

LAPORAN TAHUNAN



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PERSEMPADANAN NEGERI

SAKSI PAKAR KES-KES DI MAHKAMAH

PENERBITAN PETA

- Penawanan Data
- Pangkalan Data
- Pengemaskinian Peta Topografi
- Kartografi
- Percetakan
- Pemetaan Utiliti
- Perkhidmatan Pemetaan

UKURAN KADASTER

- Ukuran Hak Milik Tanah
- Semakan Kerja Juruukur Tanah Berlesen (JTB)
- Semakan Kerja Ukuran Hak Milik Strata Peringkat I
- Semakan Kerja Ukuran Hak Milik Strata Peringkat II
- Penandaan Titik Kawalan CRM
- *National Digital Cadastral Database (NDCDB)*

BAHAGIAN GEOSPATIAL PERTAHANAN

- Penerbitan Data dan Peta Kegunaan Pertahanan dan Keselamatan
- Perkhidmatan Geospatial Pertahanan
- Perkhidmatan Web
- Bantuan Khidmat Geospatial Pertahanan di Medan

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	<ul style="list-style-type: none">• Pengurusan Kewangan• Belanja Mengurus• Belanja Pembangunan• Hasil	
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Media Highlights

Inauguration session



GE SMART ASIA 2015 is a platform for the Asia-Pacific region to showcase its smart infrastructure and digital economy. The event is organized by the Singapore Economic Development Corporation (EDC) and the Singapore Smart Infrastructure Council (SSIC).

Cabaran kerjaya juru ukur



MEMILIKI BILANGAN JAWA yang semakin meningkat, juru ukur di negara ini menghadapi cabaran kerjaya yang semakin meningkat. Cabaran ini termasuk dengan persaingan yang semakin ketat dan tuntutan yang semakin tinggi untuk meningkatkan kualiti perkhidmatan.

Pesawat tanpa juruterbang RM4j

Jupem akan guna pesawat itu untuk ambil gambar bagi mengemaskini peta, jimat kos sewaan

NORHASPIA YATIM

KUALA TERENGGANU - Jabatan Ukur dan Pemetaan Malaysia (Jupem) membeli pesawat tanpa juruterbang bagi menjalankan projek Sistem Penawaran Data Geospasial di negara ini tahun ini.

Ketua Pegawai Operasi, Ahmad Fauzi Nordin berkata, pesawat ini secara langsung dipaparkan memajukan kos, katanya.

Ahmad Fauzi berkata, pertukaran dan sistem yang baharu akan dibayar kira-kira RM4 juta dan pihak Jupem akan mengahiri gambar keadaan muka bumi terkini di negara ini yang setinggi beratus-batus kilometer persegi.

Pemetaan sempadan Malaysia/Thailand selesai

12 NOVEMBER 2015

Projek MAGIC jamin kedaulatan negara terhadap pulau di Malaysia



Timbalan Menteri Sumber Asli dan Alam Sekitar, Datuk Hamzah Samuri (dua, kiri) bertanyakan sesuatu pagar sempadan yang memisahkan Malaysia dan Thailand ketika meninjau Projek Pemetaan dan Pemetaan Sempadan Malaysia-Thailand berhampiran pintu masuk ke Thailand melalui Padang Besar hari ini - P. Idris/Utusan

PADANG BESAR - Malaysia dan Thailand pada dasarnya telah mencapai persefahaman mengenai sen kedua-dua negara kecuali satu kawasan sepanjang 4.5 kilometer di Bukit Jell, Tanah Merah, Kelantan.

Timbalan Menteri Sumber Asli dan Alam Sekitar, Datuk Hamzah Samuri berkata satu perjanjian persefahaman (MOU) mengenai keputusan pemetaan sempadan yang dijalankan bersama oleh kedua-dua negara saja telah ditandatangani.

JUPERM
JABATAN UKUR DAN PEMETAAN MALAYSIA
Institution of Surveyors and Cartographers of Malaysia

"Penerus Kecekapan Rakyat dan Pembangunan Negara"
"The Catalyst For National Development and Citizen's Prosperity"

KUALA LUMPUR - Projek Matrik Geospatial Infrastructure in Malaysian Water (MAGIC) yang dibawakan sejak 2013 berjaya membantu pemetaan wilayah dan pemetaan zon alam semesta negara selain mengahiri beliau persefahaman kawasan.

Ketua Pegawai Operasi, Ahmad Fauzi Nordin berkata projek MAGIC pernah berjaya mengahiri negara-negara lain seperti di luar negeri termasuk Taiwan dan beberapa negara di kawasan berhampiran sempadan negara jiran.

MAGIC dengan kos RM4 juta membina pemetaan seperti monumen sebagai tanda kawasan hak milik negara serta sistem data geospasial. "Continuously Operating Reference Station" (CORS) yang bersempadan mengahiri data geospasial untuk tujuan pemetaan.

40 tahun jaga jam loceng
Mati bersempadan: mengahiri matrik geospasial negara



Mesin ukur yang digunakan dalam projek ini adalah jenis yang sangat canggih dan moden.

Event Highlights



“INTEGRITI BUKAN SEKADAR BERMAKSUD MENGHINDARI DARI PERLAKUAN RASUAH DAN SALAH GUNA KUASA YANG MELIBATKAN WANG RINGGIT. INTEGRITI JUGA PERLU DITERJEMAHKAN DALAM PENGURUSAN MASA, DALAM MEMBERIKAN PERKHIDMATAN TERBAIK, DALAM MENYAMPAIKAN MAKLUMAT SERTA INTEGRITI DALAM KOMUNIKASI DENGAN KETUA JABATAN, RAKAN SEKERJA DAN PELANGGAN.”



PERUTUSAN

KETUA PENGARAH UKUR DAN PEMETAAN MALAYSIA

Assalamualaikum Warahmatullahi Wabarakatuh,

Salam Sejahtera and Salam 1 Malaysia.

Alhamdulillah bersyukur saya ke hadrat Illahi dengan limpah kurnia dan keizinanNya, Jabatan Ukur dan Pemetaan Malaysia (JUPEM) telah berjaya menerbitkan Laporan Tahunan JUPEM bagi tahun 2015 ini seperti yang telah dirancang. Laporan tahunan ini merangkumi dokumentasi yang memperincikan pencapaian JUPEM sepanjang tahun 2015 untuk rujukan warga JUPEM dan pihak-pihak lain yang berkaitan.

Pada keseluruhannya, pelaksanaan aktiviti-aktiviti pembangunan dan operasi Jabatan sepanjang tahun 2015 telah berjalan dengan jayanya sejajar dengan visi untuk menjadikan JUPEM terbilang dalam perkhidmatan ukur dan pemetaan serta pengurusan dan penyebaran data geospasial bagi memenuhi keperluan negara. Walaupun begitu, tidak dinafikan, tahun 2015 merupakan tahun yang sangat mencabar bagi kita semua. Tahun tersebut merupakan tahun terakhir pelaksanaan projek Rancangan Malaysia Kesepuluh (RMKe-10) dan juga tahun persediaan bagi permulaan pelaksanaan Rancangan Malaysia Kesebelas (RMKe-11). Namun, ianya bukanlah penghalang untuk JUPEM terus melakar pencapaian dan kejayaan samada di peringkat kementerian, kebangsaan malah di peringkat antarabangsa. Ini dibuktikan dengan pencapaian JUPEM mengekalkan Juara Keseluruhan Anugerah Hari Inovasi INRE 2015, johan peringkat kebangsaan bagi Amalan Terbaik AKRAB dan anugerah *Special Achievement in GIS (SAG Awards)* oleh ESRI USA. Semoga kejayaan-kejayaan ini menjadi inspirasi dan iltizam untuk warga JUPEM meneruskan kegemilangan seterusnya untuk tahun-tahun mendatang.

Seperti sedia maklum, JUPEM merupakan *National Mapping Agency* yang bertanggungjawab dalam penyediaan maklumat geospasial yang tepat, terkini serta memenuhi kehendak pelanggan. Untuk tujuan tersebut, JUPEM perlu bergerak seiring dengan perkembangan teknologi terkini bagi memenuhi permintaan pelanggan yang semakin bijak terhadap kepelbagaian produk dan perkhidmatan berasaskan maklumat geospasial yang tersedia. Bagi mencapai hasrat ini, JUPEM perlu mengorak langkah dengan meneruskan strategi sedia ada, di samping melaksanakan beberapa pendekatan baru melalui pelaksanaan projek-projek pembangunan RMKe-11. Selain daripada itu, Jabatan turut melaksanakan inisiatif kaedah perkongsian pintar dengan agensi-agensi kerajaan/swasta yang berkaitan melalui Strategi Lautan Biru Kebangsaan bagi memaksimumkan penggunaan sumber data geospasial sedia ada dengan pengguna-pengguna di luar Jabatan.

Saya berharap setiap warga kerja JUPEM akan terus memberi kerjasama dan berusaha dengan lebih gigih serta menunjukkan komitmen, disiplin dan integriti yang tinggi selain mewujudkan pelbagai inovasi dalam *core business* JUPEM. Jadikanlah jendela tahun yang mendatang ini sebagai pemangkin kepada kita untuk meneruskan kejayaan dan kecemerlangan bagi memacu JUPEM terus maju ke hadapan. Ayuh kita bersama membuktikan JUPEM adalah sebuah agensi kerajaan yang relevan dan disegani di peringkat nasional dan antarabangsa.

Akhir kata, dengan penuh takzim, sekali lagi saya melahirkan rasa gembira dan syukur ke hadrat Allah SWT di atas segala kejayaan dan pencapaian kita sepanjang tahun 2015. Saya juga menyeru semua warga JUPEM agar dapat meneruskan kecemerlangan dengan semangat yang kental menghadapi segala rintangan pada tahun 2016 ini. Semoga Allah SWT mempermudah segala urusan dan tanggungjawab kita serta memberkati di atas usaha murni kita untuk masa depan JUPEM.

"Sebaik-baik manusia adalah yang paling bermanfaat bagi orang lain" (Hadith riwayat Ath-Thabrani)

Sekian, terima kasih.



DATUK PROF. SR AHMAD FAUZI BIN NORDIN,
PMW, DPMT, DSAP, JSM, SMZ, KMN

MAKLUMAT KORPORAT



PENGURUSAN TERTINGGI JABATAN



- 1** **DATUK PROF. SR AHMAD FAUZI BIN NORDIN**
Ketua Pengarah Ukur dan Pemetaan Malaysia
- 2** **DATO' SR HASAN BIN JAMIL**
Timbalan Ketua Pengarah Ukur dan Pemetaan I
- 3** **DATO' SR MOHD NOOR BIN ISA**
Timbalan Ketua Pengarah Ukur dan Pemetaan II



1

3

PROFIL PENGURUSAN TERTINGGI



**YBHG. DATUK PROF. SR AHMAD FAUZI
BIN NORDIN,
PMW, DPMT, DSAP, JSM, SMZ, KMN
Ketua Pengarah Ukur dan Pemetaan Malaysia**

YBhg. Datuk Prof. Sr Ahmad Fauzi bin Nordin telah dilantik sebagai Ketua Pengarah Ukur dan Pemetaan Malaysia pada 10 April 2014.

Beliau berkelulusan Ijazah Sarjana Sains (Geoinformatik) dari Universiti Teknologi Malaysia, *Postgraduate Diploma in Geographical Information System (GIS)* daripada ITC, Netherlands dan Ijazah Sarjana Muda Ukur (Tanah) dari Universiti Teknologi Malaysia.

Beliau pernah bertugas sebagai Juruukur Daerah Kuala Kangsar, Penolong Pengarah Ukur Topografi (Wilayah Utara), Timbalan Pengarah Ukur Kedah/Perlis, Penolong Pengarah Ukur Kadaster (Rancangan Tanah), Timbalan Pengarah Ukur (Unit Khas) Pahang, Timbalan Pengarah Ukur Perak, Pengarah Ukur Topografi Sarawak, Timbalan Pengarah Ukur I Topografi Semenanjung, Pengarah Ukur W.P. Kuala Lumpur, Ketua Penolong Pengarah Ukur (Hak Milik), Pengarah Ukur Selangor, Pengarah Ukur Bahagian (Ukur Geodetik), Pengarah Ukur Bahagian (Kadaster) dan sebagai Pengarah Ukur Bahagian (Pemetaan) sebelum memegang jawatan sebagai Timbalan Ketua Pengarah Ukur dan Pemetaan I pada 17 Jun 2009. Pada 10 April 2014 beliau telah dilantik sebagai Ketua Pengarah Ukur dan Pemetaan Malaysia.

Beliau juga adalah Felo Pertubuhan Juruukur Diraja Malaysia (RISM), Presiden RISM bagi sesi 2011/2012, Pengerusi *Malaysian Building Industry Presidents Council (BIPC)* bagi sesi 2011/2012, Pengerusi Lembaga Juruukur Tanah Malaysia (LJT) dan seorang Juruukur Tanah Bertauliah.

**YBHG. DATO' SR HASAN BIN JAMIL,
DIMP, JMW, AMN**

Timbalan Ketua Pengarah Ukur dan Pemetaan I

YBhg. Dato' Sr Hasan bin Jamil telah dilantik sebagai Timbalan Ketua Pengarah Ukur dan Pemetaan I pada 10 April 2014.

Beliau berkelulusan Ijazah Sarjana *Geographical Information System (GIS)* dari University of Edinburgh, United Kingdom dan Ijazah Sarjana Muda Ukur (Tanah) dari Universiti Teknologi Malaysia.

Beliau pernah bertugas sebagai Juruukur di Jabatan Ukur Terengganu, Penolong Pengarah Ukur Kelantan, Juruukur Daerah Kelantan Selatan Machang, Penolong Pengarah Ukur Topografi Sabah, Pengarah Ukur Topografi Sabah, Penolong Pengarah Ukur Kadaster, Pengarah Ukur Pulau Pinang, Pengarah Ukur Selangor, Pengarah Ukur Bahagian (Ukur Geodetik), Pengarah Ukur Seksyen (Ehwal Persempadanan), Pengarah Ukur dan Pemetaan W.P. Kuala Lumpur / Putrajaya dan Pengarah Ukur Bahagian (Pemetaan). Beliau dilantik sebagai Timbalan Ketua Pengarah Ukur dan Pemetaan II pada 16 November 2010 sebelum memegang jawatan sebagai Timbalan Ketua Pengarah Ukur dan Pemetaan I.

Beliau juga adalah Presiden Pertubuhan Juruukur Diraja Malaysia (RISM) bagi sesi 2014/2015, Timbalan Pengerusi Lembaga Juruukur Tanah Malaysia (LJT) dan seorang Juruukur Tanah Bertauliah.





YBHG. DATO' SR MOHD NOOR BIN ISA, DIMP, SMP

Timbalan Ketua Pengarah Ukur dan Pemetaan II

YBhg. Dato' Sr Mohd Noor bin Isa telah dilantik sebagai Timbalan Ketua Pengarah Ukur dan Pemetaan II pada 6 Mei 2014.

Beliau berkelulusan Ijazah Sarjana Muda Ukur (Tanah) dari Universiti Teknologi Malaysia dan pernah bertugas sebagai Juruukur Latihan (Jabatan Ukur Perak), Juruukur Daerah Perak Utara, Penolong Pengarah Ukur Pahang, Juruukur Daerah Pahang Barat, Juruukur (Urus setia Unit Khas), Penolong Pengarah Ukur (Penyelarasan dan Pembangunan), Ketua Penolong Pengarah Ukur (Latihan) dan Ketua Penolong Pengarah Ukur (Penyelarasan dan Pembangunan).

Beliau juga pernah memegang jawatan sebagai Pengarah Ukur (Perancangan, Penyelidikan dan Pembangunan), Pengarah Ukur dan Pemetaan Pahang, Pengarah Ukur Topografi Sabah dan seterusnya Pengarah Ukur Bahagian (Pemetaan).

Beliau juga adalah Pengerusi Bahagian Geomatik dan Ukur Tanah (GLS), Pertubuhan Juruukur Diraja Malaysia (RISM) bagi sesi 2014/2015 dan seorang Juruukur Tanah Bertauliah

KUMPULAN PENGURUSAN JUPEM



1

2

3

4

- BRIGEDIER JENERAL HAJI AHMAD NASIR**
BIN HAJI ABD RAHMAN
(Mulai 18 Februari 2015)
BRIGEDIER JENERAL HAJI ABU SUFIAN
BIN HAJI AHMAD
(Sehingga 17 Februari 2015)
Pengarah Bahagian (Geospatial Pertahanan)
- NIK YUSAIMI BIN YUSSOF**
(Mulai 23 April 2015)
HAJI ABDUL HAMID BIN HASAN
(Sehingga 22 April 2015)
Pengarah Bahagian (Khidmat Pengurusan)
- ZARIFAH BINTI ZULGHAFAR**
Penasihat Undang-Undang
- TRIVEINEI A/P SUNDARAM**
Ketua Unit Integriti



SR TAN AH BAH
Pengarah Ukur Bahagian
(Ehwal Persempadanan)

**SR HAJI MOHAMAD KAMALI
BIN ADIMIN**
Pengarah Ukur Bahagian
(Dasar dan Penyelarasan Pemetaan)

SR DR. AZHARI BIN MOHAMED
Pengarah Ukur Bahagian
(Ukur Geodetik)



SR DR. TENG CHEE HUA
Pengarah Ukur Bahagian
(Kadaster)

**YBHG. DATO' SR HAJI MOHAMMAD YUNUS BIN
MD YUSOF**
Pengarah Ukur dan Pemetaan
Pahang

SR AHAMAD BIN ZAKARIA
Pengarah Ukur dan Pemetaan
Selangor



SR JOHN ELVIS KOH
Pengarah Ukur dan Pemetaan
Perak

SR NG ENG GUAN
Pengarah Ukur dan Pemetaan
Kedah

SR HAJI RAMLI BIN NOR
(Mulai 22 Jun 2015)
SR HAJI ALI BIN AHMAD
(Sehingga 21 Jun 2015)
Pengarah Ukur dan Pemetaan
Johor



SR MOHD LATIF BIN ZAINAL
(Mulai 1 Disember 2015)
YBHG. DATO' SR ABDUL AZIZ BIN HAJI JANTAN
(Sehingga 30 November 2015)
Pengarah Ukur Bahagian
(Pemetaan Topografi Semenanjung)



**SR WAN MOHAMAD DARANI BIN AB.
RAHMAN**
(Mulai 29 Jun 2015)
SR HAJI RAMLI BIN NOR
(Sehingga 21 Jun 2015)
Pengarah Ukur Bahagian
(Perancangan dan Korporat)



SR DR. MOHD YUNUS BIN MOHD YUSOFF
Pengarah Ukur Bahagian
(Pemetaan Utiliti)



HAJI ZAHARI BIN ZAMLOPE
(Mulai 1 Disember 2015)
SR MOHD LATIF BIN ZAINAL
(Sehingga 30 November 2015)
Pengarah Ukur Bahagian
(Pangkalan Data Geospasial Negara)

RAHIM BIN HAJI MOHAMAD SALEH
(Mulai 1 Disember 2015)
HAJI ZAHARI BIN ZAMLOPE
(Sehingga 30 November 2015)
Pengarah Ukur Bahagian
(Pemetaan Topografi Sarawak)

**SR MOHAMMAD ZAKI BIN
MOHD GHAZALI**
Pengarah Ukur Bahagian
(Pemetaan Topografi Sabah)



MD. ZAKI BIN AD. WAHID
Pengarah Ukur dan Pemetaan
W. P. Kuala Lumpur/Putrajaya

SR ZOHER BIN NORMANBHOY
(Mulai 29 Jun 2015)
SR WAN MOHAMAD DARANI BIN AB. RAHMAN
(Sehingga 28 Jun 2015)
Pengarah Ukur Bahagian
(Kartografi dan GIS)

SR JASNI BIN A. RAHMAN
Pengarah Ukur dan Pemetaan
Negeri Sembilan



SR HAMDAN BIN AB. AZIZ
Pengarah Ukur dan Pemetaan
Terengganu

SR WAN ZAINUDDIN BIN WAN YUSUFF
Pengarah Ukur dan Pemetaan
Kelantan

SR AHMAD AZMAN BIN GHAZALI
Pengarah Ukur dan Pemetaan
Pulau Pinang



AHMAD TARMIZI BIN BASTANI
Pengarah Ukur dan Pemetaan
Melaka



SR HAJI CHE SULAIMAN BIN MAT YUNUS
Pengarah Ukur dan Pemetaan
Perlis



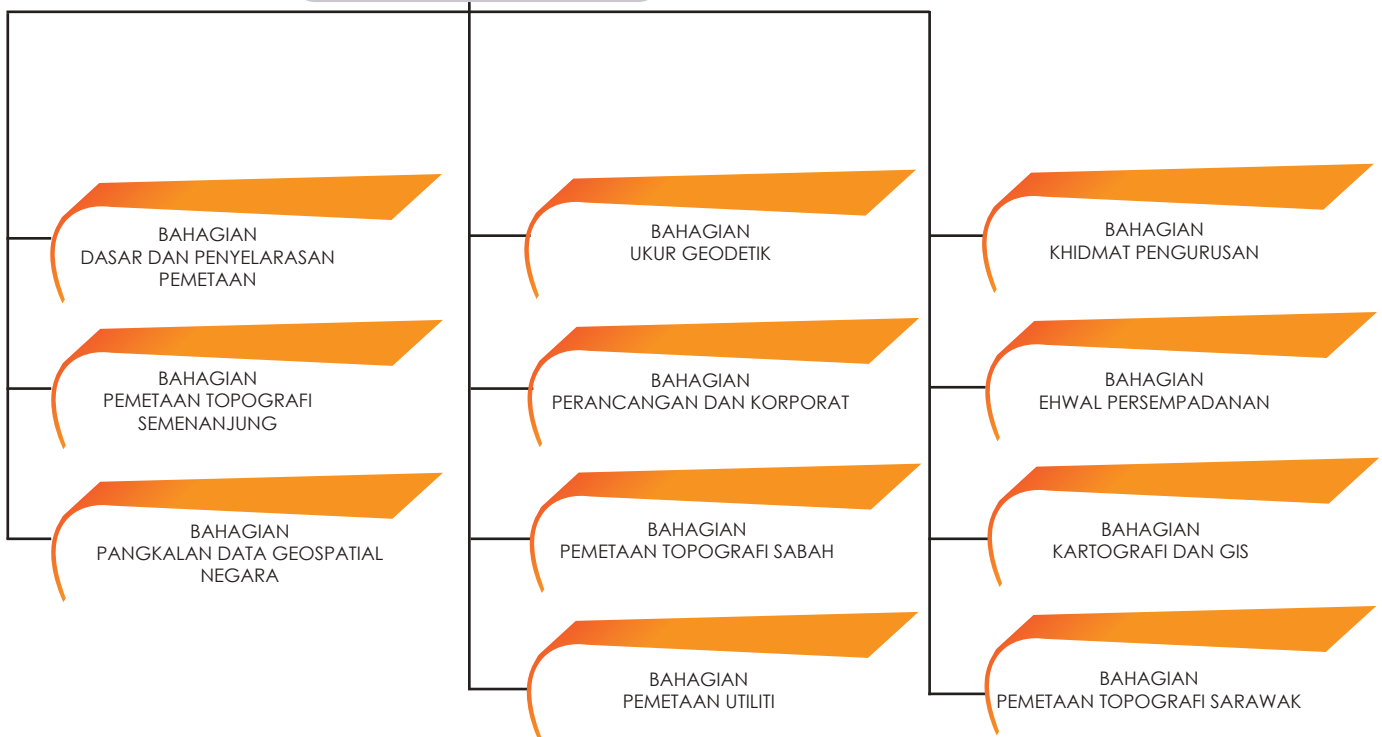
SHAFFRI BIN BAUDI
(Mulai 1 Disember 2015)
SUHAIMI BIN AHMAD
(Sehingga 30 November 2015)
Pengarah Ukur dan Pemetaan
W. P. Labuan

CARTA ORGANISASI JABATAN



TIMBALAN KETUA PENGARAH UKUR DAN PEMETAAN I

PENASIHAT UNDANG-UNDANG





KETUA PENGARAH UKUR DAN PEMETAAN MALAYSIA

UNIT INTEGRITI



TIMBALAN KETUA PENGARAH UKUR DAN PEMETAAN II

BAHAGIAN GEOSPATIAL PERTAHANAN



Nota:JUPEM mempunyai jawatan Kader di Jabatan Penerbangan Awam, Jabatan Kerja Raya, Pusat Infastruktur Data Geospacial Negara, Kementerian Kesejahteraan Bandar, Perumahan dan Kerajaan Tempatan, Kementerian Sumber Asli dan Alam Sekitar, Institut Tanah dan Ukur Negara, Majlis Keselamatan Negara, Suruhanjaya Pilihanraya, Kementerian Pertahanan Malaysia, Jabatan Perhutanan Semenanjung Malaysia, Jabatan Mineral dan Geosains, Agensi Remote Sensing Malaysia, Jabatan Laut Semenanjung Malaysia, Jabatan Laut Sarawak, Jabatan Ketua Pengarah Tanah dan Galian serta Jabatan Pengairan dan Saliran.

Visi

Menjadikan JUPEM terbilang dalam perkhidmatan dan pengurusan ukur, pemetaan dan geospasial bagi memenuhi wawasan negara.

Motto

Pemacu Kesejahteraan Rakyat dan Pembangunan Negara.

Misi

Menyediakan perkhidmatan dan pengurusan ukur, pemetaan dan geospasial yang berkualiti melalui sistem terbaik, sumber manusia yang kompeten dan persekitaran kerja yang kondusif.

Objektif

- Memastikan produk dan perkhidmatan ukur kadaster, pemetaan dan geodetik menepati sistem kualiti serta memenuhi keperluan pelanggan.
- Memastikan pewujudan dan penyelenggaraan Pangkalan Data Ukur Kadaster dan Pemetaan yang kemaskini dan berkualiti bagi memenuhi keperluan infrastruktur data geospasial negara.
- Menjadikan JUPEM pusat kecemerlangan dan rujukan dalam bidang ukur kadaster, pemetaan, geodetik, pemetaan utiliti bawah tanah dan maklumat geospasial.
- Memastikan penentuan, penandaan dan pengukuran sempadan negeri dan antarabangsa memenuhi keperluan pentadbiran negeri serta menjamin kedaulatan negara.
- Memastikan perkhidmatan geospasial pertahanan yang berkualiti dan bersepadu dalam mendokong infrastruktur pertahanan dan keselamatan negara.

Fungsi

- Menasihati kerajaan dalam bidang ukur kadaster, pemetaan dan geospasial serta persempadanan negeri dan antarabangsa.
- Menyediakan maklumat ukur kadaster secara lengkap dan kekal untuk tujuan pengeluaran hakmilik tanah, strata dan statum.
- Menguruskan pangkalan data ukur kadaster dan pemetaan dengan efisien.
- Menerbitkan peta-peta topografi, kadaster, tematik dan utiliti bawah tanah untuk tujuan perancangan, pengurusan sumber asli, pemuliharaan alam sekitar, pembangunan, pemantauan dan keselamatan.
- Menyediakan infrastruktur geodetik bagi ukuran kadaster, pemetaan, kejuruteraan dan kajian saintifik.
- Menyediakan khidmat geospasial pertahanan secara menyeluruh dan bersepadu untuk tujuan pertahanan dan keselamatan.
- Menerbitkan produk falak dan astronomi termasuk jadual-jadual arah kiblat, waktu solat, data rukyah hilal, takwim hijriah dan maklumat gerhana serta almanak falak syarie.

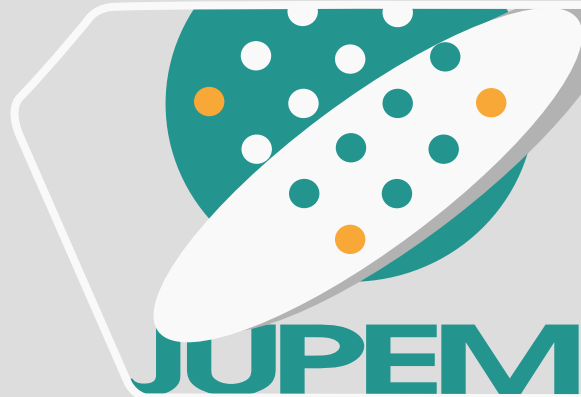
Piagam Pelanggan

- Menyiapkan kerja ukur kadaster sehingga penyediaan Pelan Akui dalam tempoh tidak melebihi 60 hari dari tarikh penerimaan Permohonan Ukur yang lengkap dan teratur.
- Memastikan penyemakan ke atas kerja-kerja Juruukur Tanah Berlesen (JTB) disiapkan dalam tempoh 60 hari dari tarikh penyerahan dokumen yang lengkap dan teratur.
- Memproses Pelan Strata dalam tempoh 30 hari dan Pelan Akui Strata dalam tempoh 50 hari dari tarikh penerimaan permohonan yang lengkap dan teratur.
- Memastikan pengeluaran nombor-nombor lot dilakukan dalam tempoh tidak melebihi 7 hari dari tarikh permohonan yang lengkap dan teratur daripada Juruukur Tanah Berlesen.
- Menyedia serta membekalkan data-data ukur untuk penyediaan suratan hakmilik ke Pejabat Tanah / Pejabat Pengarah Tanah dan Galian dalam tempoh 7 hari dari penerimaan permohonan yang sempurna dan teratur.
- Memastikan dokumen geospasial terperinci dibekalkan dalam masa 2 hari selepas menerima kelulusan tapisan keselamatan.
- Memastikan data pasca proses MyRTKnet dapat diurus dan dibekalkan dalam masa 4 jam.
- Memastikan sebarang permohonan pembelian maklumat geodetik tidak terhad dapat diurus dan dibekalkan dalam masa 1 hari.
- Memastikan sebarang permohonan perkhidmatan transformasi koordinat, penukaran koordinat, unjuran peta dan interpolasi geoid dapat diurus dan dibekalkan dalam masa 1 hari.
- Memastikan sebarang permohonan perkhidmatan / pembelian bagi setiap salinan data ukur / peta tidak terhad di kaunter JUPEM dapat diuruskan dalam masa 1 jam.
- Memastikan data-data ukur dapat diakses dan diperolehi melalui e-commerce pada bila-bila masa.
- Membuat pembayaran bil dan invoice tidak melebihi 14 hari dari tarikh penerimaan lengkap diterima.



kod ETIKA

- Amanah dan jujur dalam melaksanakan tugas yang dipertanggungjawabkan tanpa menyalahgunakan kuasa dan kedudukan.
- Sentiasa sabar, tenang dan cekal dalam semua situasi.
- Benar, tulus dan ikhlas dalam menjalankan sebarang urusan.
- Berdisiplin dan berhemah tinggi.
- Yakin, tepat, adil dan konsisten dalam membuat sebarang keputusan.
- Sentiasa mengamalkan ciri-ciri kreatif, inovatif, bermotivasi, berdaya saing dan akauntabiliti.
- Menjalinkan semangat kerjasama, muhibah dan kasih sayang pada semua peringkat.
- Berbangga menjadi warga JUPEM dan sentiasa berusaha meninggikan martabat dan imej jabatan.
- Memberi perkhidmatan yang efisien dan berkualiti.
- Berusaha memastikan produk-produk jabatan adalah berkualiti dan memenuhi kehendak pelanggan.
- Sentiasa berwaspada dalam pengendalian maklumat tanpa membocori rahsia Negara kepada pihak yang tidak berhak menerimanya.



definisi LOGO

- Reka bentuk logo JUPEM terdiri daripada 3 bentuk asas iaitu titik-titik, bulatan gedang dan garisan orbit. Titik-titik ini terpisah dua oleh garisan orbit mencerminkan dua aktiviti utama JUPEM iaitu aktiviti pengukuran kadaster dan aktiviti pengukuran pemetaan.
- Warna oren melambangkan keceriaan, kegemilangan, kepekaan JUPEM kepada kehendak pelanggan dan menyatakan kewujudan dan kepentingan JUPEM kepada masyarakat dan negara.
- Warna hijau adalah warna rasmi jabatan dan dipilih bagi menunjukkan bahawa JUPEM sentiasa prihatin dan memberi perhatian serius kepada aspek alam semula jadi dalam pemeliharaan persekitaran yang sihat.
- Penampilan titik-titik memberi petunjuk bahawa JUPEM menggunakan teknologi elektronik dan sistem jaring untuk memperkasakan maklumat ukur dan pemetaan.
- Garisan orbit pula menitikberatkan betapa pentingnya komunikasi, penyebaran maklumat dan rangkaian.

Logo JUPEM pada keseluruhannya adalah lebih energetik, dinamik, progresif serta mampu bersaing dalam menghadapi cabaran-cabaran yang bersifat sejagat khususnya dalam penyediaan infrastruktur ukur dan pemetaan bagi mendukung Dasar Pembangunan Negara.

LAGU JABATAN

JUPEM MAJU DAN JAYA

Positif Penuh Beretika
Realistik Kita Menuju Satu Wawasan
Perkhidmatan Cepak dan Berkesan
Kecemerlangan Dijanjikan

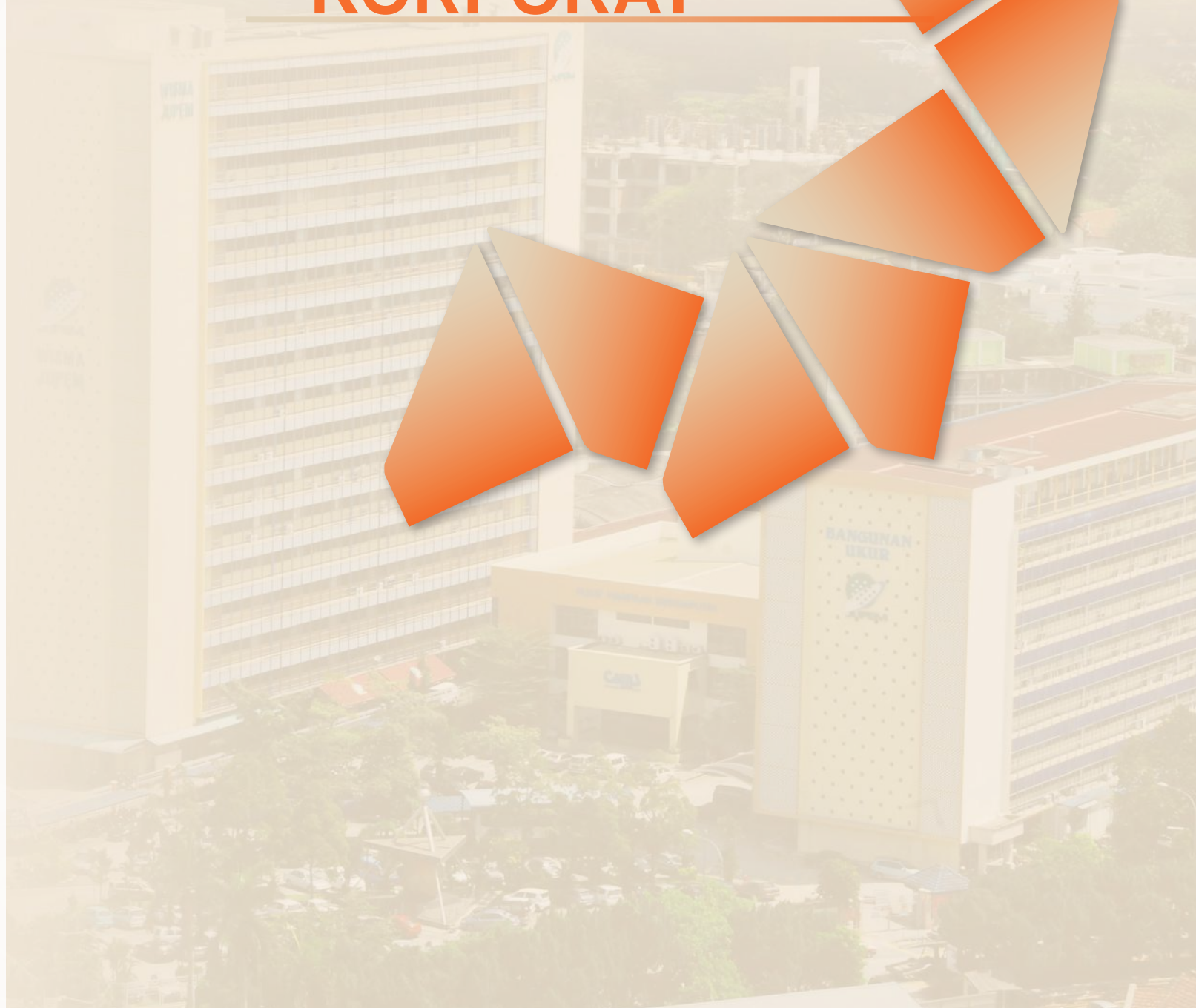
Kualiti Teras Perkhidmatan
Jabatan Ukur dan Pemetaan Malaysia
Kemuafakatan Prihatin dan Peka
Itizam Mulia Visi Jaya

Pengukuran dan Pemetaan
Tugas Diamanahkan
Adil Saksama dan Layanan Mesra
Jadi Amalan

JUPEM Warga Penuh Setia
Menabur Bakti Budi dan Jasa
Menyumbang Pembangunan Negara
Terus Berjaya

JUPEM

TADBIR URUS KORPORAT



PENGURUSAN SUMBER MANUSIA

Perjawatan

Jabatan Ukur dan Pemetaan Malaysia (JUPEM) telah melaksanakan penstrukturan semula organisasinya berdasarkan kepada 'Zero Based' dan telah diluluskan melalui Waran Perjawatan Bilangan E.128 Tahun 2013 berkuatkuasa mulai 1 Oktober 2013. Berdasarkan waran tersebut, JUPEM telah diluluskan sejumlah 4996 perjawatan.

Melalui Waran Perjawatan Bil. E.63 Tahun 2014 yang berkuatkuasa mulai 15 Januari 2014, Perbendaharaan Malaysia telah memperakukan perubahan perjawatan secara *Zero-Based* bagi pelaksanaan 27 Pekeliling Perkhidmatan selaras dengan penambahbaikan 81 Skim Perkhidmatan tahun 2013 di JUPEM, NRE. Penambahbaikan skim yang terlibat di JUPEM adalah bagi skim perkhidmatan Penolong Juruukur, Pembantu Kemahiran, Pembantu Awam dan Pembantu Operasi. Bilangan perjawatan yang telah diluluskan melalui Waran tersebut adalah sebanyak 4886 jawatan. Jumlah tersebut berkurangan kepada 4884 jawatan akibat daripada pemansuhan dua (2) jawatan jumud Jawatan Sementara akibat Penambahbaikan Skim (JSPS) berikutan penyandangannya bersara iaitu jawatan Pengawal Keselamatan Gred KP11 (KUP) dan Pembantu Tadbir (Perkeranian/Operasi) Gred N17/N22 (KUP) melalui Waran Perjawatan Bil. E.92 Tahun 2014 yang telah diperakukan oleh Perbendaharaan pada 17 November 2014.

Pada tahun 2015, sebanyak 163 jawatan kosong di JUPEM yang meliputi pelbagai jawatan dan gred telah dimasukkan ke dalam jawatan kumpulan di bawah Kementerian Sumber Asli dan Alam Sekitar (NRE) berikutan pelaksanaan dasar inisiatif penggunaan sumber manusia secara optimum oleh Jabatan Perkhidmatan Awam (JPA) pada Jun 2015.

JUPEM telah melaksanakan penstrukturan semula beberapa Bahagian di Ibu Pejabat bagi memperkukuhkan fungsi Jabatan secara khususnya dan Kerajaan secara amnya melalui pindah butiran satu (1) jawatan Juruukur Gred J54, satu (1) jawatan Juruukur Gred J52 dan dua (2) jawatan Juruukur Gred J48 yang telah diluluskan oleh Perbendaharaan Malaysia pada 30 Julai 2015 melalui Waran Perjawatan Bil. E.81 Tahun 2015 berkuatkuasa mulai 1 September 2015. Butiran adalah seperti berikut:

BIL.	JAWATAN / GRED	DARI	KE
1	Juruukur Gred J54	Bahagian Kadaster	Bahagian Ehwat Persempadanan
2	Juruukur Gred J52	Bahagian Ehwat Persempadanan	Bahagian Kadaster
3	Juruukur Gred J48	Bahagian Pangkalan Data Geospasial Negara Dua (2) jawatan Juruukur Gred J52 di BPDGN difleksikan kepada J48 / J52	Bahagian Pemetaan Topografi Semenanjung

Bahagian Khidmat Pengurusan (BKP), Ibu Pejabat JUPEM telah diluluskan cadangan pengukuhan BKP oleh Perbendaharaan Malaysia pada 25 November 2015 melalui Waran Perjawatan Bil. E.125 Tahun 2015 yang berkuatkuasa mulai 1 Disember 2015 secara kaedah *trade-off* (pemansuhan) sebanyak 22 jawatan. Pengukuhan ini melibatkan penambahan sebanyak 32 jawatan gunasama dengan dua (2) jawatan yang dinaiktaraf ke gred yang lebih tinggi. Bilangan jawatan keseluruhan JUPEM berikutan pengukuhan BKP ini masih mengekalkan jumlah jawatan sebanyak 4884.

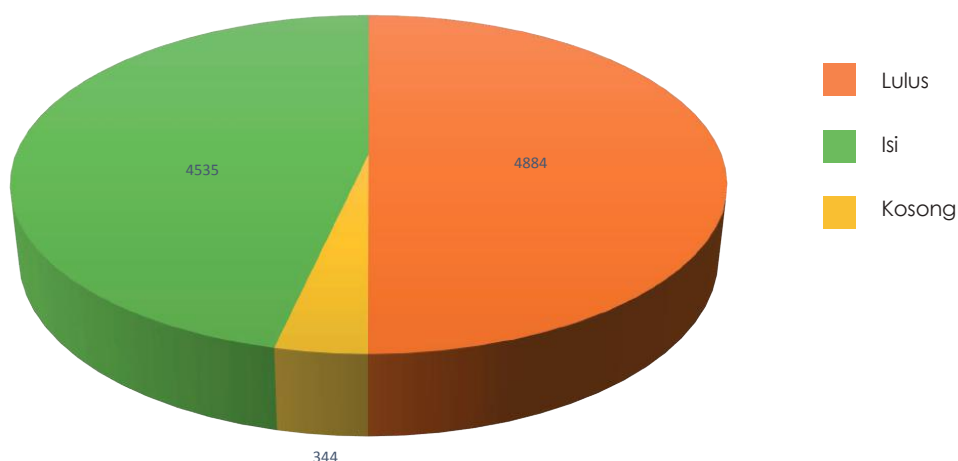
Sehingga 31 Disember 2015, JUPEM mempunyai 4884 perjawatan. Daripada jumlah tersebut, sebanyak 4534 perjawatan telah diisi meliputi Gred Utama, Kumpulan Pengurusan dan Profesional dan Kumpulan Pelaksana.

KUMPULAN	GRED	LULUS	ISI	KOSONG	BANK
GRED UTAMA	JUSA A, B, C	11	11	0	0
PENGURUSAN DAN PROFESIONAL	54	19	19	0	0
	48-52	72	70	2	0
	41-44	213	208	5	0
KUMPULAN PELAKSANA	17-38	2,204	2,086	113 (*5 jawatan mansuh)	55
	1-16	2,365	2141 (*lebih 1 jawatan)	225	108
	JUMLAH	4884	4535	344 (*5 jawatan mansuh dan 1 jawatan lebih)	163

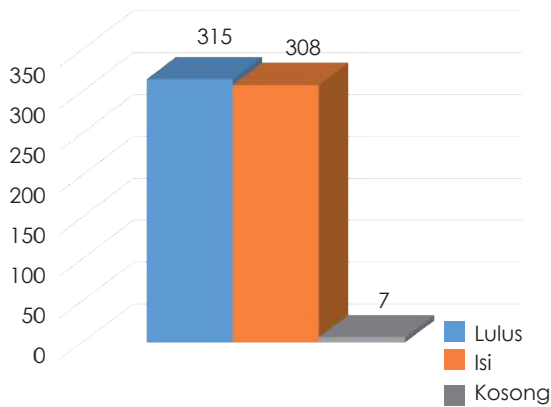
* Lima (5) jawatan mansuh berikutan penyandang yang berada di jawatan Pembantu Tadbir (Perkeranian/Operasi) Gred N17 Khas Untuk Penyandang (jawatan jumud) telah mengisi jawatan hakiki Pembantu Tadbir (Perkeranian/Operasi) Gred N17

** Satu (1) lebih penyandang berikutan satu (1) jawatan Pengawal Keselamatan Gred KP11 yang dinaiktaraf ke jawatan Pengawal Keselamatan Gred KP14 di Bahagian Khidmat Pengurusan Ibu Pejabat JUPEM dimana penisbahan Pengawal Keselamatan berubah daripada 3 KP14 : 23 KP11 kepada 4 KP14 : 22 KP11 melalui Waran Perjawatan Bil. E125/2015 berkuatkuasa mulai 1 Disember 2015

Pecahan Pengisian Jawatan Bagi Tahun 2015

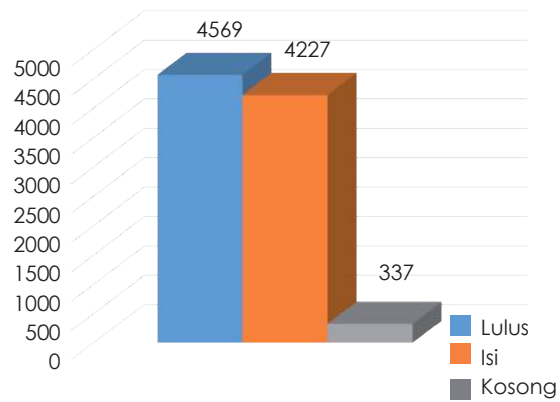


Pecahan Pengisian Jawatan Gred Utama dan Kumpulan Pengurusan dan Profesional



Gred Utama dan Kumpulan Pengurusan dan Profesional

Pecahan Pengisian Jawatan Kumpulan Pelaksana



Kumpulan Pelaksana (Gred 1-38)

Perjawatan Kader

JUPEM mempunyai sejumlah 185 perjawatan kader di pelbagai agensi Kerajaan yang lain seperti Kementerian Sumber Asli dan Alam Sekitar (NRE), Pusat Infrastruktur Data Geospasial Negara (MaCGDI), Jabatan Kerja Raya (JKR), Institut Tanah dan Ukur Negara (INSTUN), Kementerian Kesejahteraan Bandar, Perumahan dan Kerajaan Tempatan (KPKT), Majlis Keselamatan Negara (MKN), Suruhanjaya Pilihan Raya (SPR), Jabatan Mineral dan Geosains (JMG), Jabatan Perhutanan Semenanjung Malaysia (JPSM), Jabatan Laut Semenanjung Malaysia (JLSM), Jabatan Laut Wilayah Sarawak (JLSWK), Jabatan Penerbangan Awam (DCA), Agensi Remote Sensing Malaysia (ARSM), Kementerian Pertahanan (MINDEF), Jabatan Ketua Pengarah Tanah dan Galian (JKPTG) dan Jabatan Pengairan dan Saliran (JPS).

Jumlah keseluruhan jawatan kader JUPEM di pelbagai agensi Kerajaan adalah seperti berikut:

BIL.	JABATAN	LULUS	ISI	KOSONG
1	Kementerian Sumber Asli dan Alam Sekitar (NRE)	1	1	0
2	Pusat Infrastruktur Data Geospasial Negara (MaCGDI)	35	31	4 (1 bank)
3	Jabatan Kerja Raya (JKR)	22	20	2
4	Institut Tanah dan Ukur Negara (INSTUN)	29	27	2
5	Kementerian Kesejahteraan Bandar, Perumahan dan Kerajaan Tempatan (KPKT)	20	20	0
6	Majlis Keselamatan Negara (MKN)	4	3	1
7	Suruhanjaya Pilihan Raya (SPR)	1	1	0
8	Jabatan Mineral dan Geosains (JMG)	38	37	1
9	Jabatan Perhutanan Semenanjung Malaysia (JPSM)	5	4	1
10	Jabatan Laut Semenanjung Malaysia (JLSM)	2	1	1
11	Jabatan Laut Sarawak (JLSWK)	11	9	2
12	Jabatan Penerbangan Awam (DCA)	2	2	0
13	Agensi Remote Sensing Malaysia (ARSM)	10	6	4
14	Kementerian Pertahanan (MINDEF)	3	3	0
15	Jabatan Ketua Pengarah Tanah dan Galian (JKPTG)	1	0	1
16	Jabatan Pengairan dan Saliran (JPS)	1	0	1
	JUMLAH	185	165	20 (1BANK)

Pecahan terperinci perjawatan Kader mengikut kumpulan adalah seperti berikut:

BIL.	KUMPULAN PENGURUSAN DAN PROFESSIONAL/SKIM PERKHIDMATAN	GREd	LULUS	ISI	KOSONG
1	Juruukur	J54	1	1	0
2	Juruukur	J52	3	3	0
3	Juruukur	J48	10	10	0
4	Juruukur	J44	12	12	0
5	Juruukur	J41	25	21	4
6	Jurugeospacial	J44	2	1	1
7	Jurugeospacial	J41/J44	7	7	0
8	Juruukur/Jurugeospacial	J41/J44	4	4	0
JUMLAH			64	59	5

BIL.	KUMPULAN PELAKSANA/SKIM PERKHIDMATAN	GREd	LULUS	ISI	KOSONG
1	Penolong Juruukur	JA38	2	1	1
2	Penolong Juruukur	JA36	9	5	4
3	Penolong Juruukur	JA29/JA36	106	97	9
4	Penolong Juruukur (KUP)	JA29	4	3	1
JUMLAH			121	106	15

Kenaikan Pangkat

Urusan pemangkuan / kenaikan pangkat telah dilakukan sepanjang tahun 2015. Ini melibatkan 360 orang pegawai yang terdiri daripada 10 orang pegawai Kumpulan Gred Utama, 114 orang pegawai Kumpulan Pengurusan dan Profesional dan 236 orang pegawai Kumpulan Pelaksana.

Gred Utama dan Kumpulan Pengurusan dan Profesional

SKIM PERKHIDMATAN	KENAIKAN PANGKAT/ PEMANGKUAN KE GREd	KENAIKAN PANGKAT	PEMANGKUAN	JUMLAH
Juruukur Gred Utama B	Gred Utama A	1	0	1
Juruukur Gred Utama C	Gred Utama B	2	0	2
Juruukur Gred J54	Gred Utama C	1	6	7
Juruukur Gred J52	J54	7	2	9
Juruukur Gred J48	J52	23	2	25
Juruukur Gred J44	J48	9	6	15
Juruukur Gred J41	J44	25	40	65
JUMLAH		68	56	124

Kumpulan Pelaksana

SKIM PERKHIDMATAN	KENAIKAN PANGKAT/ PEMANGKUAN KE GRED	KENAIKAN PANGKAT	PEMANGKUAN	JUMLAH
Penolong Juruukur, JA36	JA38	48	0	48
Penolong Juruukur, JA29	JA36	158	0	158
Penolong Juruukur, JA29 (TBBK)	JA36	3	0	3
Penolong Pegawai Tadbir, N27	N32	1	2	3
Pembantu Tadbir (Kewangan), W17	W22	3	0	3
Pembantu Tadbir (Perkeranian/ Operasi), N17 (TBBK)	N22	6	0	6
Pembantu Tadbir (Perkeranian/ Operasi), N17	N22	2	0	2
Pekerja Awam, R1 (KUP)	R4 (TBBK)	13	0	13
JUMLAH		234	2	236

*TBBK : Time Base Berasaskan Kecemerlangan

*KUP : Khas Untuk Penyandang

Persaraan

Sepanjang tahun 2015, seramai 149 pegawai dan kakitangan daripada pelbagai gred telah bersara yang meliputi bersara paksa, bersara pilihan dan meninggal dunia dalam perkhidmatan. Data keseluruhan persaraan adalah seperti berikut:

Bersara Paksa

BIL.	JAWATAN / GRED	JUMLAH
1	Juruukur Gred Utama C	1
2	Juruukur J54	1
3	Pegawai Tadbir dan Diplomatik M54	1
4	Juruukur J52	1
5	Juruukur J48	1
6	Jurugeospatial J44	1
7	Juruukur J41	1
8	Penolong Juruukur JA38	3
9	Penolong Juruukur JA36	7
10	Penolong Juruukur JA29	19
11	Pembantu Tadbir (Kewangan), W22	1
12	Pembantu Tadbir (Perkeranian/Operasi), N17	1
13	Pembantu Awam H14	2
14	Pembantu Awam H11	26
15	Pembantu Operasi N11	2
16	Pemandu Kenderaan H11	4
	JUMLAH	72

Bersara Pilihan

BIL.	JAWATAN / GRED	JUMLAH
1	Juruukur J52	1
2	Juruukur J48	3
3	Juruukur J44	2
4	Jurugeospasial J44	1
5	Juruukur J41	1
6	Penolong Juruukur JA38	4
7	Penolong Juruukur JA36	4
8	Penolong Juruukur JA29	24
9	Penolong Pegawai Tadbir N32	1
10	Pembantu Tadbir (Perkeranian/Operasi) N22	2
11	Pembantu Kemahiran H17	2
12	Pembantu Pemuliharaan S17	2
13	Pembantu Awam H11	17
14	Pemandu Kenderaan H11	4
15	Pembantu Operasi N11	1
16	Pengawal Keselamatan KP11	1
	JUMLAH	70

Meninggal Dunia Dalam Perkhidmatan

BIL.	NAMA	JAWATAN / GRED	NEGERI / SEKSYEN
1	Zainal Abidin bin Abd Majid	Juruukur J44	JUPEM Perlis
2	Qamaruzzaman bin Sukelan	Penolong Pegawai Teknologi Maklumat F29	Bahagian Perancangan dan Korporat
3	Salleh bin Mamat	Penolong Juruukur JA29	JUPEM Kedah
4	Rosfazilah binti Bidin	Penolong Juruukur JA29	Bahagian Kartografi dan GIS
5	Muhamad Asyraf bin Abdu Mokfi	Pembantu Tadbir (P/O) N17	Bahagian Khidmat Pengurusan
6	Muhamad Shukor bin Abdullah	Pembantu Awam H14	JUPEM Johor
7	Hamid bin Mohd Amin	Pembantu Awam H11	JUPEM Terengganu

Tindakan Tataertib

Pengurusan Tataertib Jabatan merupakan satu tataracara pengendalian bagi mengawal disiplin pegawai dan kakitangan JUPEM yang melibatkan hukuman-hukuman amaran, denda, lucut hak emolumen, tangguh pergerakan gaji, turun gaji, turun pangkat dan buang kerja. Jabatan sentiasa peka terhadap salah laku yang dilakukan oleh pegawai dan kakitangan dan mengambil tindakan yang sesuai berdasarkan Peraturan-Peraturan Pegawai Awam (Kelakuan dan Tataertib) 1993.

Pada tahun 2015, sebanyak 14 kes tindakan tataertib telah dilaporkan dan sebanyak sembilan kes telah dapat diselesaikan. Sementara itu, terdapat lima kes yang masih dalam tindakan iaitu empat kes di bawah Lembaga Tataertib Kumpulan Sokongan (No. 2) dan satu kes di bawah Lembaga Tataertib Kumpulan Sokongan (No. 1).

Pelanggaran tatakelakuan dan status kes pada tahun 2015 adalah seperti berikut:

Pengurusan Kes Tindakan Tataertib

JENIS/BENTUK KESALAHAN	KES SELESAI		KES MASIH DALAM TINDAKAN	
	KUMPULAN PENGURUSAN & PROFESIONAL	KUMPULAN PELAKSANA	KUMPULAN PENGURUSAN & PROFESIONAL	KUMPULAN PELAKSANA
Tidak Hadir Bertugas	0	7	0	3
Kes Mahkamah	0	2	0	2
Tidak Hadir Bertugas dan Tidak Dapat Dikesan	0	0	0	0
Surcaj	0	0	0	0
JUMLAH	0	9	0	5

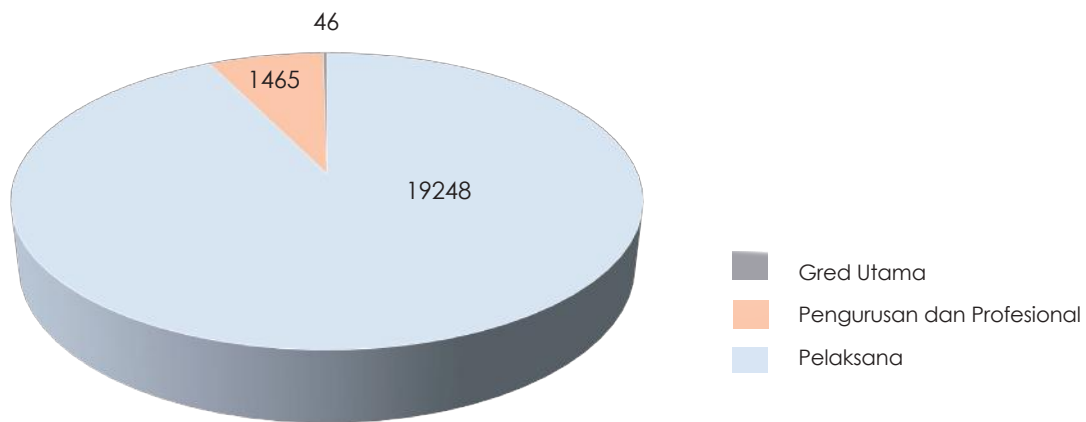
KURSUS DAN LATIHAN

Latihan yang berterusan telah dilaksanakan bagi meningkatkan kemahiran dan pengetahuan pegawai JUPEM. Peluang seluas-luasnya telah diberikan kepada setiap pegawai dan kakitangan untuk mengikuti latihan, baik di peringkat akademik mahupun latihan dalam perkhidmatan yang memfokuskan kepada peningkatan kemahiran bersesuaian dengan pemodenan Jabatan dan perubahan persekitaran. Melalui kaedah ini, JUPEM dapat melahirkan modal insan yang mempunyai kepakaran dan kompeten bagi memastikan kelangsungan sistem penyampaian dan perkhidmatan kepada pelanggan.

Bilangan Hari Kursus/ Latihan Yang Dihadiri Pegawai dan Kakitangan Bagi Tahun 2015

BIL.	BIDANG KURSUS	BILANGAN HARI			JUMLAH
		GREDD UTAMA	PENGURUSAN & PROFESIONAL	PELAKSANA	
1	Program Transformasi Minda (Kursus Wajib)	0	4	24	28
2	Pengurusan Ukur dan Pemetaan	12	524	3706	4238
3	Pengurusan Sumber Manusia	12	514	8702	9228
4	Pengurusan Kewangan	12	62	520	594
5	Kualiti dan Produktiviti	1	142	1511	1654
6	Teknologi Maklumat dan Komunikasi (ICT)	0	61	737	798
7	Pembangunan Kendiri	9	145	3882	4036
8	Bahasa dan Komunikasi	0	13	170	183
JUMLAH		46	1465	19248	20759

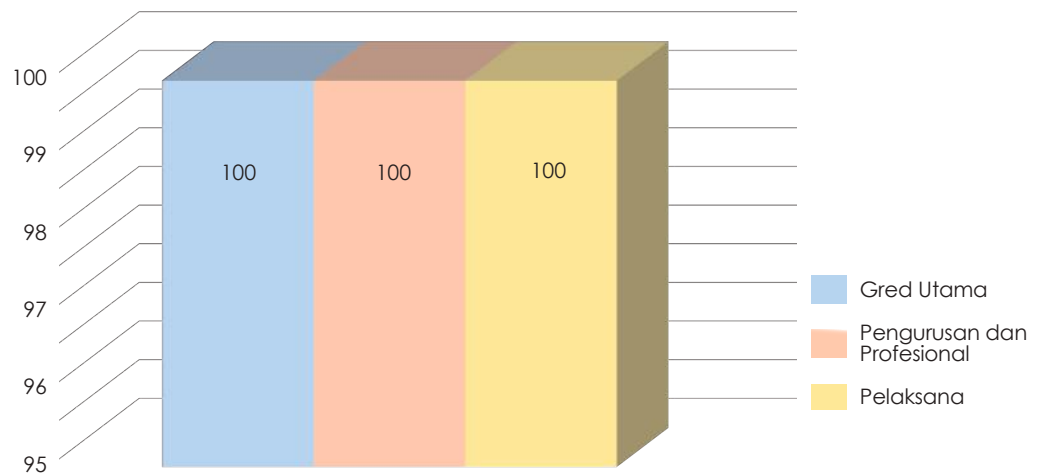
Pecahan Bilangan Hari Kursus/ Latihan Yang Dihadiri Oleh Pegawai dan Kakitangan



Bilangan Pegawai dan Kakitangan Yang Menghadiri 7 Hari Berkursus

BIL.	GREDD/ KUMPULAN	BILANGAN PERJAWATAN	BILANGAN PENGISIAN	KURSUS PENDEK			BILANGAN ANGGOTA YANG HADIR KURSUS PANJANG > 3 BULAN
				BILANGAN ANGGOTA YANG HADIR > 7 HARI SETAHUN	BILANGAN ANGGOTA YANG HADIR < 7 HARI SETAHUN	BILANGAN ANGGOTA YANG TIDAK BERKURSUS	
1	Gred Utama	11	11	11	0	0	0
2	Pengurusan & Profesional	304	286	282	0	0	4
3	Pelaksana	4569	4211	4209	0	0	2
JUMLAH		4884	4508	4502	0	0	6

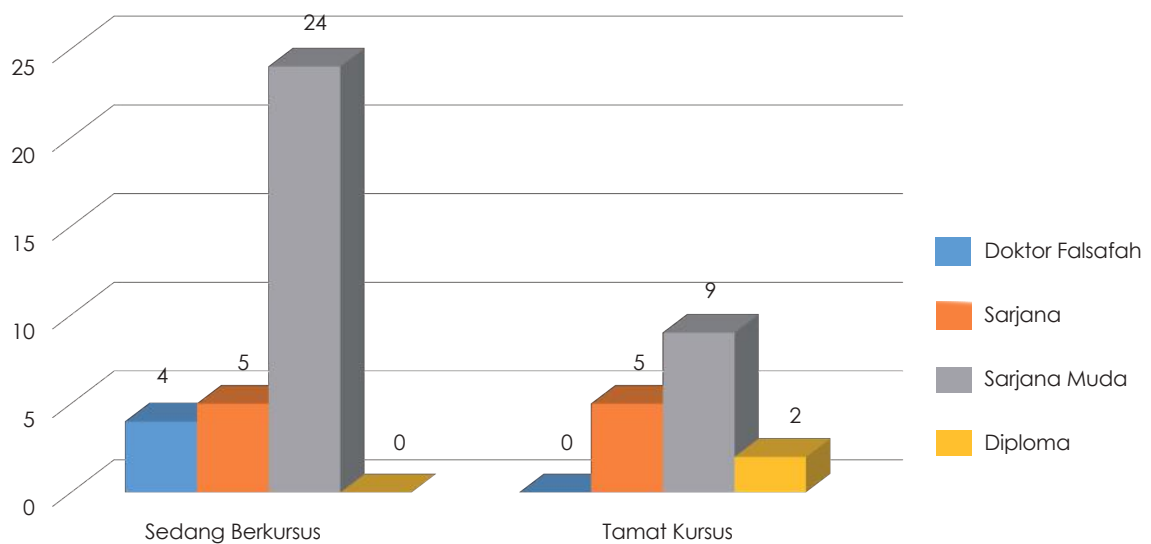
Pecahan Peratusan Pegawai dan Kakitangan Yang Menghadiri 7 hari Berkursus



Bilangan Pegawai dan Kakitangan Yang Melanjutkan Pelajaran Bagi Tahun 2015

BIL.	TAHAP AKADEMIK	SEDANG BERKURSUS		TAMAT BERKURSUS		JUMLAH
		SEPENUH MASA	SEPENUH MASA	SEPARUH MASA	SEPENUH MASA	
1	Doktor Falsafah	4	0	0	0	4
2	Sarjana	4	1	5	0	10
3	Sarjana Muda	1	23	0	9	33
4	Diploma	0	0	2	0	2
JUMLAH		9	24	7	9	49

Pecahan Pegawai dan Kakitangan Yang Melanjutkan Pelajaran Dalam Tahun 2015



LAMAN WEB JUPEM GEOPORTAL

Laman web www.jupem.gov.my yang dikenali sebagai JUPEM Geoportal, sentiasa dikemaskinikan dari semasa ke semasa, merupakan medium penting yang menghubungkan JUPEM dengan pelanggan-pelanggannya. Ia merupakan satu langkah ke hadapan bagi memastikan urus tadbir korporat JUPEM lebih efisien dan sentiasa memenuhi kehendak pelanggan. Melalui portal, JUPEM dapat memenuhi keperluan pelanggan dan mendokong aspirasi Kerajaan dalam memperkasakan ICT dengan menyediakan pelbagai maklumat geospasial yang dihasilkan secara berpusat bagi tujuan menyediakan sistem pengurusan dan penyebaran maklumat secara atas talian, merealisasikan konsep e-Kerajaan, melakukan transaksi secara e-Dagang, serta menyediakan kemudahan *backup* atas talian.

Produk	Bilangan Transaksi 2015												Jumlah
	Jan	Feb	Mac	Apr	Mei	Jun	Jul	Ogos	Sept	Okt	Nov	Dis	
Pemetaan	2	0	2	0	0	0	0	0	1	1	0	0	6
Kadaster	5488	3942	5751	5988	4991	5195	4179	5455	4863	6525	5892	5581	63850
Geodesi	242	194	290	234	246	236	191	266	220	241	320	264	2944
Jumlah	5732	4136	6043	6222	5237	5431	4370	5721	5084	6767	6212	5845	66800

The screenshot shows the official website of JUPEM Geoportal. At the top, there is a navigation bar with links for 'UTAMA', 'INFO JUPEM', 'PRODUK & PERKHIDMATAN', 'SUMBER', 'MEDIA', 'ARKIB', and 'HUBUNGI KAMI'. Below this is a large banner celebrating the 6th anniversary of the agency, with the text 'AKRABJUPEM TAHUNIAH' and 'SEMPENA KONVENSYEN AKRAB KEBANGSAAN KALI KE-6 Tahun 2015'. The banner also mentions 'Jabatan Ukur dan Pemetaan Malaysia'. Below the banner, there are three main sections: 'PRODUK & PERKHIDMATAN' with images for 'Kadaster', 'Pemetaan', and 'Geodesi'; 'BERITA TERKINI' (Latest News) with a list of news items; and 'PENGUMUMAN' (Announcements) with a list of announcements. On the right side, there is a login section for 'APLIKASI EBIZ (SSO)' with fields for 'MyID/MyColD/E-Mel/MyPR' and 'Kata Laluan'. A large orange graphic on the right side of the screenshot contains the text 'LAMAN WEB RASMI JUPEM GEOPORTAL'.



FACEBOOK



TWITTER

PENERIMA BINTANG KEBESARAN PERSEKUTUAN DAN NEGERI

BIL.	NAMA PEGAWAI	JAWATAN/GRED	BAHAGIAN / JUPEM NEGERI	ANUGERAH DITERIMA
1	Datuk Prof. Sr Ahmad Fauzi bin Nordin	Juruukur / Gred Utama A	Ketua Pengarah Ukur dan Pemetaan Malaysia	Darjah Panglima Mahkota Wilayah (P.M.W) Darjah Sultan Ahmad Shah Pahang (D.S.A.P) Darjah Dato' Paduka Mahkota Terengganu (D.P.M.T)
2	Dato' Sr Hasan bin Jamil	Juruukur / Gred Utama B	Timbalan Ketua Pengarah Ukur dan Pemetaan I	Darjah Indera Mahkota Pahang (D.I.M.P)
3	Dato' Sr Abdul Aziz bin Haji Jantan	Juruukur / J54	Pengarah Ukur Bahagian (Pemetaan Topografi Semenanjung)	Darjah Indera Mahkota Pahang (D.I.M.P)
4	Sr Jasni bin A. Rahman	Juruukur / J54	Negeri Sembilan	Kesatria Mangku Negara (K.M.N)
5	Sr Ahmad Azman bin Ghazali	Juruukur / J54	Pulau Pinang	Bintang Cemerlang Negeri (B.C.N)
6	Sr Nor Azri Juhari bin Ahmad	Penolong Pengarah Ukur / J41	Pulau Pinang	Pingat Jasa Kebaktian (P.J.K)
7	Hasnan bin Arshad	Penolong Juruukur / JA36	Pulau Pinang	Pingat Jasa Kebaktian (P.J.K)
8	Izham bin Hamid	Penolong Juruukur / JA36	Pulau Pinang	Pingat Jasa Kebaktian (P.J.K)
9	Aminah binti Ghani	Penolong Juruukur / JA29	Kelantan	Pingat Setia Mahkota (P.S)
10	Jagathisvarna a/l Jaganathan	Penolong Juruukur / JA29	Pulau Pinang	Pingat Jasa Kebaktian (P.J.K)
11	Azman bin Daud	Pemandu Kenderaan / H11	Pulau Pinang	Pingat Jasa Kebaktian (P.J.K)
12	Tuan Haji Halmi bin Othman	Pembantu Awam / H11	Pulau Pinang	Pingat Jasa Kebaktian (P.J.K)
13	Mohtar bin Mahmud	Pembantu Awam / H11	Pulau Pinang	Pingat Jasa Kebaktian (P.J.K)
14	Inchek Hushin bin Din	Pembantu Awam / N11	Pulau Pinang	Pingat Jasa Kebaktian (P.J.K)

LAPORAN PRESTASI



INFRASTRUKTUR GEODETIK

UKURAN JARINGAN DAN KAWALAN GNSS

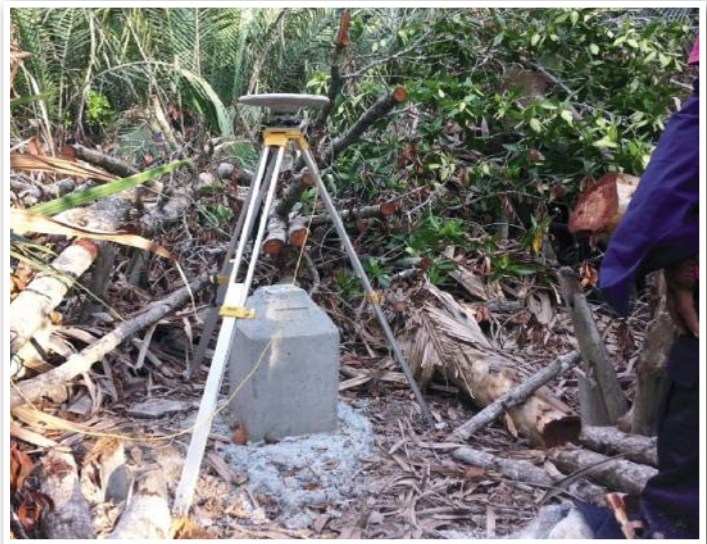
Kaedah pengukuran menggunakan Sistem Navigasi Satelit Global atau GNSS (*Global Navigation Satellite System*) adalah kaedah yang efisien, efektif dan terkini untuk mendapatkan kedudukan sesuatu titik di permukaan bumi.

Kaedah yang menggunakan rujukan silang pada satelit ini telah mula digunakan di JUPEM sejak awal 90-an lagi.

Dengan perkembangan teknologi dan pemodenan sistem GNSS, prestasi dan kualiti kerja pengukuran dapat dipertingkatkan bagi memberi kemudahan kepada pengguna.

Bagi tahun 2015, kerja-kerja pengukuran GNSS adalah melibatkan perancangan cerapan 900 stesen termasuk ukuran bagi menambahbaik jaringan *Cadastral Reference Mark (CRM)* untuk ukuran kadaster.

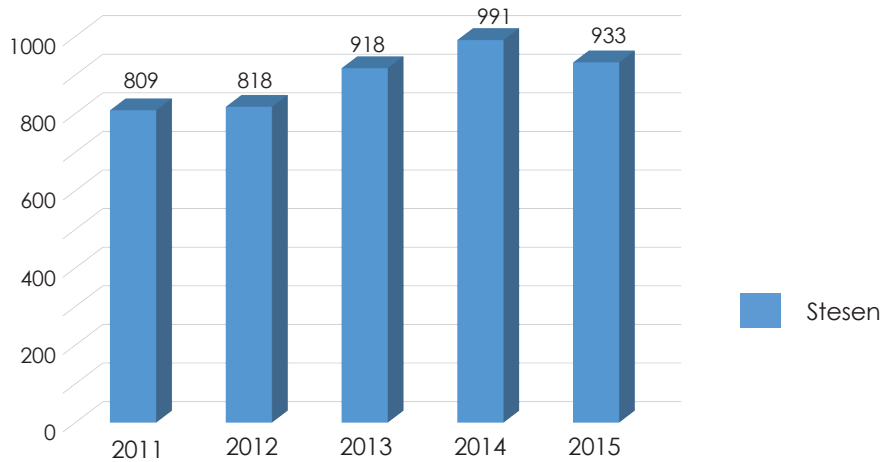
Pencapaian aktiviti jaringan pengukuran GNSS bagi tahun 2015 adalah sebanyak 933 stesen (104%) berbanding 900 stesen yang ditetapkan dan pecahan aktiviti adalah seperti berikut:



BIL.	AKTIVITI	STESEN
1	Cerapan GNSS bagi penubuhan Jaringan Ukur Kawalan Sempadan Antarabangsa Malaysia – Brunei Darussalam	24
2	Cerapan GNSS untuk GPS Levelling	43
3	Projek <i>Height Modernisation System (HMS)</i>	400
4	Cerapan GNSS untuk <i>Cadastral Reference Mark (CRM)</i>	430
5	Projek <i>Marine Geodetic Infrastructure In Malaysia Water (MAGIC)</i>	7
6	Projek Penubuhan Jaringan Ukur Kawalan Negeri Sembilan–Melaka	25
7	Projek Verifikasi Stesen PMGSN	4
	JUMLAH	933

Pencapaian aktiviti jaringan pengukuran GNSS bagi tempoh lima tahun terakhir adalah seperti berikut:

TAHUN	STESEN
2011	809
2012	818
2013	918
2014	991
2015	933



MyRTKnet

Lanjutan daripada perkembangan teknologi GNSS, sistem MyRTKnet (*Malaysian Real Time Kinematic Network*) telah dibangunkan sejak tahun 2003.

Kaedah pengukuran menggunakan *Real Time Kinematic* merupakan inovasi terkini dalam penentuan kedudukan relatif sesuatu titik.

Dengan jumlah sebanyak 78 stesen iaitu masing-masing 50 stesen di Semenanjung, 14 stesen di Sabah dan 14 stesen di Sarawak, sistem ini mampu memberikan hasil kerja pengukuran yang tepat dan jitu.



Pencapaian aktiviti MyRTKnet bagi tahun 2015 adalah seperti berikut:

BIL.	AKTIVITI	SKT 2015	PENCAPAIAN
1	Pengoperasian dan Penyelenggaraan Stesen MyRTKnet	100 kali	100 kali (100%)
2	Pengurusan Data GPS Stesen MyRTKnet	628,617 jam data	628,617 jam data (100%)
3	Pemprosesan Data GPS Stesen MyRTKnet Harian	26,192 set data	26,192 set data
4	Pemprosesan Data GPS Stesen MyRTKnet Mingguan & Tahunan	3,732 set data	3,732 set data

UJIAN TAPAK PILLAR KALIBRASI EDM/GNSS

Sasaran kerja bagi aktiviti ini baru diwujudkan pada tahun 2015 bagi melaksanakan ujian tapak kalibrasi sekali setahun ke atas 14 stesen. Oleh yang demikian, jumlah ujian yang perlu dilakukan pada tahun 2015 adalah sebanyak 14 kali. Senarai tapak ujian pillar kalibrasi EDM/GNSS yang terletak di Semenanjung Malaysia dan Wilayah Persekutuan Labuan adalah seperti berikut:



BIL.	LOKASI	BIL. STESEN
1	Arau, Perlis	1
2	Pokok Sena, Kedah	1
3	Kubang Semang, Pulau Pinang	1
4	Taiping, Perak	1
5	W.P. Kuala Lumpur	1
6	Port Dickson, Negeri Sembilan	1
7	Melaka	1
8	Batu Pahat, Johor	1
9	Temerloh, Pahang	1
10	Tg. Sepat, Pahang	1
11	Polis, Pahang	1
12	Dungun, Terengganu	1
13	Melor, Kelantan	1
14	W.P. Labuan	1
JUMLAH		14

Pencapaian aktiviti ujian tapak pillar kalibrasi EDM/GNSS bagi tahun 2015 adalah seperti berikut:

AKTIVITI	SKT 2015	PENCAPAIAN
Ujian Tapak Pillar Kalibrasi EDM/GNSS Semenanjung Malaysia dan W.P. Labuan	14 stesen	14 stesen (100%)

CERAPAN AIR PASANG SURUT

Pengoperasian 20 stesen tolok air pasang surut (STAPS) yang terdiri daripada 11 stesen di Semenanjung: (lokasinya di Jeti Telok Ewa Pulau Langkawi, Kedah; Penang Yacht Club George Town, Pulau Pinang; Pangkalan TLDM Lumut, Perak; Dermaga 25 Pelabuhan Utara Pelabuhan Kelang, Selangor; Jeti Tanjung Bruas Tanjung Keling, Melaka; Jeti Kukup, Johor; Kompleks LKIM Tanjung Sedili, Johor; Jeti Berjaya Beach Resort Pulau Tioman, Pahang; Pelabuhan Kuantan Tanjung Gelang, Pahang; Kompleks LKIM Cendering, Terengganu dan Kompleks LKIM Geting, Kelantan) manakala 6 stesen terletak di Sabah: (lokasinya di Pelabuhan Kota Kinabalu; Kudat; Pelabuhan Sandakan; Lahad Datu; Pelabuhan Tawau; Pulau Labuan) dan 3 stesen lagi terletak di Sarawak: (lokasinya di Sejingkat, Kuching; Pelabuhan Bintulu, Bintulu; Marina Park Miri) adalah untuk mendapatkan bacaan nilai aras purata laut yang akan digunakan sebagai datum tegak yang jitu dan seterusnya akan dijadikan sebagai rujukan asas bagi kerja-kerja pengukuran aras.



Lokasi Stesen STAPS di Semenanjung Malaysia, Sabah dan Sarawak

Pencapaian aktiviti cerapan air pasang surut bagi tahun 2015 adalah seperti berikut:

LOKASI	JUMLAH STESEN	SKT 2015	PENCAPAIAN
Semenanjung	11	132 set	132 set (100%)
Sabah	6	72 set	72 set (100%)
Sarawak	3	36 set	36 set (100%)

Aktiviti cerapan air pasang surut di 20 stesen STAPS berkenaan adalah bagi membolehkan Buku Rekod Cerapan Air Pasang Surut dan Buku Jadual Ramalan Air Pasang Surut dihasilkan untuk kegunaan pelbagai pihak.

Dalam tahun 2015, sebuah buku Rekod Cerapan Air Pasang Surut bagi tahun 2014 dan sebuah buku Jadual Ramalan Air Pasang Surut bagi tahun 2017 telah dapat diterbitkan.

JARINGAN UKUR ARAS

Pengukuran aras dijalankan bagi mendapatkan nilai ketinggian sesuatu titik di atas permukaan bumi. JUPEM telah menjalankan dua jenis ukuran aras iaitu Ukuran Aras Jitu dan Ukuran Aras Kelas Kedua. Pengukuran dan pemrosesan data ukuran aras ini meliputi kerja-kerja yang dijalankan di Semenanjung, Sabah dan Sarawak.



Bagi tahun 2015, pemrosesan data ukur aras jitu melibatkan laluan-laluan di Semenanjung sahaja. Laluan-laluan yang terlibat adalah laluan Karak–Pahang–Seremban, Negeri Sembilan; Machang–Jeli, Kelantan; Kuantan–Gambang, Pahang; Pontian Kecil–Skudai, Johor; Muar–Parit Jawa–Batu Pahat, Johor; Gulau–Durian Burung, Kedah; Kuala Perlis–Sintok (UUM), Kedah; Kuala Perlis–Kangar–Berseri–Padang Besar, Perlis dan Simpang Pertang–Batu Kikir–Bahau, Negeri Sembilan.

Pencapaian kerja-kerja ukuran aras bagi tahun 2015 adalah seperti berikut:

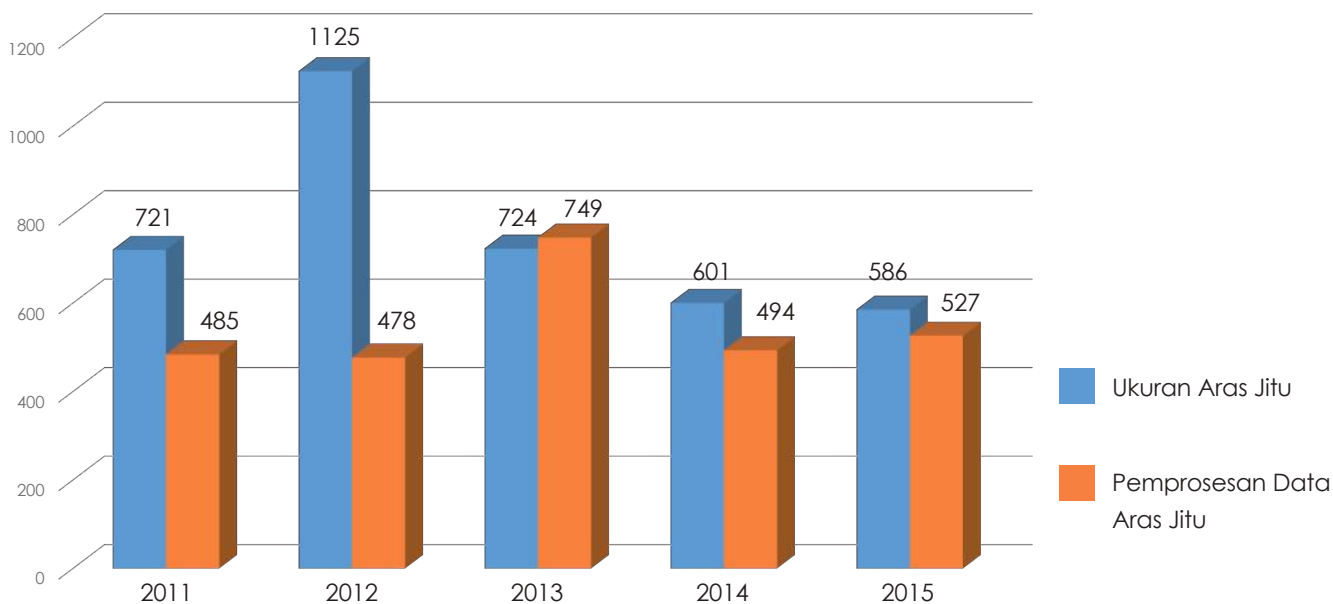
BIL.	AKTIVITI	PENCAPAIAN
1	Ukuran Aras Jitu	586 tanda aras
2	Pemrosesan Data Ukuran Aras Jitu	527 tanda aras
3	Pemrosesan Data Ukuran Aras Kelas Kedua	156 tanda aras

Pencapaian SKT aktiviti kerja-kerja ukuran aras jitu bagi tahun 2015 adalah seperti berikut:

UKURAN ARAS JITU		PEMROSESAN DATA ARAS JITU	
SKT 2015	PENCAPAIAN 2015	SKT 2015	PENCAPAIAN 2015
300 Tanda Aras	586 Tanda Aras (195%)	450 Tanda Aras	527 Tanda Aras (117%)

Pencapaian aktiviti kerja-kerja ukuran aras jitu bagi tempoh lima tahun terakhir adalah seperti berikut:

TAHUN	UKURAN ARAS JITU (TANDA ARAS)	PEMROSESAN DATA ARAS JITU (TANDA ARAS)
2011	721	485
2012	1,125	478
2013	724	749
2014	601	494
2015	586	527

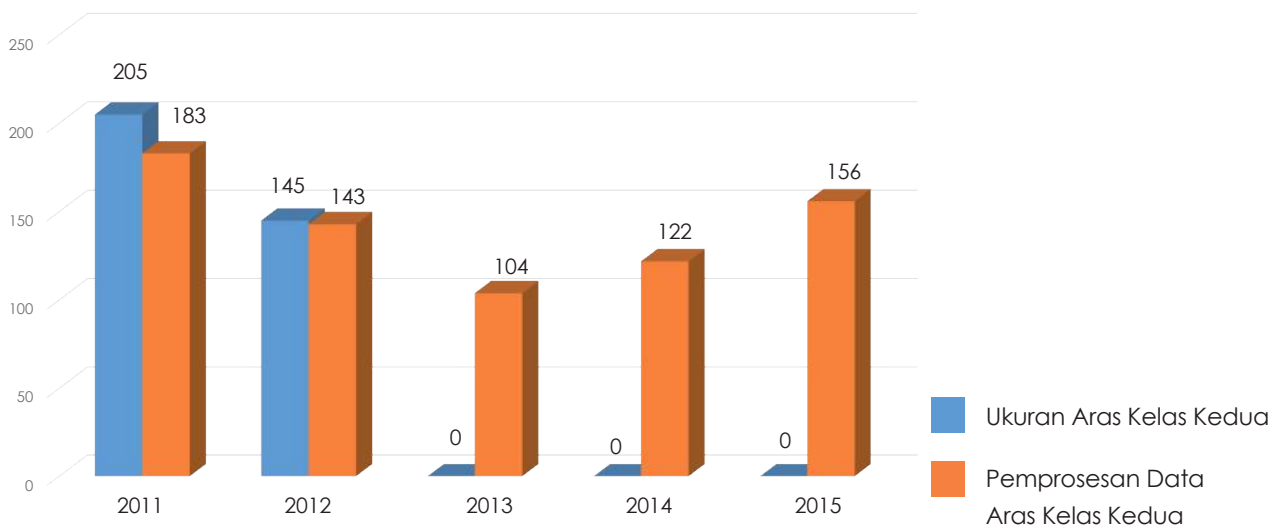


Pencapaian SKT aktiviti kerja-kerja ukuran aras kelas kedua bagi tahun 2015 adalah seperti berikut:

UKURAN ARAS KELAS KEDUA		PEMROSESAN DATA ARAS KELAS KEDUA	
SKT 2015	PENCAPAIAN 2015	SKT 2015	PENCAPAIAN 2015
0 Tanda Aras	0 Tanda Aras (0%)	100 Tanda Aras	156 Tanda Aras (156%)

Pencapaian aktiviti kerja-kerja ukuran aras kelas kedua bagi tempoh lima tahun terakhir adalah seperti berikut:

TAHUN	UKURAN ARAS KELAS KEDUA (TANDA ARAS)	PEMROSESAN DATA ARAS KELAS KEDUA (TANDA ARAS)
2011	205	183
2012	145	143
2013	0	104
2014	0	122
2015	0	156



Nota: Ukuran aras kelas kedua tidak dijalankan bagi tahun 2015 kerana memberi penumpuan kepada aktiviti pemetaan peta topografi dan peta tematik.

UKURAN GRAVITI

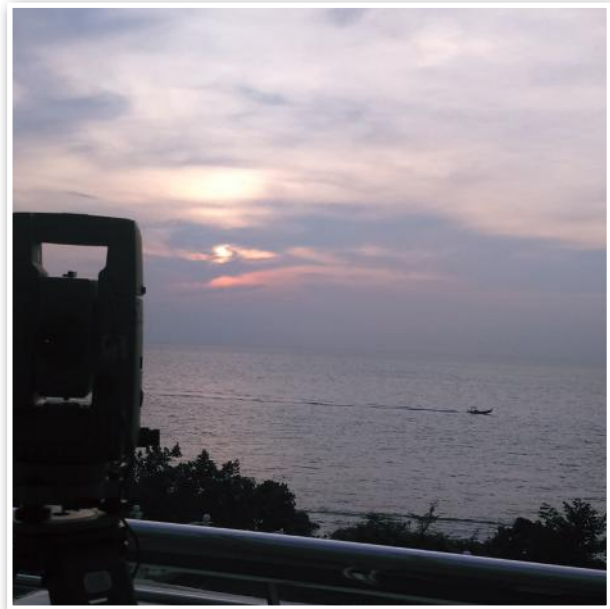
JUPEM telah memainkan peranan utama dalam menjalankan pengukuran graviti bagi tujuan mendapatkan pembetulan ketinggian ortometrik. Ketinggian ortometrik ini akan digunakan sebagai rujukan bagi kerja-kerja pemetaan, kejuruteraan, penyelidikan saintifik dan sebagainya.

Bagi tahun 2015, perancangan telah dibuat untuk menyiapkan 600 stesen bagi cerapan Graviti Tertib Pertama dan Ketiga di seluruh Negeri Kedah dan Perlis bagi Projek *Height Modernisation System*. Walau bagaimanapun, hanya 545 stesen dapat disiapkan cerapan disebabkan kerosakan alat gravimeter dalam bulan September 2015.



ASTRONOMI

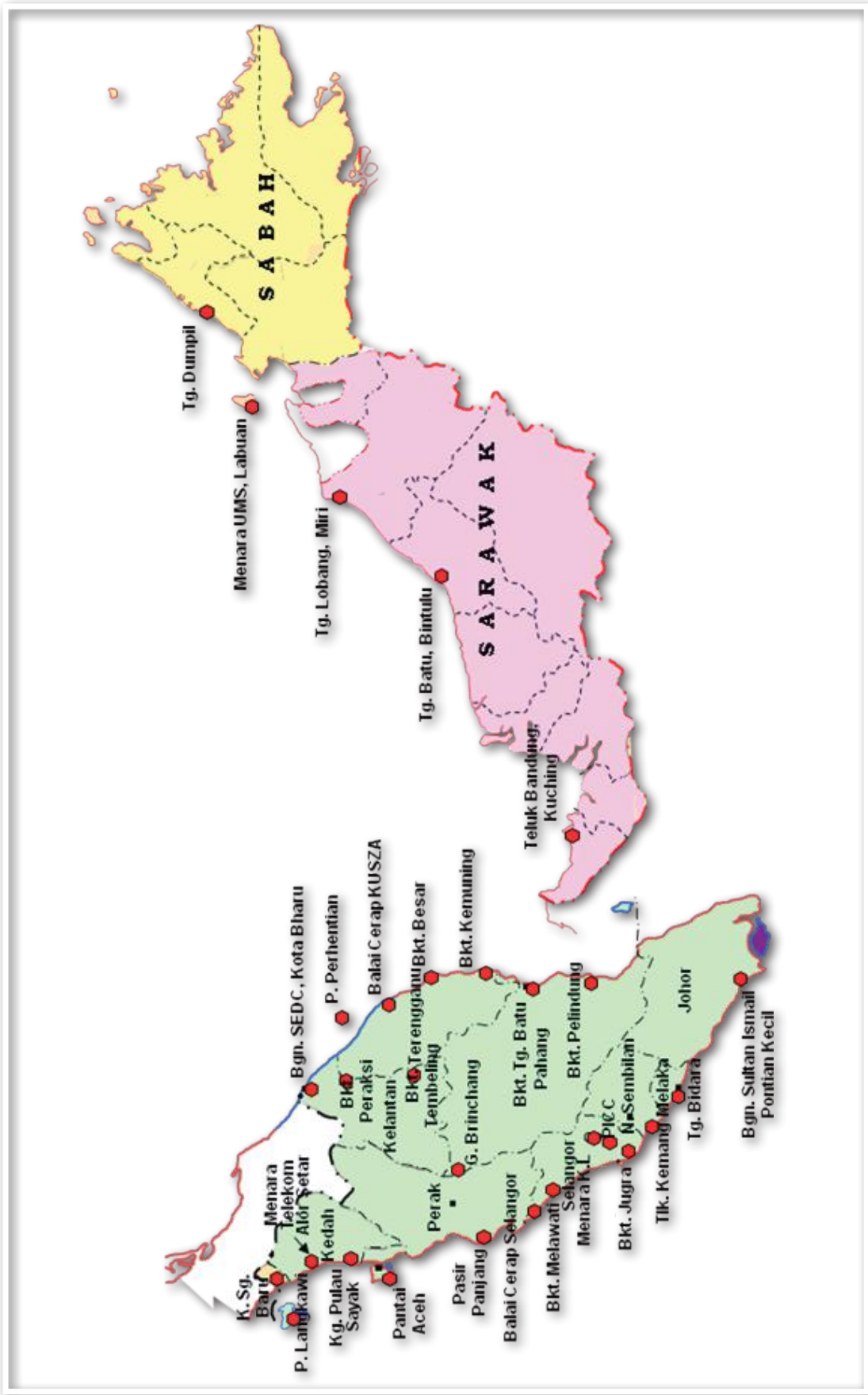
JUPEM merupakan sebuah agensi yang terlibat secara langsung dalam bidang astronomi khususnya dalam penyediaan data rukyah dan hلال. Dengan menganggotai Majlis Kebangsaan bagi Hal Ehwal Islam Negeri-negeri, JUPEM telah memainkan peranannya dengan memberikan perkhidmatan kepada orang awam terutama dalam penyediaan kalendar Islam, penentuan arah kiblat, cerapan rukyah dan hلال bagi penentuan tarikh-tarikh penting di dalam kalendar Islam seperti penentuan awal Ramadhan dan Syawal.



Pencapaian aktiviti berkaitan astronomi bagi tahun 2015 adalah seperti berikut:

BIL.	AKTIVITI	SKT 2015	PENCAPAIAN
1	Pengiraan Astronomi Rukyah dan Hلال	29 stesen	29 stesen (100%)
2	Cerapan Hلال di Balai Cerap Teluk Kemang bagi tujuan Kajian Semula Kriteria-kriteria Imkanur Rukyah	9 kali	9 kali (100%)
3	Cerapan Kajian Cerahan Langit	6 kali	6 kali (100%)

Pada tahun 2015, penyediaan data dalam penentuan awal bulan Ramadhan, Syawal dan Zulhijjah bagi tahun 1436 Hijrah telah dijalankan di 29 buah stesen cerapan hلال iaitu di Kuala Sungai Baru Simpang Empat, Perlis; Menara Telekom, Alor Setar, Kedah; Pulau Sayak, Kuala Muda, Kedah; Pemandangan Indah, Langkawi, Kedah; Pantai Acheh, Pulau Pinang; Pantai Pasir Panjang, Perak; Bukit Malawati, Kuala Selangor, Selangor; Balai Cerap Selangor, Bandar Nakhoda Omar, Selangor; Bukit Jugra, Selangor; Menara Kuala Lumpur; PICC Putrajaya; Telok Kemang, Negeri Sembilan; Tanjung Bidara, Melaka; Pontian Kechil, Johor; Bukit Tanjung Batu, Nenasi, Pekan, Pahang; Bukit Pelindung, Kuantan, Pahang; Gunung Berinchang, Cameron Highlands, Pahang; Bukit Geliga, Kemaman, Terengganu; Bukit Besar, Kuala Terengganu, Terengganu; Merang, Setiu, Terengganu; Pulau Perhentian, Besut, Terengganu; Menara Bangunan SEDC, Kota Bharu, Kelantan; Bukit Peraksi, Pasir Puteh, Kelantan; Bukit Kampung Tembeling, Kuala Krai, Kelantan; Tanjung Dumpil, Putatan, Sabah; Menara Universiti Malaysia Sabah, Labuan; Tanjung Lobang, Miri, Sarawak; Tanjung Batu, Bintulu, Sarawak dan Teluk Bandung, Kuching, Sarawak.



Lokasi Stesen Cerapan Hilal di Semenanjung, Sabah dan Sarawak

PERSEMPADAN ANTARABANGSA

PERSEMPADAN DARAT MALAYSIA - THAILAND

Projek penandaan dan pengukuran sempadan antara Malaysia-Thailand bagi sempadan legeh (*watershed*) yang berukuran sepanjang 551.5 km telah dimulakan pada 6 Julai 1973 dan telah siap pada 26 September 1985. Manakala bagi sempadan alur terdalam sungai (*Thalweg*) yang berukuran sepanjang 105.3 km telah dimulakan pada 1 November 2000 dan telah siap pada 28 Julai 2009. Projek ini telah dilaksanakan secara bersama dengan *Royal Thai Survey Department (RTSD)*. Pada masa ini aktiviti-aktiviti yang sedang dijalankan di bawah projek ini adalah Ukuran Pelbagai iaitu Ukuran Siasatan, Tanam Pastian dan kerja-kerja Penyelenggaraan Sempadan Bersama Antarabangsa Malaysia -Thailand.

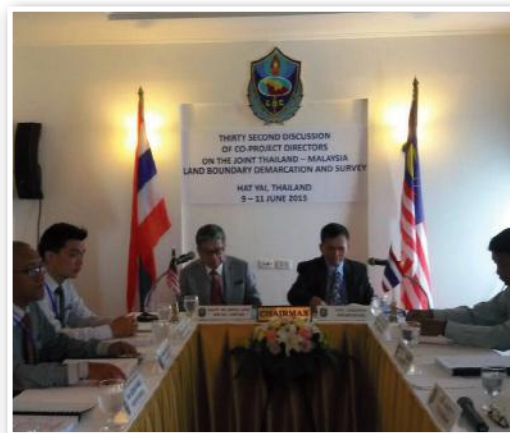
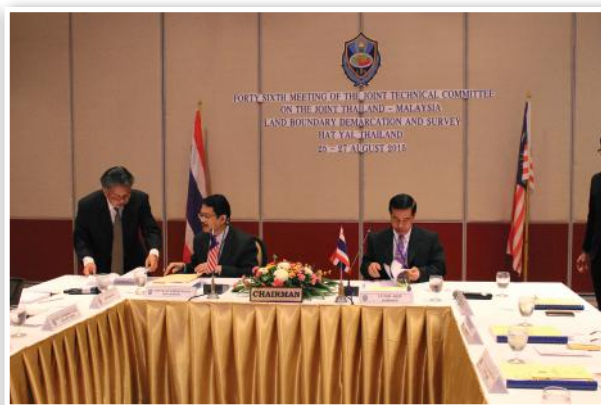
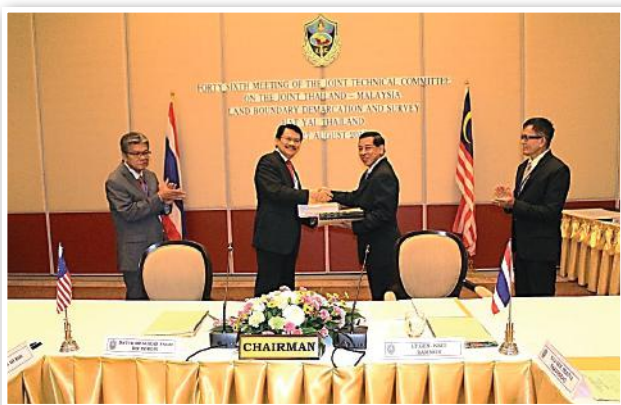
Pencapaian aktiviti ukuran siasatan, tanam pastian dan kerja-kerja penyelenggaraan sempadan di Kawasan Keutamaan IV (BP51-BP54A), Kawasan Keutamaan II (BP7C-BP8C) bagi tahun 2015 adalah seperti berikut:

BIL.	KAWASAN	SKT 2015	PENCAPAIAN
1	Seksyen C - IV (BP51-BP54A)	4.6 km	4.6 km (100%)
2	Seksyen D - IV (BP51-BP54A)	5.2 km	5.2 km (100%)
3	Seksyen E - IV (BP51-BP54A)	4.8 km	4.8 km (100%)
4	Seksyen F - IV (BP51-BP54A)	5.3 km	5.3 km (100%)
5	Seksyen A - II (BP7C-BP8C)	6.9 km	6.9 km (100%)
6	Seksyen B - II (BP7C-BP8C)	7.2 km	7.2 km (100%)
	JUMLAH		34.0 km



Selain daripada itu, mesyuarat-mesyuarat yang telah diadakan berkaitan dengan persempadanan antarabangsa darat antara Malaysia dan Thailand adalah seperti berikut:

BIL.	PERBINCANGAN	TARIKH
1	Perbincangan Ke-31 Pengarah Projek Bersama (DIS-CPD-31) Penandaan, Pengukuran dan Penyelenggaraan Sempadan Antarabangsa Thailand-Malaysia di Chiang Mai, Thailand	10 - 12 Februari 2015
2	Mesyuarat <i>High Level Committee</i> Ke-31 Malaysia-Thailand (HLC-31) di Bangkok, Thailand	13 - 15 Mei 2015
3	Perbincangan Ke-32 Pengarah Projek Bersama (DIS-CPD-32) Penandaan, Pengukuran dan Penyelenggaraan Sempadan Antarabangsa Thailand-Malaysia di Hat Yai, Thailand	9 - 11 Jun 2015
4	Mesyuarat Ke-46 Jawatankuasa Teknikal Bersama Malaysia-Thailand (JTC-46) di Hat Yai, Thailand	25 - 27 Ogos 2015
5	Mesyuarat <i>High Level Committee</i> Ke-32 Malaysia-Thailand (HLC-32) di Kuala Lumpur, Malaysia	14 September 2015
6	Mesyuarat Suruhanjaya Bersama (JC) Ke-13 dan Mesyuarat <i>Joint Development Strategy</i> (JDS) Ke-4 di Kuala Lumpur, Malaysia	21 - 22 Oktober 2015
7	Mesyuarat Ke-2 Thailand-Malaysia <i>Technical Team For Border Co-Management</i> di Hat Yai, Thailand	8 Disember 2015



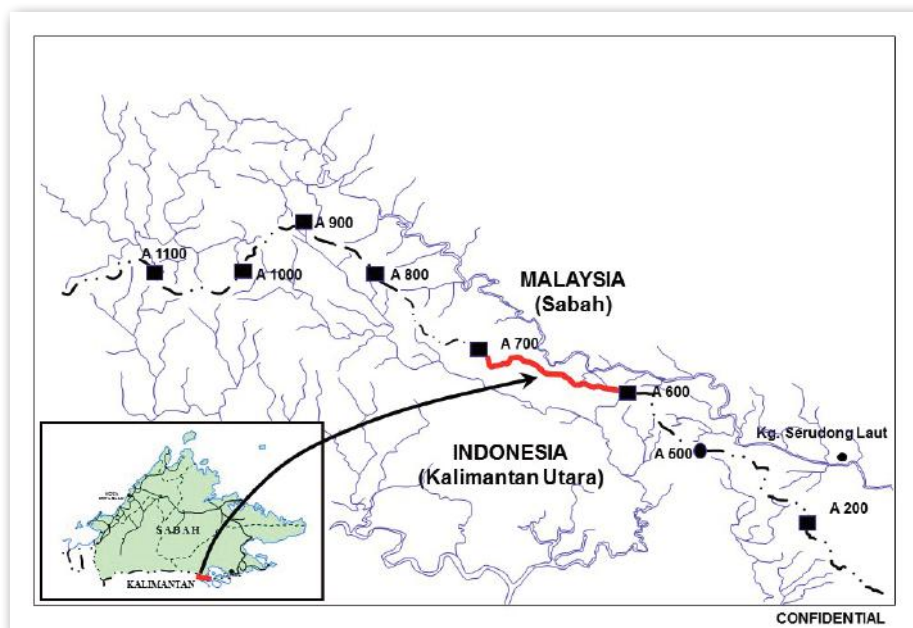
PERSEMPADAN DARAT MALAYSIA - INDONESIA

Mesyuarat Ke-39 Jawatankuasa Bersama Sempadan Antarabangsa Malaysia-Indonesia telah diadakan di Miri, Sarawak pada 27-29 November 2014 bagi membincangkan Projek Pengukuran Sempadan Antarabangsa Sarawak-Kalimantan Barat dan Sempadan Antarabangsa Sabah-Kalimantan Utara yang antara lainnya ialah Program Ukur Bagi Tahun 2015. Dalam mesyuarat tersebut, kedua-dua pihak telah bersetuju untuk menjalankan kerja-kerja ukuran siasatan, tanam pastian dan penyelenggaraan (IRM) bagi Sektor Sabah-Kalimantan Utara, di Sub-Sektor A600-A700 dalam Kawasan Keutamaan I (A-B) sejauh 8.0 km dan bagi Sektor Sarawak-Kalimantan Barat di Sub-Sektor H300-H500 dalam Kawasan Keutamaan VII (H I) dengan jarak sejauh 15.0 km.

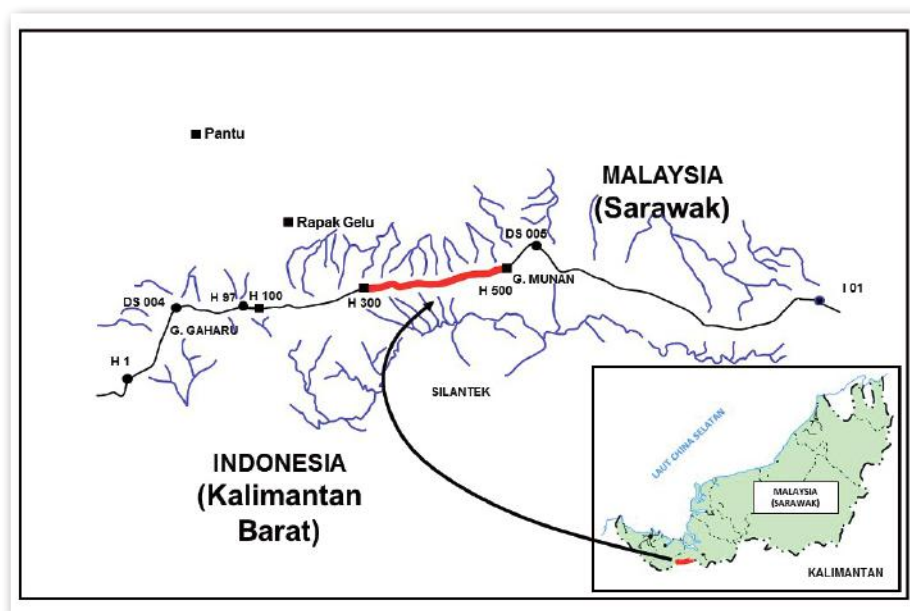


Mesyuarat Ke-45 Jawatankuasa Teknikal Bersama dalam Projek Penandaan dan Pengukuran Sempadan Antarabangsa Indonesia-Malaysia di Bali, Indonesia pada 24-26 November 2015 antara lainnya telah melaporkan pencapaian aktiviti ukuran siasatan, tanam pastian dan kerja-kerja penyelenggaraan bagi tahun 2015 adalah seperti berikut:

BIL.	KAWASAN	SKT 2015	PENCAPAIAN
1	Sabah-Kalimantan Utara	8.0 km	8.0 km (100%)
2	Sarawak-Kalimantan Barat	15.0 km	15.0 km (100%)



Projek Pengukuran Sempadan Antarabangsa Sabah-Kalimantan Utara



Projek Pengukuran Sempadan Antarabangsa Sarawak-Kalimantan Barat

Mesyuarat berkaitan dengan persempadanan antarabangsa darat antara Malaysia dan Indonesia yang telah diadakan dalam tahun 2015 adalah seperti berikut:

BIL.	PERBINCANGAN	TARIKH
1	<i>Special Discussion For The Joint Border Mapping Between Indonesia (Kalimantan Utara & Kalimantan Barat) dan Malaysia (Sabah & Sarawak) di Bandung, Indonesia</i>	25-27 Mei 2015
2	<i>Special Discussion For The Joint Border Mapping Between Indonesia (Kalimantan Utara & Kalimantan Barat) and Malaysia (Sabah & Sarawak) di Shah Alam, Selangor, Malaysia</i>	17-21 Ogos 2015
3	<i>Special Discussion For The Common Border Datum Reference Frame di Genting Highland, Pahang, Malaysia</i>	25-27 Ogos 2015
4	<i>Mesyuarat Ke-12 JWG on Common Border Datum Reference Frame and Joint Border Mapping Malaysia-Indonesia di Terengganu, Malaysia</i>	21-23 Oktober 2015
5	Mesyuarat Ke-8 Kumpulan Kerja Bersama bagi Kawasan-kawasan Bermasalah (JWG-OBP) dalam Projek Penandaan dan Pengukuran Sempadan Antarabangsa Indonesia (Kalimantan Utara) - Malaysia (Sabah) di Shah Alam, Selangor, Malaysia	4-6 November 2015
6	Mesyuarat Ke-45 Jawatankuasa Teknikal Bersama Malaysia (Sabah & Sarawak) dan Indonesia (Kalimantan Utara & Kalimantan Barat) di Bali, Indonesia	24-26 November 2015
7	Persidangan Ke-33 Jawatankuasa Kerja Sosek Indonesia - Malaysia di Batam, Kepulauan Riau, Indonesia	14-15 Disember 2015

PERSEMPADANAN MARITIM MALAYSIA - INDONESIA

Mesyuarat Teknikal Mengenai Isu-isu Pembatasan Sempadan Maritim Antara Malaysia dan Indonesia merupakan mesyuarat berjadual yang diadakan secara berkala sejak tahun 2005 dan diketuai oleh Kementerian Luar Negeri (KLN). Di samping itu, *Technical Working Group (TWG) on Maritime Boundaries Delimitation between Malaysia and The Republic of Indonesia* yang diketuai oleh Pengarah Ukur Bahagian (Ehwal Persempadanan), Jabatan Ukur dan Pemetaan Malaysia telah ditubuhkan di bawah Jawatankuasa Teknikal tersebut bagi membincangkan isu-isu teknikal berkaitan penentuan sempadan maritim antara Malaysia dan Indonesia.



Mesyuarat-mesyuarat berkaitan persempadanan maritim antara Malaysia dan Indonesia yang telah diadakan dalam tahun 2015 adalah seperti berikut:

BIL.	PERBINCANGAN	TARIKH
1	Mesyuarat Persediaan Antara Agensi Berhubung <i>27th Technical Meeting on Maritime Boundaries Delimitation between Malaysia and The Republic of Indonesia</i> di Wisma Putra, Putrajaya	12 Februari 2015
2	<i>27th Technical Meeting on Maritime Boundaries Delimitation between Malaysia and The Republic of Indonesia</i> di Jakarta, Indonesia	26-28 Februari 2015
3	Mesyuarat Persediaan Antara Agensi Bagi <i>28th Technical Meeting On The Delimitation Of Maritime Boundaries Between Malaysia-Republic Of Indonesia</i> , di Wisma Putra, Putrajaya	26 Mei 2015
4	<i>28th Technical Meeting on Maritime Boundaries Delimitation between Malaysia and The Republic of Indonesia</i> , di Kuching, Sarawak	14-16 Jun 2015
5	Mesyuarat Persediaan bagi <i>2nd Meeting on the Review of the Implementation on the MoU Between the Government of Malaysia and the Government of the Republic of Indonesia in respect of the Common Guidelines Concerning Treatment of Fishermen by Maritime Law Enforcement Agencies of Malaysia and the Republic of Indonesia (2nd Review Meeting MoU Common Guidelines)</i> di MKN, Putrajaya	28 Oktober 2015
6	Mesyuarat Persediaan Antara Agensi Bagi <i>29th Technical Meeting On The Delimitation Of Maritime Boundaries Between Malaysia-Republic Of Indonesia</i> di Wisma Putra, Putrajaya	17 November 2015
7	Mesyuarat Persediaan Antara Agensi bagi Mekanisme Baru Berhubung Pembatasan Sempadan Maritim di antara Malaysia dan Indonesia di Laut Sulawesi di Wisma Putra, Putrajaya	22 Disember 2015

PERSEMPADANAN MARITIM MALAYSIA - SINGAPURA

Kerja-kerja Ukuran Bersama antara Malaysia dan Singapura telah dijalankan sebagai persiapan awal terhadap kerja-kerja penentuan persempadanan maritim di sekitar Batu Puteh, Batuan Tengah dan Tubir Selatan. Dalam hubungan yang berkaitan, JUPEM melalui Bahagian Ehwal Persempadanan terlibat sebagai urus setia bersama dalam Mesyuarat Penentuan Persempadanan Maritim Malaysia-Singapura. Di samping itu, Bahagian Ehwal Persempadanan juga terlibat dengan mesyuarat-mesyuarat berhubung kait dengan persempadanan maritim di antara Malaysia-Singapura seperti berikut:

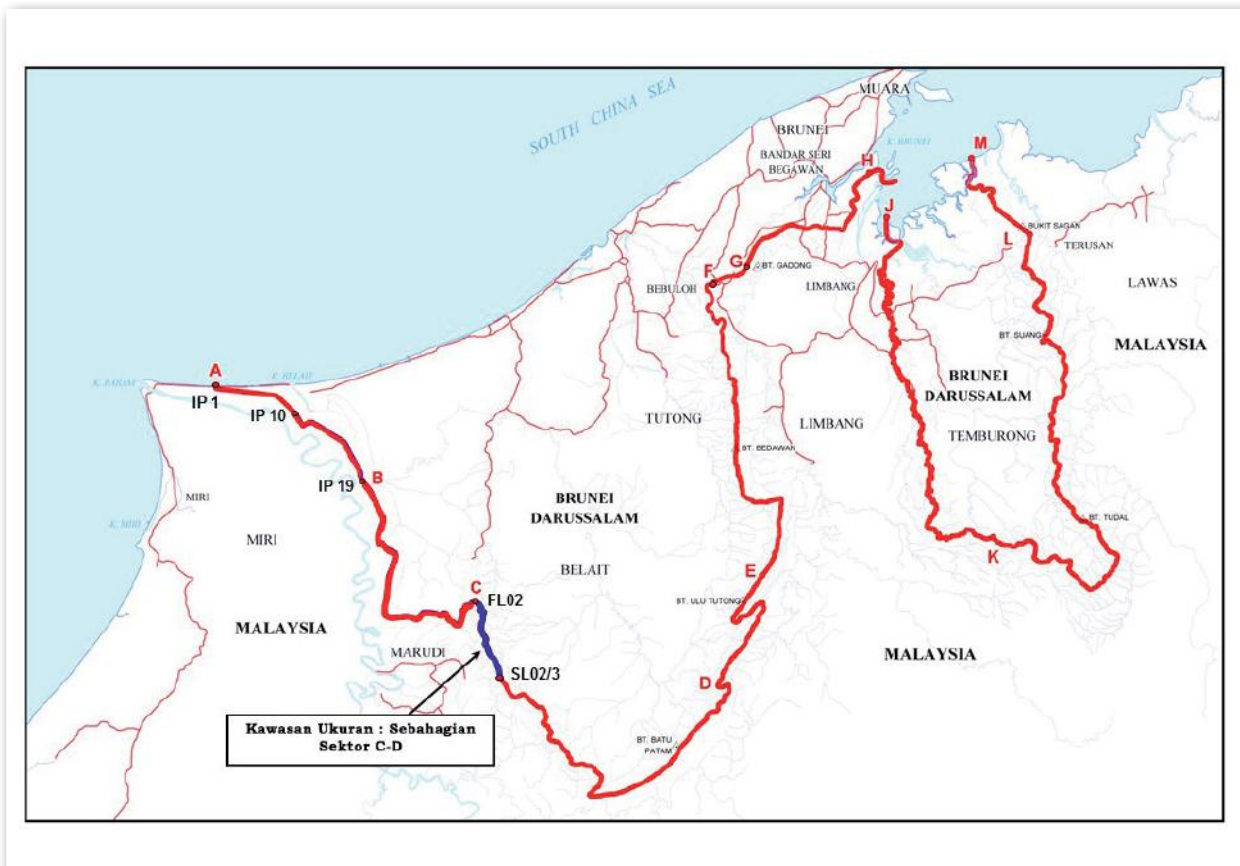
BIL.	PERBINCANGAN	TARIKH
1	Mesyuarat Teknikal Penambakan Laut di Selat Johor: <i>Settlement Agreement 2005</i> di Jabatan Alam Sekitar, NRE, Putrajaya	12 Februari 2015
2	Mesyuarat Penubuhan Kumpulan Penasihat Rundingan <i>Malaysia-Singapore Joint Committee on the Environment (MSJCE)</i> di Jabatan Alam Sekitar, NRE, Putrajaya	10 Mac 2015
3	Mesyuarat Antara Agensi Berhubung Draf Rekod Mesyuarat Ke-7 Jawatankuasa Teknikal Bersama Malaysia - Singapura Berhubung Pelaksanaan Penghakiman Mahkamah Keadilan Antarabangsa ke atas Batu Puteh, Batuan Tengah dan Tubir Selatan di Wisma Putra, Putrajaya	2 April 2015
4	Mesyuarat Teknikal Projek-Projek Penambakan di Sepanjang Selat Johor Bil. 3/2015 di Pusat Pencerapan Bumi (EOC), Universiti Kebangsaan Malaysia, Bangi, Selangor	3 April 2015
5	Taklimat Mengenai Batu Puteh, Batuan Tengah dan Tubir Selatan diberikan kepada YAB Menteri Besar Johor dan Ahli-Ahli Majlis Mesyuarat Kerajaan Negeri Johor di Pejabat Menteri Besar, Johor Bahru, Johor	30 Jun 2015
6	Mesyuarat Teknikal Projek-Projek Penambakan di Sepanjang Selat Johor Bil. 9/2015 di Pusat Pencerapan Bumi (EOC), Universiti Kebangsaan Malaysia, Bangi, Selangor	1 September 2015
7	Mesyuarat Teknikal Projek-Projek Penambakan di Sepanjang Selat Johor Bil. 10/2015 di Pusat Pencerapan Bumi (EOC), Universiti Kebangsaan Malaysia, Bangi, Selangor	8 September 2015
8	Mesyuarat Teknikal Projek-Projek Penambakan di Sepanjang Selat Johor Bil. 12/2015 di Pusat Pencerapan Bumi (EOC), Universiti Kebangsaan Malaysia, Bangi, Selangor	30 September 2015
9	Bengkel dan Mesyuarat Jawatankuasa Pemandu dan Teknikal bagi Program Data Alam Sekitar di Sepanjang Selat Johor dan di Sekitar Batuan Tengah dan Tubir Selatan Bil. 2/2015 di Johor Bahru, Johor	9-11 Disember 2015

PERSEMPADAN DARAT MALAYSIA - BRUNEI DARUSSALAM

Bagi tahun 2015, kedua-dua pihak telah bersetuju untuk menjalankan kerja Penandaan dan Pengukuran Sempadan Antarabangsa Malaysia–Brunei Darussalam bagi sebahagian dari sektor (C–D) iaitu dari Sektor (C-D) TL02/2–SL02/3 dan Sektor (K-L) TL07/21 – FL08 dengan jarak 11 km.

Pasukan Ukur Bersama telah memulakan kerja Penandaan dan Pengukuran Sempadan Antarabangsa Malaysia-Brunei bagi sebahagian dari sektor (C–D) iaitu dari Sektor (C-D) TL02/2 – SL02/3 dan kerja ukur kawalan di Sektor (K-L) TL07/21 – FL08.

Sehingga 31 Disember 2015, Pasukan Ukur Bersama telah menjalankan kerja-kerja ukuran dan demarkasi sebanyak 5.84 km.



Penandaan dan Pengukuran Sempadan Antarabangsa Malaysia-Brunei (Sektor C-D)

Pencapaian aktiviti kerja pengukuran bagi tahun 2015 adalah seperti berikut:

KAWASAN	SKT 2015	PENCAPAIAN
Sektor (C-D) TL02/2 – SL02/3 (5km)	11.0 km	5.84 km (53%)*
Sektor (K-L) TL07/21 – FL08 (6km)		

*Pencapaian hanya 53% disebabkan Sektor K-L tidak dijalankan kerana tumpuan kepada kerja pengukuran khas *Joint Preliminary Visual Investigation* dan ukuran topografi di Sektor F-G (Bebuloh ke Bukit Gadong).



Mesyuarat berkaitan dengan persempadanan Antarabangsa Darat antara Malaysia dan Brunei yang telah diadakan dalam tahun 2015 adalah seperti berikut:

BIL.	PERBINCANGAN	TARIKH
1	Pra Mesyuarat Antara Agensi Ke-16 Bagi Membincangkan Pelaksanaan <i>Exchange Of Letters (EOL)</i> di antara Malaysia Dengan Brunei Darussalam di Wisma Putra, Putrajaya	30 Jun 2015
2	Mesyuarat Dua Hala Ke-16 Mengenai Pelaksanaan <i>Exchange of Letters (EOL)</i> di antara Malaysia dan Brunei Darussalam, di Kuala Lumpur	4 Ogos 2015
3	Rundingan Tahunan Ke-19 Antara PSB Sultan Brunei Darussalam dengan YAB Perdana Menteri Malaysia di Bandar Seri Begawan, Brunei	10-11 Ogos 2015
4	Mesyuarat Ke-12 Jawatankuasa Teknikal Persempadanan Darat antara Malaysia-Brunei Darussalam di Kuala Terengganu, Terengganu	7 - 9 September 2015

PROJEK PELANTAR BENUA MALAYSIA

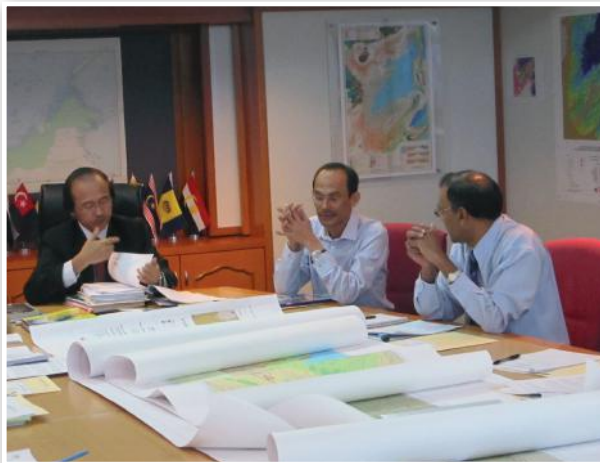
Artikel 76, Konvensyen Undang-Undang Laut (KUUL), Pertubuhan Bangsa-Bangsa Bersatu 1982 memperuntukkan bagi negara-negara berpantai yang berhasrat untuk menetapkan perbatasan luar pelantar benua melebihi 200 batu nautika dari garis pangkal laut wilayahnya dikehendaki supaya mengemukakan data saintifik dan maklumat teknikal kepada Suruhanjaya Mengenai Had-Had Pelantar Benua (CLCS-Commission on the Limits of the Continental Shelf) selewat-lewatnya pada 13 Mei 2009. Selaras dengan itu, Mesyuarat Jawatankuasa Kecil Pelantar Benua yang telah diadakan di Majlis Keselamatan Negara (MKN), Jabatan Perdana Menteri pada 25 Ogos 2001 telah menubuhkan Kumpulan Kerja Pelantar Benua serta melantik JUPEM sebagai Lead Agency bagi mengumpul, menganalisis dan merangka penyediaan dokumen *submission* kepada CLCS.

Jemaah Menteri pada 23 Julai 2008 telah bersetuju tuntutan had pelantar benua dikemukakan secara *Joint Submission* dengan Vietnam. Dalam hal ini, dokumen *Joint Submission* Malaysia dan Republik Sosialis Vietnam telah berjaya dikemukakan kepada pihak CLCS di Pertubuhan Bangsa-Bangsa Bersatu, New York pada 6 Mei 2009. Seterusnya, pihak Malaysia dan Republik Sosialis Vietnam telah membentangkan *preliminary presentation Malaysia-Vietnam Joint Submission* semasa *24th session of the CLCS* di Ibu Pejabat Pertubuhan Bangsa-Bangsa Bersatu, New York, Amerika Syarikat pada 27 Ogos 2009. Walau bagaimanapun, pada 1 Oktober 2009 pihak CLCS telah menangguhkan pertimbangan bagi penelitian terhadap dokumen *Joint Submission* tersebut berikutan Nota Bantahan daripada pihak Republik Rakyat China dan Filipina. Keputusan CLCS menangguhkan *Joint Submission* tersebut merupakan halangan pertama yang perlu diatasi secara bersama oleh Malaysia dan Vietnam dalam memastikan dokumen *Joint Submission* dapat diteliti seterusnya menerima *recommendations* daripada pihak CLCS.

Dalam hubungan berkaitan, keputusan Jemaah Menteri bertarikh 22 April 2009 antara lain telah bersetuju supaya penyediaan *unilateral or joint submission* Malaysia bagi *remaining portion of the extended continental shelf* terus dilaksanakan. Sehubungan itu, pada masa kini pihak JUPEM bersama agensi-agensi terlibat sedang menyediakan dokumen *submission* bagi tujuan tuntutan baki had pelantar benua yang dikenali sebagai Projek Pelantar Benua Malaysia Fasa II. Aktiviti-aktiviti yang dijalankan bertujuan memastikan pelaksanaan Projek Pelantar Benua Malaysia Fasa II dapat diteruskan seiring dengan perancangan yang ditetapkan merangkumi mesyuarat, perbincangan dan latihan kepada pegawai pelapis dalam memastikan *sustainability* Projek Pelantar Benua Malaysia dapat dipelihara demi kepentingan nasional. Antara pencapaian aktiviti-aktiviti dan mesyuarat-mesyuarat yang diadakan dalam tahun 2015 adalah seperti berikut:



BIL.	PERBINCANGAN	TARIKH
1	Mesyuarat Jawatankuasa Pelantar Benua Malaysia Bil.1/2015 di Bilik Tanjung, MKN, Putrajaya	16 April 2015
2	Perbincangan <i>Informal</i> di antara Malaysia dan Vietnam berhubung Persempadanan Maritim dan Perbincangan <i>Informal</i> di antara Malaysia dan Vietnam berhubung Malaysia-Vietnam <i>Joint Submission to the Commission of the Limits of the Continental Shelf</i> di Wisma JUPEM, Kuala Lumpur	27 Mei 2015
3	Mesyuarat Jawatankuasa Kumpulan Wang Amanah Projek Pelantar Benua Malaysia Bil.1/2015 di MKN, Putrajaya	6 Ogos 2015
4	<i>16th Vietnam-Malaysia Joint Technical Expert Committee (JTEC) on the Issue of Joint Submission pursuant to Article 76 of the UNCLOS 1982</i> di Hanoi, Vietnam	25-27 Ogos 2015
5	Mesyuarat Pasukan Kerja Teknikal Pelantar Benua 2015 di Wisma JUPEM, Kuala Lumpur	29 Oktober 2015
6	Mesyuarat Jawatankuasa Kumpulan Wang Amanah Projek Pelantar Benua Malaysia Bil.2/2015 di MKN, Putrajaya	16 Disember 2015
7	Mesyuarat Kumpulan Kerja Pelantar Benua 2015 di Wisma JUPEM, Kuala Lumpur	18 Disember 2015



PERSEMPADAN NEGERI

PROJEK PENANDAAN DAN PENGUKURAN SEMPADAN BERSAMA ANTARA NEGERI-NEGERI SEMENANJUNG MALAYSIA

Pencapaian aktiviti penandaan dan pengukuran sempadan bersama antara Negeri Sembilan dan Melaka bagi tahun 2015 adalah seperti berikut:

SEMPADAN NEGERI	SKT 2015	PENCAPAIAN
Negeri Sembilan–Melaka	22.1 km	22.1 km (100%)



Pengukuran Sempadan Bersama Antara Negeri Sembilan dan Melaka

Berikut merupakan senarai mesyuarat sepanjang tahun 2015 yang berkaitan dengan sempadan antara negeri-negeri yang dihadiri oleh Jabatan:

BIL.	PERBINCANGAN	TARIKH
1	Mesyuarat Jawatankuasa Bersama Teknikal Penandaan Dan Pengukuran Sempadan Maritim Bersama Negeri Selangor Dengan Negeri Perak Dan Negeri Sembilan Bil.1/2015 di PTG Shah Alam, Selangor	4 Februari 2015
2	Mesyuarat Jawatankuasa Bersama Teknikal Penandaan Dan Pengukuran (Persempadanan Kedah-Perlis) Bil.2/2015 di PTG Kedah, Alor Setar, Kedah	23 Februari 2015
3	Mesyuarat Jawatankuasa Bersama Teknikal Penandaan Dan Pengukuran Sempadan Bersama Antara Negeri Selangor dan Wilayah Persekutuan Putrajaya Bil.1/2015 di PTG Selangor, Shah Alam, Selangor	3 Mac 2015
4	Mesyuarat Jawatankuasa Teknikal Persempadanan Bersama Negeri Sembilan dan Negeri Melaka di Pej. Daerah dan Tanah, Seremban, Negeri Sembilan	12 Mac 2015
5	Mesyuarat Jawatankuasa Teknikal Bersama bagi Penandaan Dan Pengukuran Sempadan Bersama Antara Negeri Perak Dan Negeri Selangor Bil.1/2015 di JKPTG Ipoh, Ipoh, Perak	26 Mac 2015
6	Mesyuarat Teknikal Peringkat JUPEM Negeri bagi Penentuan Jajaran Sempadan Bersama Negeri Johor dan Negeri Sembilan di JUPEM Johor, Johor Bahru	27 Mei 2015
7	Mesyuarat Jawatankuasa Kumpulan Wang Amanah Projek Penandaan dan Pengukuran Sempadan Bersama di Antara Negeri-Negeri Semenanjung Malaysia Bil.1/2015 di Bilik Mesyuarat Berlian, Aras 11, Wisma JUPEM, Kuala Lumpur	27 Mei 2015
8	Mesyuarat Jawatankuasa Bersama Teknikal Penandaan Dan Pengukuran Sempadan Antara Negeri Terengganu Dan Pahang di PTG, Kuantan, Pahang	28 Mei 2015
9	Mesyuarat <i>Outreach And Engagement Programme</i> Siri 1/2015 bagi membincangkan Projek Penandaan dan Pengukuran Sempadan Bersama Negeri Selangor-Pahang dan Negeri Selangor-Negeri Sembilan di Bilik Mesyuarat Zamrud, Aras 12, Wisma Sumber Asli, Putrajaya	17 Jun 2015
10	Mesyuarat <i>Outreach And Engagement Programme</i> Siri 2/2015 bagi membincangkan Projek Penandaan dan Pengukuran Sempadan Bersama Bagi Negeri Sembilan-Johor, Negeri Johor-Melaka dan Negeri Johor-Pahang di Bilik Mesyuarat Zamrud, Aras 12, Wisma Sumber Asli, Putrajaya	17 Jun 2015
11	Mesyuarat Jawatankuasa Teknikal Sempadan Bersama Terengganu-Pahang di Bilik Mesyuarat Juruukur Daerah Selatan, Kemaman, Terengganu	27 Ogos 2015

BIL.	PERBINCANGAN	TARIKH
12	Mesyuarat Jawatankuasa Penandaan dan Pengukuran Sempadan Bersama Negeri antara Kedah-Pulau Pinang dan Kedah-Perak di PTG Kedah, Alor Setar, Kedah	9 September 2015
13	Mesyuarat Penyelarasan bagi Membincangkan Persempadanan Antara Negeri Selangor dan Wilayah Persekutuan Kuala Lumpur/ Putrajaya di Bilik Mesyuarat JUPEM W.P. Kuala Lumpur/Putrajaya, Tingkat 4, Wisma JUPEM, Kuala Lumpur	21 September 2015
14	Mesyuarat Khas Memuktamadkan Penyelesaian Pertikaian Jajaran Penandaan dan Pengukuran Sempadan Melaka-Negeri Sembilan di Bilik Mesyuarat JUPEM Melaka, Melaka	7 Oktober 2015
15	Mesyuarat Mengenai Penandaan dan Pengukuran Sempadan Bersama antara Negeri Selangor dengan Wilayah Persekutuan Kuala Lumpur dan Wilayah Persekutuan Putrajaya di Pejabat Pengarah Tanah dan Galian W.P. Kuala Lumpur, Kuala Lumpur	8 Oktober 2015
16	Mesyuarat bagi membincangkan persempadanan di antara Negeri Selangor dan Wilayah Persekutuan Kuala Lumpur di Bilik Mesyuarat Tingkat 16, JUPEM Selangor, Shah Alam, Selangor	13 Oktober 2015
17	Mesyuarat Jawatankuasa Kebangsaan Penandaan dan Pengukuran Sempadan Bersama Negeri (JKPPSBN) Bilangan 1 Tahun 2015 di Bilik Mesyuarat Mutiara, Tingkat 13, Wisma Sumber Asli, Putrajaya	20 Oktober 2015
18	Mesyuarat Jawatankuasa Teknikal Sempadan Terengganu-Pahang di Bilik Mesyuarat JUPEM Pahang, Kuantan, Pahang	9 November 2015
19	Taklimat Mengenai Sempadan Bersama Negeri Kedah, Perak, Pulau Pinang dan Perlis di Wisma Darul Aman, Alor Setar, Kedah	11 November 2015
20	Mesyuarat Penyelarasan Jawatankuasa Teknikal Penandaan dan Pengukuran Sempadan Bersama Negeri Kelantan di Bilik Perbincangan, Bahagian Pentadbiran, PTG Kelantan, Kota Bharu, Kelantan	16 November 2015
21	Mesyuarat Jawatankuasa Kumpulan Wang Amanah Projek Penandaan dan Pengukuran Sempadan Bersama di Antara Negeri-Negeri Semenanjung Malaysia Bil.2/2015 di Bilik Mesyuarat Zamrud, Aras 12, Wisma Sumber Asli, Putrajaya	18 November 2015

SAKSI PAKAR KES-KES DI MAHKAMAH

Pegawai-pegawai JUPEM merupakan saksi pakar dalam perbicaraan kes-kes tangkapan nelayan dan kapal asing yang menceroboh perairan Malaysia. Dalam tahun 2015, sejumlah dua puluh tiga (23) kes perbicaraan telah dihadiri oleh pegawai JUPEM bagi membuat pengesahan kedudukan sesuatu lokasi pencerobohan perairan negara yang telah dibawa ke mahkamah oleh Agensi Penguatkuasa, Maritim Malaysia (APMM) dan Kementerian Perdagangan Dalam Negeri, Koperasi dan Kepenggunaan (KPDNKK). Perbicaraan yang telah dihadiri adalah seperti berikut:

BIL.	PERBINCANGAN	TARIKH
1	Perbicaraan Kes Bernombor 83-520-8/14 dan 83-552-9/14 oleh APMM, Daerah Maritim 8, Kuantan, Pahang di Mahkamah Majistret, Kuantan, Pahang	15-16 Januari 2015
2	Perbicaraan Kes Bernombor 83-742-11/14 dan 83-743-11/14 oleh APMM, Daerah Maritim 8, Kuantan, Pahang di Mahkamah Majistret, Kuantan, Pahang	19-20 Januari 2015
3	Perbicaraan Kes Bernombor N802729 oleh KPDNKK di Mahkamah Sesyen, Kota Tinggi, Johor	20-22 Januari 2015
4	Perbicaraan Kes Bernombor TWU-62ATP-10/8-2014 oleh APMM, Daerah Maritim 18, Tawau, Sabah di Mahkamah Sesyen, Tawau, Sabah	9-12 Februari 2015
5	Perbicaraan Kes Bernombor SKN/RPT/016578/2013 oleh APMM, Daerah Maritim 17, Sandakan, Sabah di Mahkamah Sesyen, Sandakan, Sabah	2-3 Mac 2015
6	Perbicaraan Kes Bernombor C022622 oleh APMM, Daerah Maritim 8, Kuantan, Pahang di Mahkamah Majistret, Kuantan, Pahang	11 Mac 2015
7	Perbicaraan Kes Bernombor C022894 oleh APMM, Daerah Maritim 8, Kuantan, Pahang di Mahkamah Majistret, Kuantan, Pahang	25-26 Mac 2015
8	Perbicaraan Kes Bernombor CJBA No.033209 oleh APMM, Daerah Maritim Tanjung Sedili di Mahkamah Sesyen, Kota Tinggi, Johor	30 Mac 2015
9	Perbicaraan Kes Bernombor 87-667-06/2014 oleh APMM, Daerah Maritim 9 di Mahkamah Majistret, Kuala Terengganu, Terengganu	1 April 2015
10	Perbicaraan Kes Bernombor 87-667-06/2014 oleh APMM, Daerah Maritim 9 di Mahkamah Majistret, Kuala Terengganu, Terengganu	29 April 2015
11	Perbicaraan Kes Bot KNF7960 oleh APMM, Daerah Maritim 8, Kuantan, Pahang di Mahkamah Majistret, Kuantan, Pahang	5-6 Mei 2015
12	Perbicaraan Kes Kapal Tangki SIBU SATU oleh KPDNKK di Mahkamah Majistret, Kota Tinggi, Johor	12 Mei 2015
13	Perbicaraan Kes Tangkapan Vesel Bernombor Pendaftaran PK3149F oleh APMM, Kuala Kurau, Perak di Mahkamah Majistret, Taiping, Perak	16 Jun 2015
14	Perbicaraan Kes Rompakan Vesel MT Sun Birdie (IMO No.9073256) oleh APMM, Tanjung Sedili, Johor di Mahkamah Sesyen, Kota Tinggi, Johor	23 Jun 2015

BIL.	PERBINCANGAN	TARIKH
15	Perbicaraan Kes Bot KNF7959 dan KNF7960 oleh APMM, di Mahkamah Majistret, Kuantan, Pahang	25 Jun 2015
16	Perbicaraan Kes Tangkapan Vesel Nelayan Asing Bernombor Pendaftaran KG 93889 TS dan KG 94536 TS oleh APMM, Tanjung Sedili, Johor di Mahkamah Sesyen, Kota Tinggi, Johor	30 Jun - 1 Julai 2015
17	Perbicaraan Kes Bot KNF7959 dan KNF7960 oleh APMM di Mahkamah Majistret, Kuantan, Pahang	7 Julai 2015
18	Perbicaraan Kes Tangkapan Vesel Nelayan Asing Bernombor Pendaftaran KG94004TS oleh APMM, Miri, Sarawak di Mahkamah Majistret, Miri, Sarawak	20-24 Julai 2015
19	Perbicaraan Kes Tangkapan Vesel Thrive oleh APMM, Tanjung Sedili, Johor di Mahkamah Sesyen, Kota Tinggi, Johor	28-29 Julai 2015
20	Perbicaraan Kes Tangkapan Vesel MT Victory Star 1 Tiada Bernombor Pendaftaran dan Vesel MT Moresby 9 Bernombor Pendaftaran 7705740 oleh APMM di Mahkamah Sesyen, Sungai Petani, Kedah	29-30 Julai 2015
21	Perbicaraan Kes Bot KNF7959 dan KNF7960 oleh APMM di Mahkamah Majistret, Kuantan, Pahang	10 Ogos 2015
22	Perbicaraan Kes Tangkapan Kapal Tangki MT TRITON Bernombor Pendaftaran 334174 oleh APMM, Miri, Sarawak di Mahkamah Sesyen, Miri, Sarawak	26-27 Oktober 2015
23	Perbicaraan Kes Tangkapan APMM-PM102/250/15-07 oleh APMM, Alor Setar, Kedah di Mahkamah Majistret, Alor Setar, Kedah	29 Disember 2015

PENERBITAN PETA

Beberapa aktiviti melibatkan pengukuran dan pemprosesan data dilakukan sebelum sesuatu peta dihasilkan. Aktiviti-aktiviti ini melibatkan kerja-kerja pengutipan data di padang dan pemprosesan data ukuran.

PENAWANAN DATA

Aktiviti-aktiviti penawanan data melibatkan kerja-kerja seperti fotografi udara dan penyediaan cetak lekup, penyediaan dataset penyudahan padang dan penyediaan peta ortofoto. Selain daripada itu, aktiviti penawanan data juga melibatkan kerja-kerja penyediaan data ortorektifikasi imej satelit dan penyediaan data untuk kegunaan dan keperluan pihak Angkatan Tentera Malaysia, pengguna awam, jabatan-jabatan lain serta agensi swasta.

Pencapaian aktiviti penawanan data bagi tahun 2015 adalah seperti berikut:

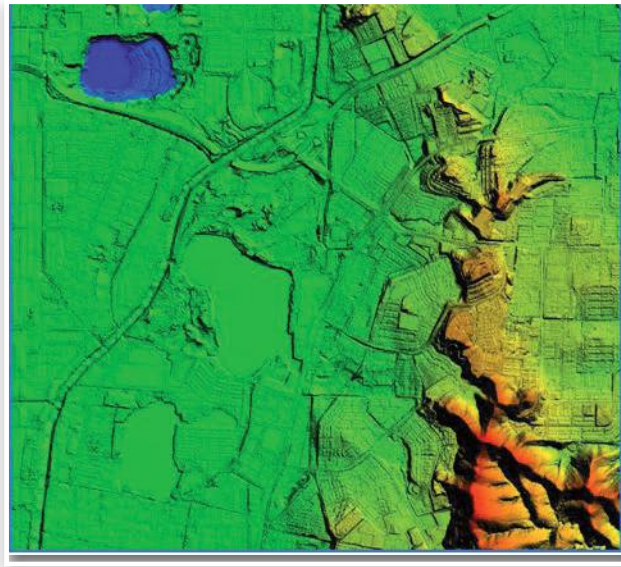
BIL.	AKTIVITI	SKT 2015 (LEMBAR)	PENCAPAIAN (LEMBAR) (%)
1	Perolehan Data Bawaan Udara	403	409 (101%)
2	Penyediaan Dataset Penyudahan Padang	35	43 (122%)
3	Penyediaan Peta Ortofoto	100	102 (102%)
4	Penyediaan Data DSM dan DTM	100	102 (102%)
5	Penyediaan Data Bagi Pihak Angkatan Tentera Malaysia, Pengguna Awam dan Lain-lain Jabatan / Agensi	500	681 (136%)
6	Penyediaan Peta Pulau-Pulau	5 coverage	7 coverage (140%)

Pada tahun 2015, sebanyak tujuh coverage bagi tujuan pemetaan pulau-pulau telah berjaya disiapkan. Jadual menunjukkan senarai nama pulau-pulau:

BIL.	NAMA PULAU	NEGERI	COVERAGE
1	Pulau Talang Kechil	Johor	1
2	Pulau Talang Besar		
3	Pulau Lakei	Johor	2
4	Pulau Salak	Johor	3
5	Pulau Kalasah		
6	Pulau Sampadi	Sabah	4
7	Pulau Patok	Sabah	5
8	Pulau Jangau		
9	Pulau Satang Besar	Johor	6
10	Pulau Satang Kecil		
11	Pulau Tukong Ara		
12	Pulau Tukong Banun		
13	Pulau Talang-talang Besar	Johor	7
14	Pulau Talang-talang Kechil		



Contoh Peta Ortofoto

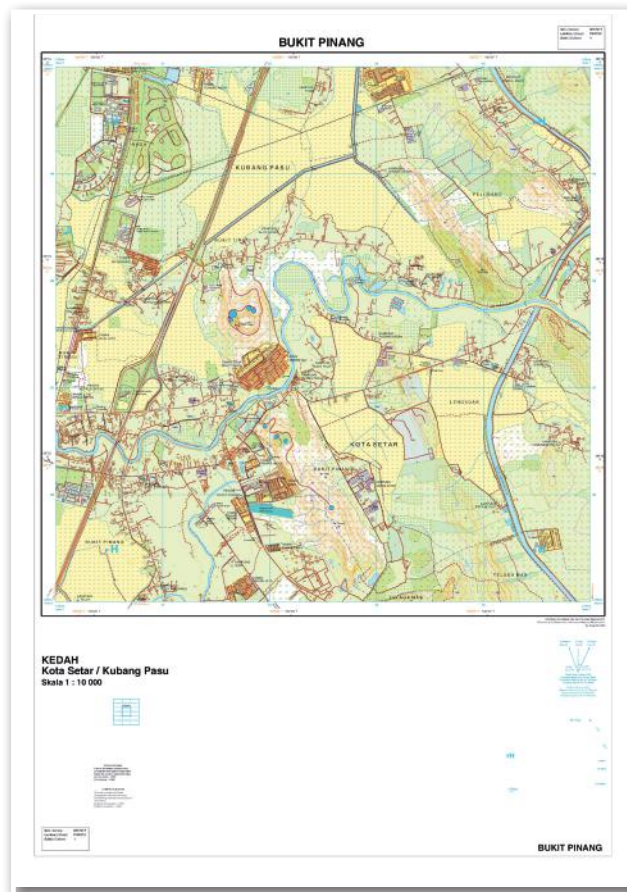


Contoh DTM

PANGKALAN DATA

Seiring dengan keperluan pemetaan dan Sistem Maklumat Geografi, JUPEM telah mewujudkan dua jenis pangkalan data iaitu pangkalan data topografi dan pangkalan data kartografi. Pangkalan data topografi adalah berskala 1:5 000, 1:10 000 dan 1:25 000 dan dihasilkan melalui kaedah fotogrametri dan kerja ukur di lapangan. Pangkalan data topografi akan digunakan semula dalam proses ulangan peta atau *map revision* dan merupakan sumber data digital terkini yang boleh diperolehi di JUPEM. Manakala pangkalan data kartografi pula dijana daripada pangkalan data topografi dan diterbitkan sebagai peta bercetak pada skala 1:10 000 dan 1:50 000.

Dalam proses penghasilan pangkalan data topografi dan kartografi, suntingan perlu dijalankan ke atas dataset topografi dengan menggunakan perisian *Gothic Lambs2* sebelum dibuat proses validasi dan *seamless* dengan perisian *Radius Studio*. Seterusnya dataset berskala 1:25 000 akan melalui proses generalisasi kepada skala 1:50 000 dengan menggunakan perisian *Radius Clarity*. Seterusnya hasil proses generalisasi iaitu dataset kartografi akan disusun dalam bentuk peta dan bersedia untuk penyediaan prof cetak.



Data Topografi yang dihasilkan adalah mengikut Malaysian Standard MS1759 – *Feature and Attribute Codes* yang mana JUPEM adalah merupakan *custodian* bagi kategori *Built-Environment, Demarcation, Hypsography* dan *Utility* selain juga menjadi agensi tunjak bagi kategori *Aeronautical, Geology, Hydrography, Transportation, Vegetation* dan *General*.



Pencapaian aktiviti pembangunan pangkalan data bagi tahun 2015 adalah seperti berikut:

BIL.	AKTIVITI	SKT 2015 (LEMBAR)	PENCAPAIAN (LEMBAR) (%)
1	Pengemaskinian Pangkalan Data Skala 1:50 000	80	80 (100%)
2	Pengemaskinian Pangkalan Data Skala 1:25 000	50	68 (136%)
3	Pengemaskinian Pangkalan Data Skala 1:5 000 & 1:10 000	100	100 (100%)
4	Pengemaskinian Pangkalan Data Skala 1:5 000 & 1:10 000 (Pengkontrakan)	140	140 (100%)
5	Penyediaan Pangkalan Data bagi <i>Joint Border Mapping (JBM)</i>	20	20 (100%)

PENGEMASKINIAN PETA TOPOGRAFI

Aktiviti ini dijalankan bertujuan mengemaskini maklumat topografi pada lembaran peta melalui kerja ukuran penyudahan padang. Kerja-kerja mengemaskini melibatkan pelbagai siri peta iaitu MY501T, MY701T, L808, MY511T dan MY711T.

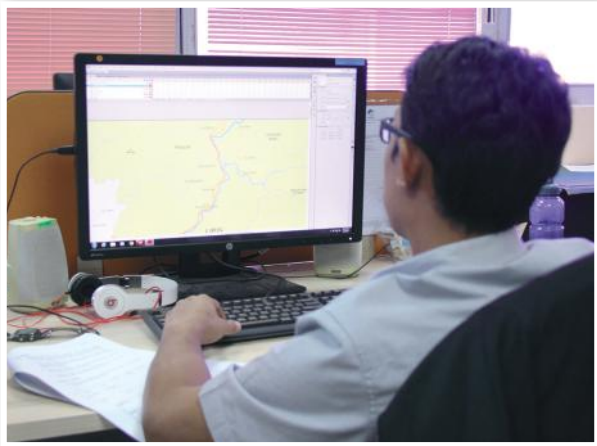
Pencapaian aktiviti pengemaskinian peta topografi bagi tahun 2015 adalah seperti berikut:

AKTIVITI	SKT 2015 (LEMBAR)	PENCAPAIAN (LEMBAR) (%)
Pengemaskinian Peta Topografi	90	90 (100%)



KARTOGRAFI

Aktiviti kartografi melibatkan kerja-kerja seperti suntingan kartografi, penerbitan peta topografi, penyediaan pangkalan data tematik dan penerbitan peta tematik.



Pencapaian aktiviti kartografi bagi tahun 2015 adalah seperti berikut:

BIL.	AKTIVITI	SKT 2015 (LEMBAR)	PENCAPAIAN (LEMBAR) (%)
1	Penyediaan Pruf Kelulusan Peta Topografi Pelbagai Siri	240	297 (124%)
2	Penyediaan Data Cetak Peta Topografi Pelbagai Siri	240	266 (111%)
3	Penyediaan Pruf Kelulusan Peta Tematik Pelbagai Siri	22	32 (145%)
4	Penyediaan Data Cetak Peta Tematik Pelbagai Siri	22	25 (114%)
5	Penerbitan Peta Elektronik	25	25 (100%)
6	Penerbitan <i>Webmap</i> dan <i>eMap</i>	3	3 (100%)

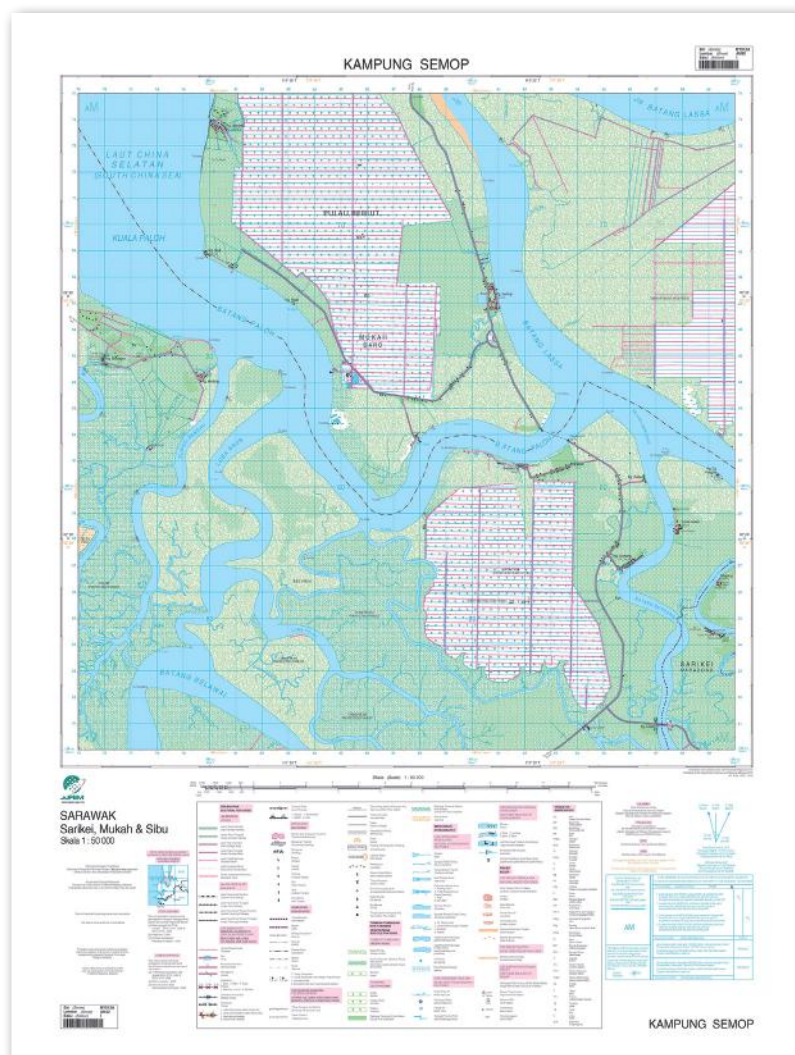
PERCETAKAN

Kerja-kerja percetakan di JUPEM melibatkan tiga aktiviti utama iaitu aktiviti pencetakan, pracetak dan pascacetak. Selain daripada menerbitkan peta-peta bercetak, aktiviti percetakan juga melibatkan kerja-kerja mereka bentuk, memproses dan mencetak pelbagai dokumen seperti Berita Ukur, Laporan Tahunan, Kompendium, watakah, dokumen keselamatan dan produk-produk bukan peta yang lain.



Peta-peta topografi yang telah dicetak sepanjang tahun 2015 adalah seperti berikut:

BIL.	SIRI	JUMLAH LEMBAR	CATATAN
1	L7030/DNMM5101	72	Cetak Ulang
2	MY501T/MY501A/MY502A	45	
3	MY701T/MY701A	80	
4	MY511T/MY511A/MY512A (Sabah)	24	
5	MY711T/MY711A (Sabah)	12	
6	MY511T/MY511A/MY512A (Sarawak)	65	
7	MY711T/MY711A (Sarawak)	8	
	JUMLAH	306	



Peta Topografi bagi Kg Semop (Sarawak)

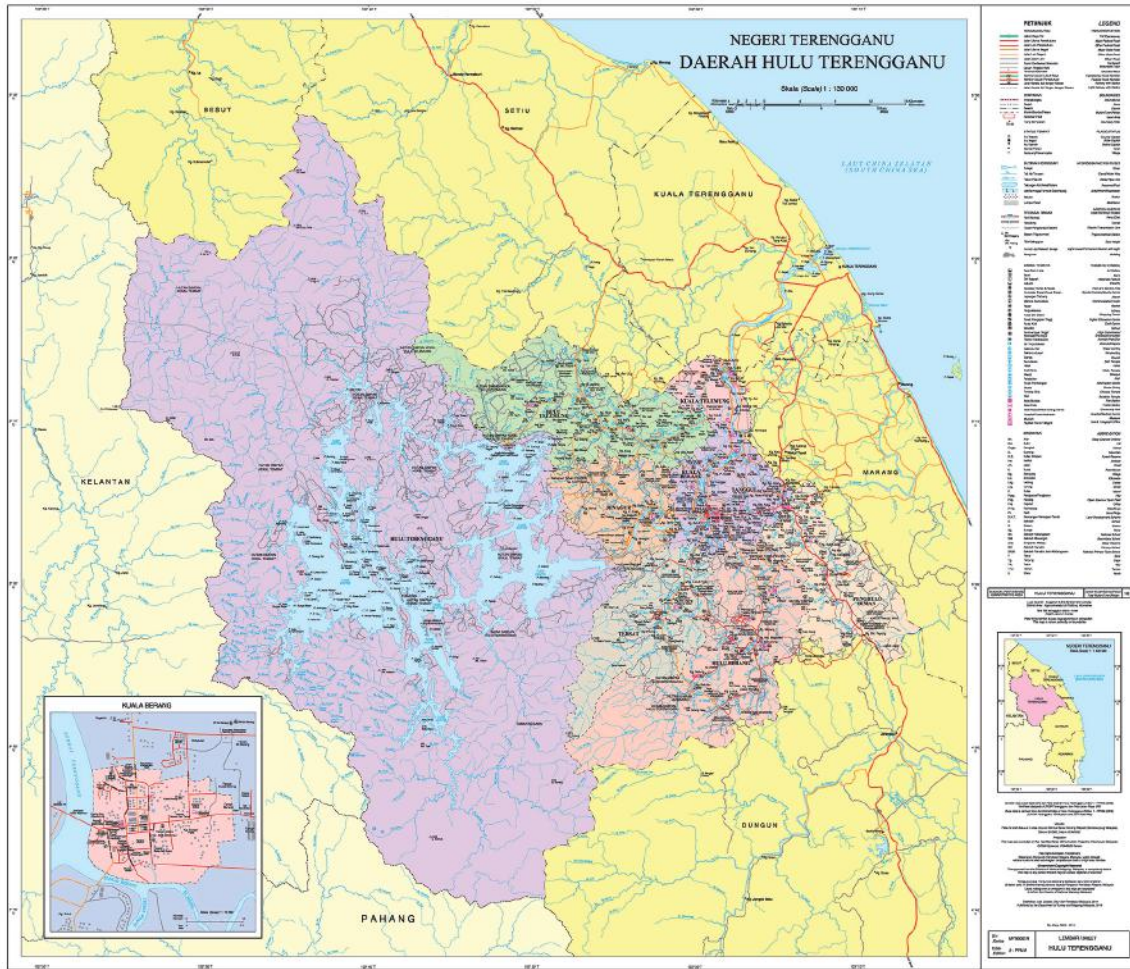
Perincian peta-peta topografi yang dicetak adalah seperti berikut:

NO. SIRI	NEGERI	NAMA LEMBAR
MY502A	Perak	Pulau Sembilang, Yong Peng, Kuala Kangsar, Pantai Remis, Lenggong, Tapah
	Pahang	Kg. Gelinggang, Maran, Kg. Paluh Inai, Bandar Chini Timur, Bandar Pusat Jengka, Kg. Runchang, Felda Sg. Tekam, Kg. Padang Rumbia, Kuantan, Sg. Lembing, Kg. Tekek, Kg. Sri Jaya, Kg. Mengkebang, Gambang, Chenor, Ketari, Kuala Pahang, Bentong
	Kedah	Malau, Padang Mat Sirat, Kg. Teluk Bujor, Padang Besar
	Johor	Kg. Kudong, Kluang, Segamat, Tangkak, Bukit Kepong, Pasir Gudang, Mawai, Parit Jawa
	Kelantan	Tanah Merah, Manik Urai, Kuala Krai
MY512A	Sarawak	Sg. Serani, Bla-Num, Bukit Entimau, Long Lamai, Batang Baleh, Roban, Long Seridan, Lingga, Long Banga, Long Sukan, Kg. Biawak, Long Sinyut, Kg. Nyelitak, Kg. Lio Moto, Sg. Malarang, Sg. Akah, Bukit Jemang, Bukit Puai, Sg. Nakat, Lubuk Ipoh, Kg. Ramudu, Bukit Melatai, Long Moh, Long Sobing, Uma Bawang, Rumah Lusong Laku, Batu Talang, Sri Aman, Long Lelang, Kg. Hulu Nyalau, Nanga Trusa, Long Anap, Sarikei, Song, Kg. Long Pran, Kg. Long Daloh, Gunung Buda, Ba' kelalan, Kapit, Lubok Antu, Agek, Julau
	Sabah	Kg. Tatabuan, Kg. Gana, Kg. Tidung Dua, Kg. Tetagas, Pekan Baru Matuggong, Long Pasia, Kg. Rahmat, Kg. Pandiwan, Kg. Tiga Papan, Kg. Inarad, Kg. Suangsuka, Gunung Luis, Kg. Long Lohan, Tenom, Pulau Adal, Bandar Kembara Sakti, Long Teru, Kg. Sg. Imam, Fajar Harapan, Kg. Bolong, Sg. Sansiang, Kg. Selakan, Semporna
MY701A	Pulau Pinang	Pekan Darat
	Terengganu	Kuala Terengganu
	Selangor	Kg. Orang Asli Bukit Damar, Desa Putra Tengah, Shah Alam & Subang Jaya, Bandar Armada Putra, Pelabuhan Klang Utara, Kg. Baru Jenderam Hilir, Bandar Puteri, Town Villa 1, Tmn. Setia, Kg. Perepat, Puncak Alam, Sunway Kayangan, Kg. Sg. Pinang, Tmn. Air Hitam Permai, Pekan Meru
	Pahang	Langgar
MY701T	Pulau Pinang	Pekan Darat
	Terengganu	Kg. Paya, Kuala Terengganu
	Kedah	Kg. Gelok Air, Sala, Langgar
	Pahang	Ketari
	Selangor	Tmn. Air Hitam Permai, Sunway Kayangan, Subang Jaya & Shah Alam, Kg. Sungai Pinang, Town Villa 1, Kg. Perepat, Tmn. Setia, Bandar Puteri, Kg. Baru Jenderam Hilir, Pelabuhan Kelang Utara, Bandar Armada Putra, Kg. Sama Gagah, Kg. Dato Ahmad Razali, Kg. Orang Asli Bukit Damar, Desa Putra Tengah
MY711A	Sabah	Kg. Tinagalan, Kg. Tinagalan Laut, Kg. Patau-Patau Satu, Kg. Pinausok, Kg. Bantayan, Kg. Semporna, Kg. Jimpangan
	Sarawak	Kg. Jepak, Tmn. Metro, Sing Booh Garden, Kg. Jepak, Tmn. Wawasan

NO. SIRI	NEGERI	NAMA LEMBAR
MY711T	Sabah	Kg. Tinagalan Laut, Kg. Patau-Patau Satu, Kg. Bantayan, Semporna, Kg. Pinausok, Kg. Jimpangan
	Sarawak	Sing Boon Garden, Tmn. Metro, Tmn. Wawasan
	Kelantan	Kg. Batu Melintang, Gua Musang, Manik Urai, Dabong, Pos Betau, Tanah Merah, Pasir Puteh
	Terengganu	P. Perhentian Besar, P. Redang
	Kedah	Pokok Sena, Sik, Balik, Yan Besar, Kuala Perlis, Kuala Muda
	Perak	Lawin, Gunung Simalayang, Parit, Lenggong, Kuala Kangsar, Teluk Intan, Lumut, Pasir Gajah, Bkt. Mudin Besar, Gunung Besar, Pantai Remis, Tapah, Sitiawan, Parit Buntar, Kuala Sepetang
	Pahang	Nenasi, Kg. Teriang Besar, Pasir Akar, Tasik Bera, Maran Sungai, Jerantut, Bukit Cintawangsa, Bandar Pusat Jengka, Padang Tengku, Cegar Perah, Kg. Bantal, Pekan, Merapuh, P. Tioman, Kuala Rompin, Temerloh, Sg. Tekam, Chenor, Lancang, Sg. Tekai
	Selangor	Tg. Karang, Pasir Panjang, Bagan Nakhoda Omar, Banting
	Negeri Sembilan	Gemenceh, Port Dickson
	Johor	Kota Tinggi, Simpang Renggam, Batu Pahat, Yong Peng, Kg. Kahang Baru, Kluang, Pulau Tinggi, Mersing, Padang Endau, Sekudai, Kg. Penderas, Kg. Buluh, Muar, Bakri
	Perlis	Padang Besar
Melaka	Jasin	

Peta-peta tematik yang telah dicetak sepanjang tahun 2015 adalah seperti berikut:

BIL.	JENIS PETA	JUMLAH
1	Peta Politik/Negeri/Fizikal	4
2	Peta Daerah	12
3	Pelbagai Peta Tematik	23
	JUMLAH	39



Peta Daerah Hulu Terengganu

Perincian peta-peta tematik yang telah dicetak sepanjang tahun 2015 adalah seperti berikut:

NO. SIRI	JENIS PETA	NAMA LEMBAR
MY90004R	JKR	Peta Jalan Raya Negeri Perlis, Selangor, Semenanjung Malaysia
MY90005R	Negeri	Peta Politik Negeri Terengganu, Putrajaya dan W.P. Labuan
MY91001R	Daerah	Putatan (Sabah), Kota Belud (Sabah), Selangau (Sarawak), Tatau (Sarawak), Saratok (Sarawak), Serian (Sarawak), Lawas (Sarawak), Mukah (Sarawak), Hulu Terengganu (Terengganu), Bintulu (Sarawak), Pasir Mas (Kelantan) dan Marudi (Sarawak)
TPC	L11-D (1)	Tactical Pilotage Chart
-	JMG	Peta Geologi Sabah, Peta Geologi Yong Peng, Peta Sumber Mineral Sabah dan Peta Sumber Mineral Sarawak
-	SPR	Peta Pilihan Raya Negeri Sarawak
-	JBM	Lembar-Lembar No : 42, 43, 4, 12, 41, 7, 2, 11, 13, 5, 3, 8, 10, 6, 9

Pencapaian aktiviti percetakan bagi tahun 2015 adalah seperti berikut:

BIL.	AKTIVITI	SKT 2015	PENCAPAIAN
1	Cetak Peta Topografi	240	306 (127%)
2	Cetak Peta Tematik	22	39 (177%)
3	Cetak Bukan Peta	160	193 (121%)

Aktiviti pracetak melibatkan kerja-kerja reka bentuk dan susun atur sebagai persediaan bahan cetak serta penyediaan prof dan plat cetak.

Pencapaian aktiviti pracetak bagi tahun 2015 adalah seperti berikut:

BIL.	AKTIVITI	SKT 2015	PENCAPAIAN
1	<i>Desktop Publishing (DTP)</i>	160	193 (121%)
2	Prof	160	193 (121%)
3	Plat Cetak	1800	1842 (102%)

Aktiviti pascacetak melibatkan kerja-kerja penjilidan buku selepas proses pencetakan dijalankan.

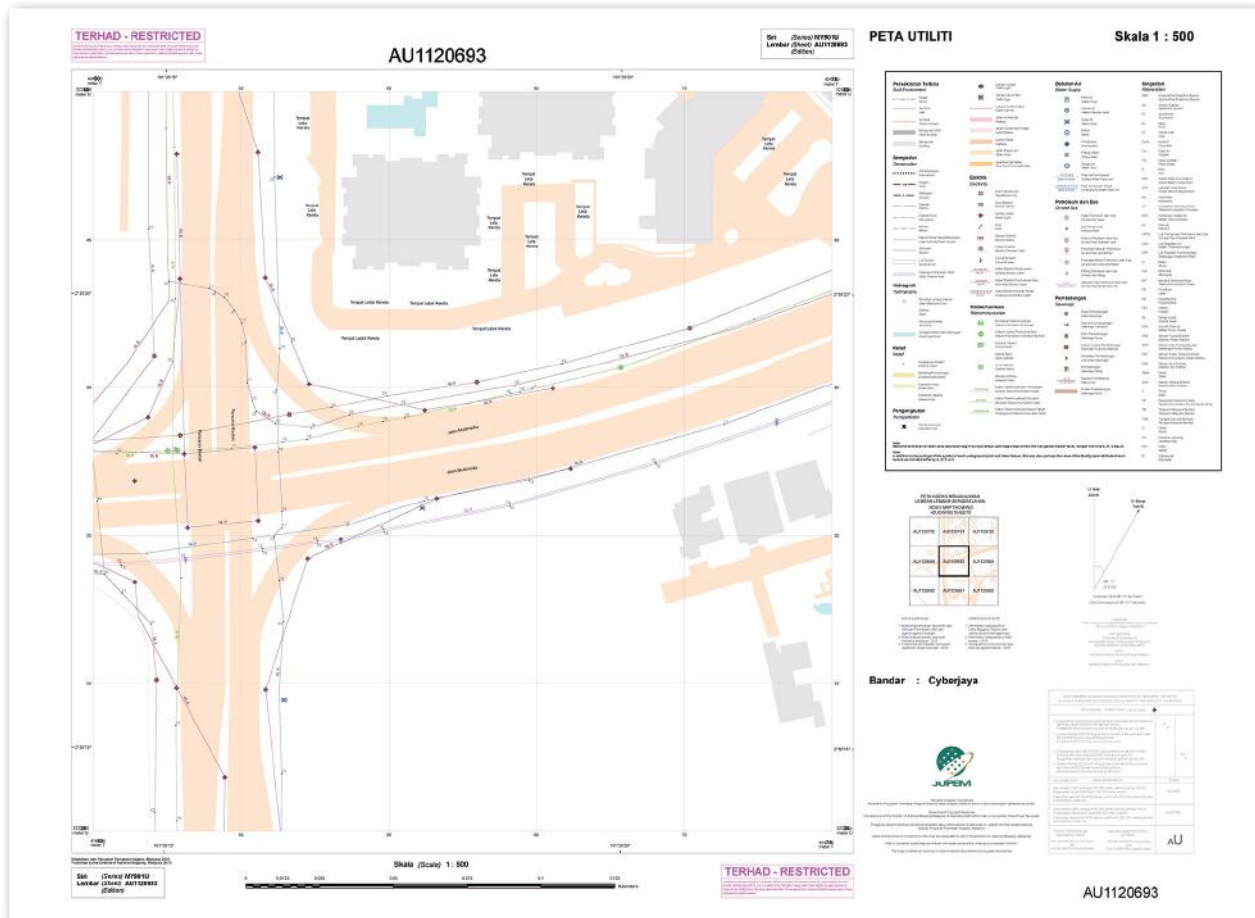
Pencapaian aktiviti pascacetak bagi tahun 2015 adalah seperti berikut:

AKTIVITI	SKT 2015	PENCAPAIAN
Penjilidan (Buku)	70,000 (unit)	158,368 (226%)

PEMETAAN UTILITI

Pemetaan utiliti melibatkan proses memperolehi dan mengenalpasti jenis pemasangan dan perkhidmatan utiliti kemudahan awam yang tertanam di bawah tanah dan menyediakan maklumat dan kedudukan utiliti dalam bentuk digital atau salinan cetak. Maklumat kedudukan pemasangan utiliti yang lengkap dan tepat diperlukan bagi membantu mengurangkan dan mengelakkan berlakunya masalah gangguan perkhidmatan yang diakibatkan oleh kerosakan pemasangan utiliti semasa pelaksanaan kerja-kerja pengorekan. Kekerapan berlakunya kerosakan ini juga menyebabkan kualiti hidup penduduk terjejas dan memberi impak negatif kepada ekonomi negara.





Peta Utiliti Bagi Kawasan Cyberjaya

Pencapaian aktiviti pemetaan utiliti bagi tahun 2015 adalah seperti berikut:

BIL.	AKTIVITI	SKT 2015	PENCAPAIAN
1	Perolehan data utiliti daripada pemilik utiliti (pengemaskinian)	Mengemukakan permohonan, memperoleh dan mengumpulkan maklumat utiliti bagi kawasan: <ol style="list-style-type: none"> Lembah Klang Kota Bharu Kuantan Kuala Terengganu 	(100%)
2	Pengisian data utiliti dan data peta asas ke dalam Pangkalan Data Utiliti Kebangsaan (PADU)	Menjalankan semakan, memproses dan memuatkan sepenuhnya semua data utiliti kawasan: <ol style="list-style-type: none"> Lembah Klang Kota Bharu Kuantan Kuala Terengganu 	100 % Pembekal data utiliti adalah daripada Maajari Services Sdn. Bhd., Syabas Sdn. Bhd., Gas Malaysia Berhad, Indah Water Konsortium, Telekom Malaysia, Syarikat Air Terengganu Sdn. Bhd dan Paip Berhad

BIL.	AKTIVITI	SKT 2015	PENCAPAIAN
3	Penyediaan Peta Asas skala 1:500	550 lembar bagi kerja-kerja pendigitalan mono dan suntingan butiran topografi daripada ortofoto. Kawasan yang disasarkan meliputi: i. Sepang ii. Petaling Jaya	550 lembar (100%) i. Sepang – 125 lembar ii. Petaling Jaya – 425 lembara.
4	Pengesanan dan pengukuran bagi tujuan pengesanan data utiliti bawah tanah di lapangan	112 km (kawasan Shah Alam, Petaling Jaya, Subang Jaya dan Kajang)	112.2 km (100%) i. Shah Alam – 19.2 km ii. Petaling Jaya – 3.1 km iii. Subang Jaya – 40.9 km iv. Kajang – 46 km v. Sarawak – 3 km
5	Suntingan kartografi bagi penyediaan peta utiliti	60 lembar	64 lembar (107%) i. Putrajaya – 50 lembar ii. Cyberjaya – 14 lembar

Pencapaian aktiviti penyediaan peta asas skala 1:500 bagi tempoh lima tahun terakhir:

TAHUN	SKT	PENCAPAIAN LEMBAR						JUMLAH
		PUTRAJAYA	CYBERJAYA	KUALA SELANGOR	SHAH ALAM	SEPANG	PETALING JAYA	
2011	550	0	0	55	495	0	0	550
2012	550	25	0	0	193	0	332	550
2013	550	375	0	0	0	100	75	550
2014	550	48	0	0	0	502	0	550
2015	550					125	425	550
JUMLAH		448	0	55	688	727	832	2750

Pencapaian aktiviti penerbitan peta utiliti bagi tempoh lima tahun terakhir adalah seperti berikut:

TAHUN	SKT (LEMBAR)	PENCAPAIAN (LEMBAR)	KAWASAN
2011	37	37	Putrajaya & Cyberjaya
2012	37	39	Putrajaya & Cyberjaya
2013	46	50	Putrajaya & Cyberjaya
2014	50	53	Putrajaya, Shah Alam & Cyberjaya
2015	60	64	Putrajaya & Cyberjaya
	JUMLAH	243	

PERKHIDMATAN PEMETAAN

Bahagian Dasar dan Penyelarasan Pemetaan terdiri daripada 3 komponen utama iaitu Seksyen Dasar Pemetaan, Seksyen Penyelarasan dan Perpustakaan Peta Negara. Seksyen Dasar Pemetaan berperanan bagi menyelaras dasar dan program berkaitan pemetaan melalui Mesyuarat Jawatankuasa Pemetaan dan Data Spatial Negara (JPDSN). Selain daripada itu, Seksyen ini bertindak bagi mengatur program-program Bahagian Pemetaan, menyelaras penerbitan Buletin GIS, menggubal perundangan dan pekeliling berkaitan Pemetaan dan penyediaan ISO Pemetaan serta kertas kabinet.

Seksyen Penyelarasan Pemetaan pula berperanan sebagai urus setia bagi mesyuarat dan aktiviti Bahagian-bahagian Pemetaan dan merancang serta memantau bajet mengurus dan pembangunan Bahagian-bahagian Pemetaan. Seksyen ini juga memantau pencapaian KPI dan SKT bagi aktiviti-aktiviti pemetaan, pengurusan aset, latihan dan kursus serta pengeluaran Arahan Pemetaan.



Perpustakaan Peta Negara pula berperanan menyediakan sumber atau bahan rujukan dalam bidang ukur dan pemetaan, khususnya kepada warga JUPEM dan orang awam amnya. Perpustakaan Peta Negara menyediakan pelbagai koleksi buku, jurnal teknikal dan bahan-bahan terbitan lain yang berkaitan dengan ukur dan pemetaan.

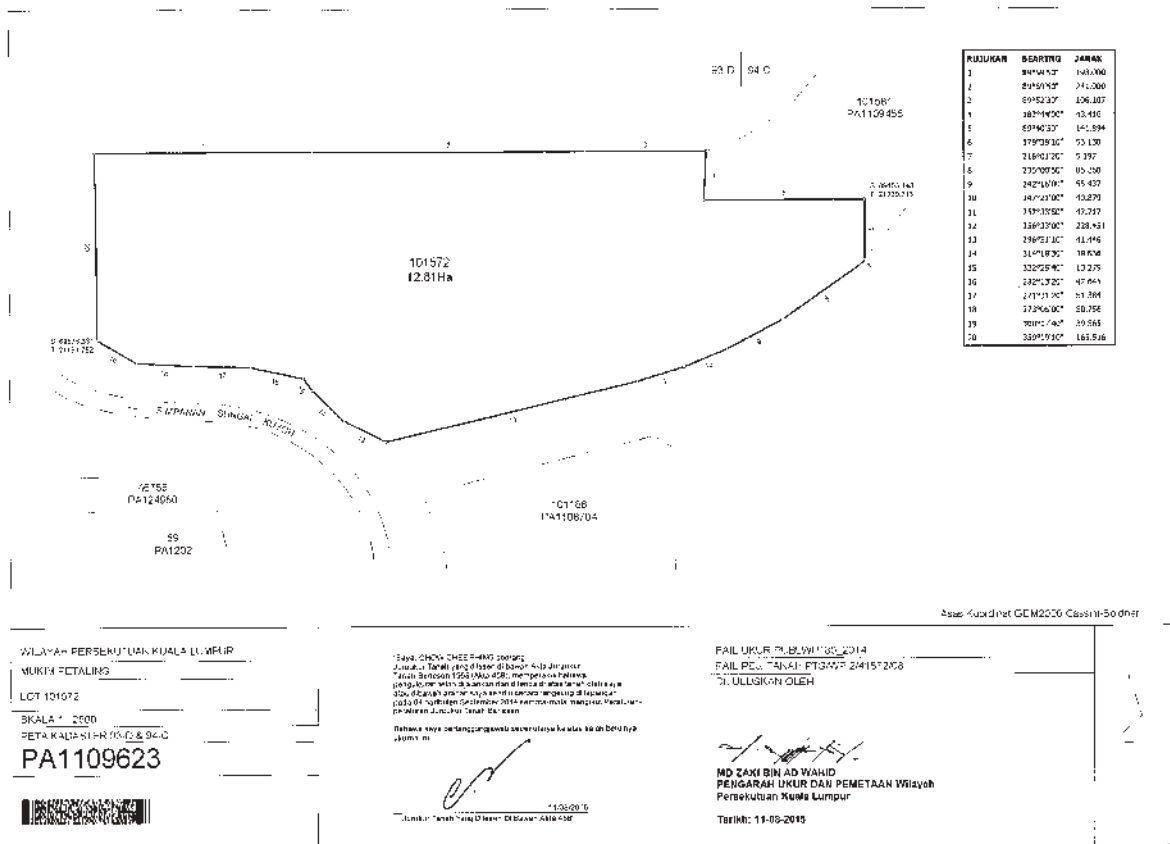
Pencapaian aktiviti perkhidmatan pemetaan bagi tahun 2015 adalah seperti berikut:

BIL.	AKTIVITI	SKT 2015	PENCAPAIAN
1	Semakan Pruf Peta Topografi dan Tematik (lembar)	360	370 (103%)
2	Penerbitan Buletin GIS dan Maklumat JPDSN (edisi)	4	4 (100%)
3	Urus Setia Mesyuarat (kali)	16	26 (163%)
4	Dokumentasi Koleksi Perpustakaan (jilid)	2000	2000 (100%)
5	Pengedaran Bahan-Bahan Terbitan JUPEM (naskhah)	3300	3300 (100%)
6	Perkhidmatan Perpustakaan (Perolehan Peta, Buku dll.) (naskhah)		
	i. Perolehan Pembangunan Koleksi Perpustakaan (buku/majalah/bahan pemetaan) ii. Dokumentasi Bahan Koleksi Perpustakaan di dalam sistem Perpustakaan (ILMU) (buku/terbitan bersiri/peta topografi/bahan AV/bahan foto)	666 1300	710 (106%) 1704 (131%)

UKURAN KADASTER

Kejayaan JUPEM membangun dan melaksanakan sistem eKadaster telah memberi kesan yang baik terhadap pencapaian prestasi keseluruhan di Bahagian Kadaster dan JUPEM Negeri. Sistem berkenaan juga telah berjaya memendekkan proses pengukuran dan penyediaan pelan Hakmilik tanah sekali gus dapat menghasilkan impak yang besar kepada pembangunan negara yang pesat berkembang.

Penggunaan teknologi jalur lebar tanpa wayar, teknologi komunikasi dan maklumat (ICT), Sistem Maklumat Geografi (GIS), sistem navigasi satelit global dan sistem ukur terkini adalah ciri-ciri yang terdapat dalam sistem eKadaster. Ia juga bagi mewujudkan *National Digital Cadastral Database* (NDCDB) melalui pembangunan infrastruktur kawalan ukur kadaster (CCI) supaya NDCDB yang berasaskan *Survey Accurate Coordinate* dapat menggantikan Pangkalan Data Ukur Kadaster Negeri (PDUK) yang tidak homogenus. Di samping itu, Bahagian Kadaster turut menyediakan Jaringan Stesen Kawalan Ukur (CRM) di seluruh Semenanjung Malaysia dan Wilayah Persekutuan Labuan untuk memperkasakan NDCDB. Manakala kerja-kerja ukuran Hakmilik strata yang selama ini dibuat kaedah manual kini diproses secara digital dan disimpan ke dalam Pangkalan Data Ukur Strata/Stratum/Marin (PDUSSM).



Contoh Pelan Akui (PA) bagi Mukim Petaling, Wilayah Persekutuan Kuala Lumpur

UKURAN HAK MILIK TANAH

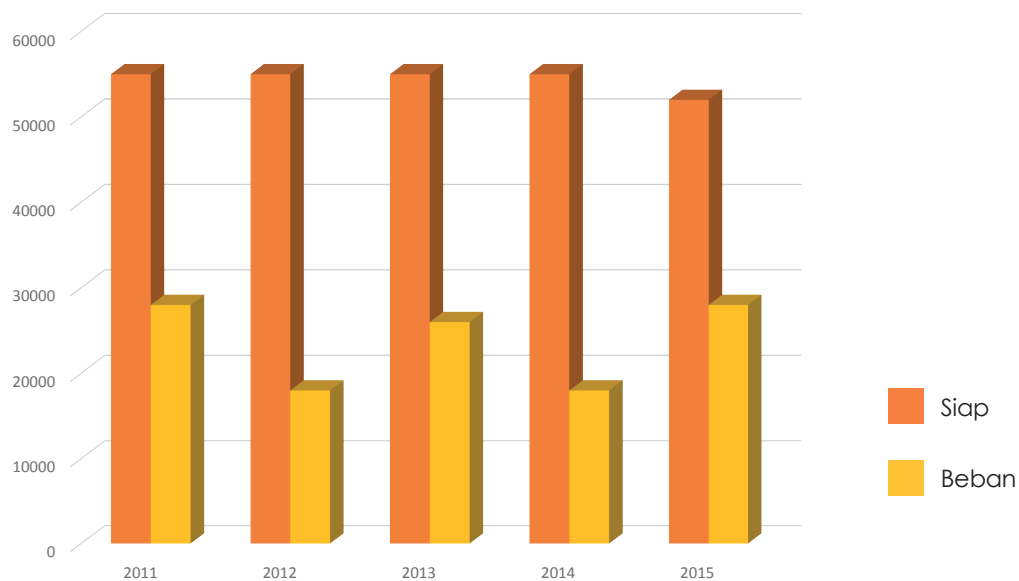
Kemajuan yang dicapai bagi aktiviti Ukuran Hakmilik Tanah bagi tahun 2015 adalah berjumlah 51,307 lot atau 98% daripada sasaran yang ditetapkan iaitu sebanyak 52,500 lot. Perincian ke atas pencapaian dan beban kerja mengikut JUPEM Negeri adalah seperti berikut:

BIL.	NEGERI	SKT 2015 (LOT)	PRESTASI		BEBAN KERJA (LOT)
			(LOT)	%	
1	Johor	8,000	8,010	100	5,400
2	Kedah	5,500	5,532	101	1,951
3	Kelantan	6,500	6,667	103	4,109
4	Melaka	1,600	1,618	101	1,828
5	Negeri Sembilan	2,500	2,294	92	217
6	Pahang	6,100	6,214	102	1,337
7	Perak	7,200	7,440	103	2,904
8	Perlis	1,800	1,854	103	478
9	Pulau Pinang	500	287	57	421
10	Selangor	5,500	4,206	76	4,882
11	Terengganu	6,800	6,969	102	2,953
12	W.P. Kuala Lumpur/ Putrajaya	400	105	26	170
13	W.P.Labuan	100	111	111	55
JUMLAH		52,500	51,307	98	26,705

Perbandingan prestasi dan beban kerja untuk ukuran hak milik tanah bagi tempoh lima tahun:

TAHUN	2011 (LOT)	2012 (LOT)	2013 (LOT)	2014 (LOT)	2015 (LOT)
Siap	54,730	55,007	55,764	55,969	51,307
Beban Akhir Tahun	28,303	17,151	24,996	16,012	26,705





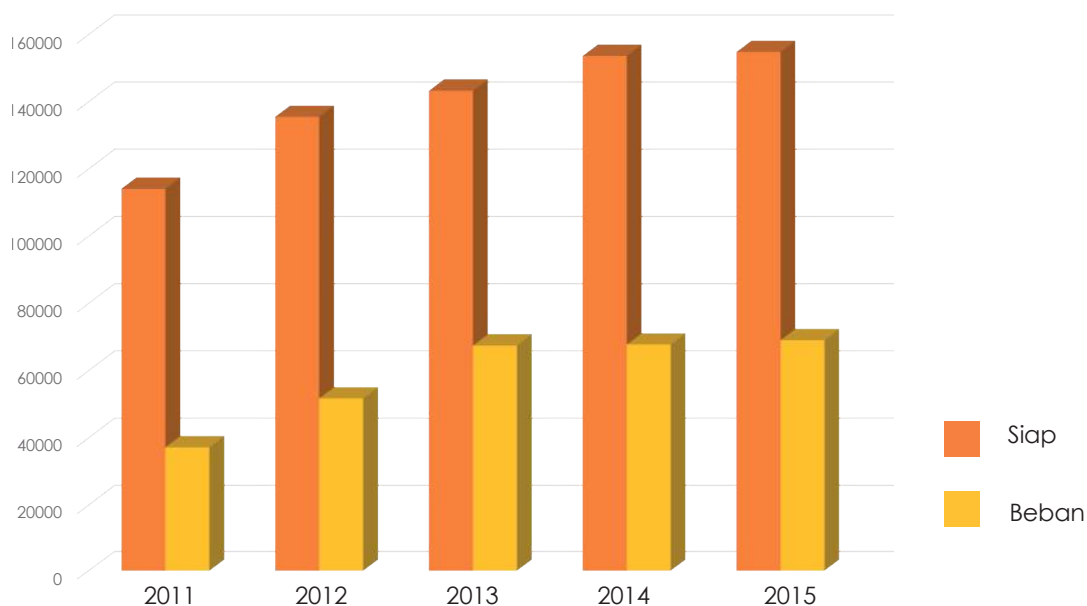
SEMAKAN KERJA JURUUKUR TANAH BERLESEN (JTB)

Kemajuan yang dicapai bagi aktiviti Semakan Kerja Juruukur Tanah Berlesen (JTB) bagi tahun 2015 adalah berjumlah 154,848 lot atau 101% daripada sasaran yang ditetapkan sebanyak 153,100 lot. Pencapaian keseluruhan mengikut negeri-negeri adalah seperti berikut:

BIL.	NEGERI	SKT 2015 (LOT)	PRESTASI		BEBAN KERJA (LOT)
			(LOT)	%	
1	Johor	25,000	25,327	101	12,477
2	Kedah	16,500	12,121	73	3,034
3	Kelantan	10,000	11,148	111	2,587
4	Melaka	5,500	6,350	115	1,341
5	Negeri Sembilan	9,000	9,657	107	4,888
6	Pahang	10,000	14,159	142	1,793
7	Perak	20,000	20,806	104	13,868
8	Perlis	1,200	1,635	136	363
9	Pulau Pinang	7,000	5,178	74	2,251
10	Selangor	36,300	33,112	91	22,523
11	Terengganu	12,000	14,613	122	3,823
12	W.P. Kuala Lumpur/ Putrajaya	500	663	133	169
13	W.P.Labuan	100	79	79	2
JUMLAH		153,100	154,848	101	69,119

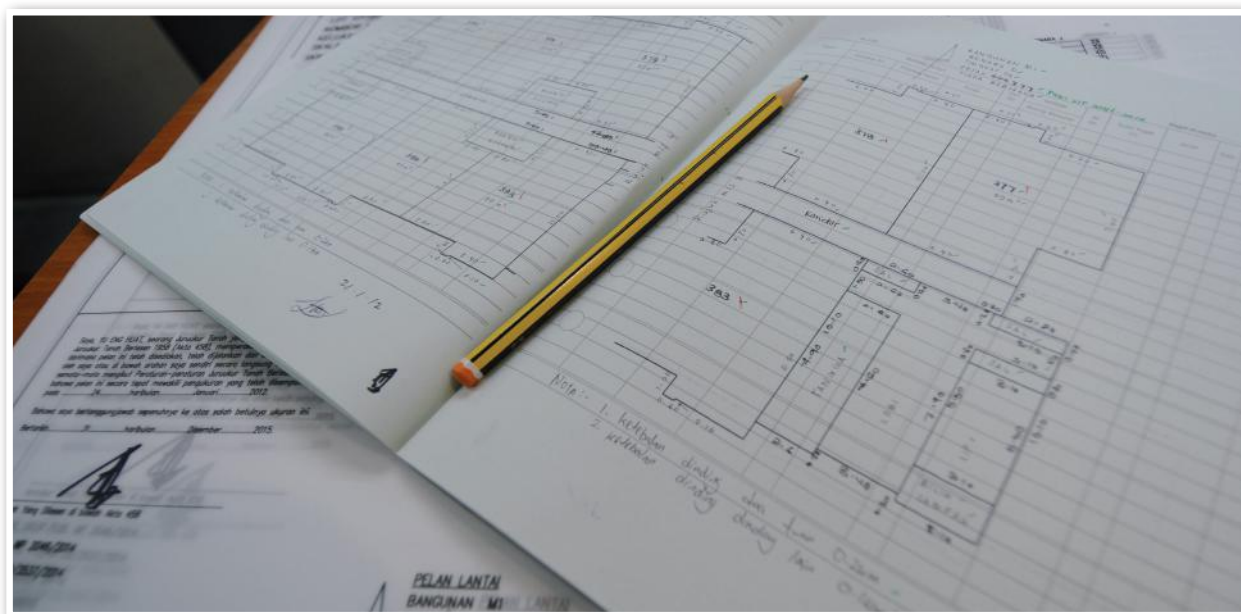
Perbandingan prestasi dan beban kerja semakan kerja Juruukur Tanah Berlesen (JTB) bagi tempoh lima tahun:

TAHUN	2011 (LOT)	2012 (LOT)	2013 (LOT)	2014 (LOT)	2015 (LOT)
Siap	114,165	135,566	143,324	153,667	154,848
Beban Akhir Tahun	37,220	51,759	67,481	67,799	69,119



SEMAKAN KERJA UKURAN HAK MILIK STRATA PERINGKAT I

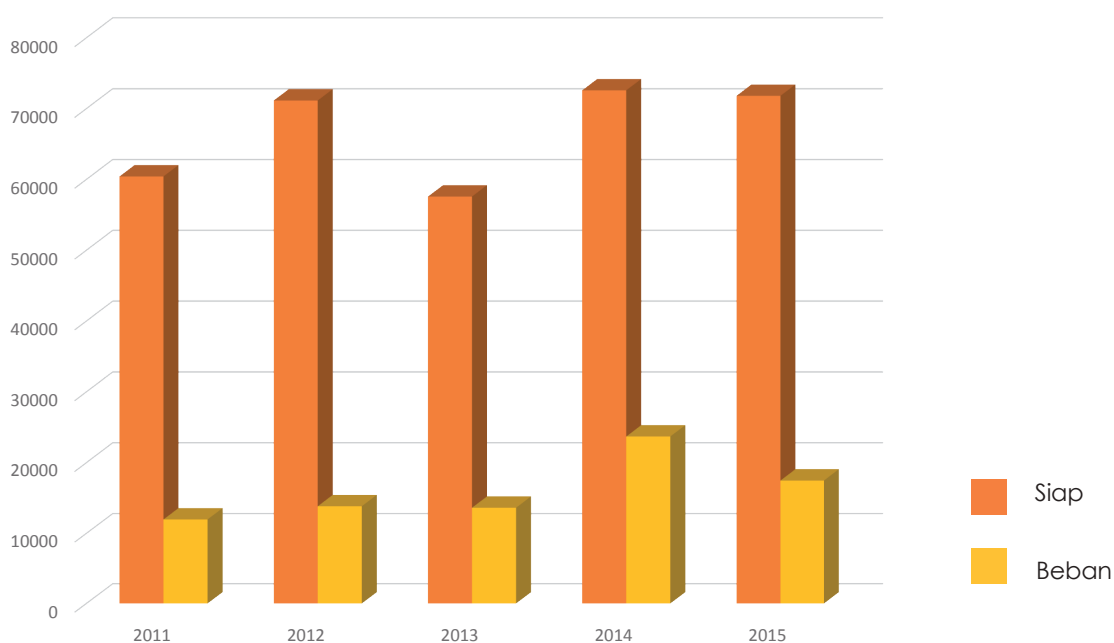
Pencapaian tahun 2015 untuk Semakan Kerja Ukuran Hakmilik Strata Peringkat I adalah berjumlah 71,810 petak iaitu 109% daripada sasaran yang ditetapkan sebanyak 65,600 petak. Perincian ke atas pencapaian dan beban kerja mengikut JUPEM Negeri adalah seperti berikut:



BIL.	NEGERI	SKT 2015 (PETAK)	PRESTASI		BEBAN KERJA (PETAK)
			(PETAK)	%	
1	Johor	8,000	8,754	109	0
2	Kedah	1,000	432	43	0
3	Kelantan	1,000	262	26	0
4	Melaka	1,700	2,659	156	0
5	Negeri Sembilan	1,300	1,393	107	0
6	Pahang	3,000	762	25	0
7	Perak	1,300	2,840	218	17
8	Perlis	0	0	0	0
9	Pulau Pinang	8,000	7,355	92	213
10	Selangor	25,000	29,611	118	14,052
11	Terengganu	300	24	8	814
12	W.P. Kuala Lumpur/Putrajaya	15,000	17,718	118	2,386
13	W.P.Labuan	0	0	0	0
JUMLAH		65,600	71,810	109	17,482

Perbandingan prestasi dan beban kerja semakan kerja ukuran hak milik strata peringkat I bagi tempoh lima tahun:

TAHUN	2011 (PETAK)	2012 (PETAK)	2013 (PETAK)	2014 (PETAK)	2015 (PETAK)
Siap	60,426	71,149	57,585	72,586	71,810
Beban Akhir Tahun	11,985	13,850	13,637	23,700	17,482





SEMAKAN KERJA UKURAN HAK MILIK STRATA PERINGKAT II

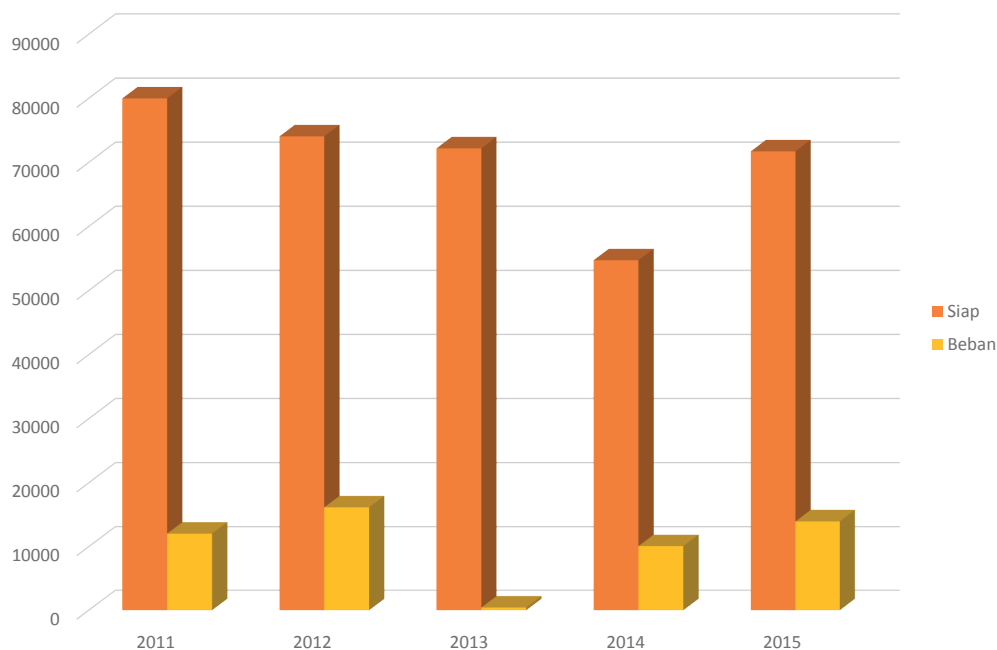
Peringkat II melibatkan semakan Pelan Akui Strata dan Penyediaan Surat Hakmilik Strata. Penyediaan Surat Hakmilik Strata bagi tahun 2015 mencapai 71,730 petak iaitu 111% daripada matlamat tahunan berjumlah 64,875 petak.

Perincian ke atas pencapaian dan beban kerja mengikut JUPEM Negeri adalah seperti berikut:

BIL.	NEGERI	SKT 2015 (PETAK)	PRESTASI		BEBAN KERJA (PETAK)
			(PETAK)	%	
1	Johor	4,500	4,717	105	2,000
2	Kedah	1,100	863	78	0
3	Kelantan	555	0	0	0
4	Melaka	1,200	1,745	145	0
5	Negeri Sembilan	1,300	1,316	101	160
6	Pahang	2,500	2,527	101	0
7	Perak	580	662	114	188
8	Perlis	0	0	0	0
9	Pulau Pinang	9,000	9,718	108	2,741
10	Selangor	27,000	27,451	102	5,036
11	Terengganu	140	37	26	0
12	W.P. Kuala Lumpur/ Putrajaya	17,000	22,694	133	3,874
13	W.P.Labuan	0	0	0	0
	JUMLAH	64,875	71,730	111	13,999

Perbandingan prestasi dan beban kerja semakan kerja ukuran hak milik strata peringkat II bagi tempoh lima tahun:

TAHUN	2011 (PETAK)	2012 (PETAK)	2013 (PETAK)	2014 (PETAK)	2015 (PETAK)
Siap	80,001	74,069	72,205	54,745	71,730
Beban Akhir Tahun	12,076	16,189	441	10,108	13,999



PENANDAAN TITIK KAWALAN CRM

Cerapan titik kawal *Cadastral Reference Mark* (CRM) dilaksanakan bagi tujuan untuk memantapkan lagi ketepatan dan kejituan *National Digital Cadastral Database* (NDCDB) di semua JUPEM Negeri.

Pencapaian cerapan bagi tahun 2015 adalah seperti berikut:

NEGERI	TITIK KAWALAN CRM	
	FAIL	TITIK KAWAL
Johor	2,696	11,585
Kedah	651	1,741
Kelantan	1,774	4,627
Melaka	177	582
Negeri Sembilan	1,988	6,459
Pahang	2,222	7,637
Perak	1,701	5,757
Perlis	107	319
Pulau Pinang	499	1,374
Selangor	2,780	9,819
Terengganu	1,549	5,451
W.P. Kuala Lumpur/Putrajaya	376	1,059
W.P. Labuan	209	471
JUMLAH	16,729	56,881

NATIONAL DIGITAL CADASTRAL DATABASE (NDCDB)

Jumlah lot yang telah dikemaskinikan ke dalam *National Digital Cadastral Database* sehingga 31 Disember 2015 adalah sebagaimana berikut:

NEGERI	JUMLAH LOT DALAM NDCDB
Johor	1,221,927
Kedah	697,384
Kelantan	600,391
Melaka	324,494
Negeri Sembilan	523,111
Pahang	602,679
Perak	1,013,852
Perlis	78,509
Pulau Pinang	329,286
Selangor	1,262,609
Terengganu	479,792
W.P. Kuala Lumpur/Putrajaya	176,165
W.P. Labuan	12,256
JUMLAH	7,322,455



BAHAGIAN GEOSPATIAL PERTAHANAN

Bahagian Geospasial Pertahanan (BGSP) terus melaksanakan aktiviti dan program yang signifikan dalam memberi khidmat geospasial pertahanan kepada ATM melalui pendekatan seperti berikut:

- i. Memperkasakan pangkalan data dan menerbitkan pelbagai peta dan produk yang berkualiti, relevan dan berketepatan tinggi bagi memenuhi keperluan pertahanan dan keselamatan.
- ii. Meneruskan bantuan khidmat geospasial pertahanan di medan untuk operasi ketenteraan, pengurusan krisis, perancangan pertahanan dan latihan serta aktiviti penguatkuasaan dan pelaksanaan tapisan keselamatan data geospasial.
- iii. Meneruskan kesinambungan pelan induk program *uGeo for Defence* untuk pembangunan BGSP di masa hadapan sehingga tahun 2020 bagi mewujudkan keupayaan perkhidmatan secara digital dan bersepadu untuk kesiapsiagaan ATM.

PENERBITAN DATA DAN PETA KEGUNAAN PERTAHANAN DAN KESELAMATAN

BGSP terus melaksanakan pengeluaran produk-produk geospasial pertahanan dalam bentuk *hardcopy* dan *softcopy* dalam tahun 2015 termasuk peta *hardcopy* berskala kecil. Sasaran yang difokuskan adalah menghasilkan Peta Topografi versi tentera berskala 1:50 000 melalui aktiviti pengukuran, pengemaskinian dan pengeluaran peta.

Aktiviti-aktiviti yang terlibat adalah seperti berikut:

- i. Pewujudan dan pengemaskinian *Vector Smart Map (VMap)* dan *Vector Interim Terrain Data (VITD)* untuk seluruh Malaysia yang bersumberkan data digital siri MY501T. Data VMap digunakan untuk membangunkan dan mengeluarkan peta *Topographic Line Map* manakala data VITD digunakan untuk membangunkan dan mengeluarkan produk analisis di dalam sistem *Geospatial Mobile System (GSMS)* semasa bantuan khidmat geospasial di medan.
- ii. Menerbitkan peta *Topographic Line Map (TLM)* dan *Common Operation Map (COM)* yang berskala 1:50 000. Penerbitan peta ini berdasarkan kepada konsep *product on demand* daripada pengguna.
- iii. Menerbitkan peta topografi tentera berskala 1:100 000 untuk kegunaan Pasukan Udara Tentera Darat.
- iv. Menerbitkan peta tematik tentera pelbagai skala untuk tujuan latihan, perancangan dan pengurusan ATM.

Ringkasan pencapaian bagi aktiviti ini bagi tahun 2015 adalah seperti berikut :

BIL.	AKTIVITI	SKT 2015	PENCAPAIAN
1	Pewujudan dan Pengemaskinian:		
	a. VMap Level 2	95 Lembar(Siri MY)	100%
	b. VITD Level 2	95 Lembar (Siri MY)	100%
2	Penerbitan Peta:		
	a. Topographic Line Map	22 Lembar	100%
	b. Common Operation Map	22 Lembar	100%
3	Penerbitan Peta Topografi Tentera Skala 1:100 000	1 Lembar	100%
4	Penerbitan Peta Tematik Tentera Pelbagai Skala	9 Lembar	100%

PERKHIDMATAN GEOSPATIAL PERTAHANAN

Penguatkuasaan Pekeliling Arahan Keselamatan Terhadap Dokumen Geospasial Terperingkat

Penguatkuasaan Pekeliling Arahan Keselamatan Terhadap Dokumen Geospasial Terperingkat untuk tahun 2015 merangkumi aktiviti-aktiviti yang berikut:

- i. Memproses pengeluaran permit kutipan data pemetaan dan geospasial

Aktiviti ini melibatkan tapisan keselamatan terhadap permohonan semua individu dan agensi awam/swasta kecuali ATM dan PDRM (merujuk kepada para 12 Arahan Keselamatan Bil 1 Tahun 2007) untuk perkara berikut:

- a. Penerbangan udara sama ada menggunakan platform kapal terbang, helikopter, *Unmanned Aerial Vehicle* (UAV) dan lain-lain platform penerbangan dengan mengadakan pegawai pengiring penerbangan.
- b. Kutipan data geospasial di lapangan untuk digunakan pada gajet GPS dan paparan di *Google Streets View*.
- c. Tapisan keselamatan ke atas Dokumen Geospasial Terperingkat merangkumi tapisan terhadap data geospasial dari agensi awam dan swasta seperti foto udara/mozek/ortofoto dan pruf peta yang diedarkan kepada pengguna atau diterbitkan bebas daripada sekatan R dan Y (Kawasan Larangan, Tempat Larangan dan Sasaran Penting).

- ii. Pengemaskinian Pangkalan Data Sekatan R dan Y dalam masa tiga tahun yang melibatkan kawasan Kuala Lumpur, Selangor dan Melaka. Sehingga kini 334 kawasan berkaitan telah dikemaskinian. Butiran pencapaian adalah seperti berikut:

BIL.	NEGERI	SASARAN PENTING (SP)	KAWASAN LARANGAN (KL)	TEMPAT LARANGAN (TL)	JUMLAH
1.	Kuala Lumpur	15	53	61	129
2.	Selangor	56	39	29	124
3.	Melaka	13	26	42	81
	JUMLAH	84	118	132	334

- iii. Mewujudkan pangkalan data untuk 100 pemegang data geospasial terperingkat mulai tahun 2012 hingga sekarang (2015).



Ringkasan pencapaian bagi aktiviti ini bagi tahun 2015 adalah seperti berikut:

BIL.	AKTIVITI	SKT 2015	PENCAPAIAN
1	Pengeluaran permit kutipan data pemetaan dan geospasial	153 Permit	153 (100%)
2	Mengemaskini pangkalan data Sekatan R dan Y (sasaran penting, kawasan/tempat larangan) Negeri	3 Negeri	3 (100%)
3	Mewujudkan pangkalan data pemegang data geospasial terperingkat	100 Pemegang	100 (100%)



Khidmat Nasihat Teknikal Kepada ATM

BGSP berperanan memberi bantuan khidmat nasihat teknikal geospasial pertahanan kepada sistem-sistem pertahanan dan persenjataan moden ATM yang menggunakan perkhidmatan geospasial. Aktiviti ini mensasarkan kepada dua (2) sistem di mana pelaksanaannya mengikut fasa-fasa berikut:

- Projek *Armoured Personnel Carrier (APC8X8)*
- Projek Perolehan *Airbus A400m*

Kemajuan keseluruhan aktiviti ini bagi tahun 2015 adalah seperti berikut:

AKTIVITI	SKT 2015	PENCAPAIAN
Memantau dan memberi khidmat nasihat teknikal kepada perolehan sistem-sistem pertahanan ATM berkenaan keperluan data geospasial pertahanan	Projek <i>Armoured Personnel Carrier (APC8X8)</i>	50%
	Projek Perolehan Airbus A400	100%

PERKHIDMATAN WEB

Perkhidmatan Web melibatkan perkhidmatan geospasial secara *web services* melalui portal BGSP yang dikenali *uGeo for Defence Portal*. Sehingga kini tiga spesifik portal untuk kegunaan dan keperluan tentera darat, laut dan udara telah diwujudkan dan telah pun beroperasi semasa tragedi kehilangan pesawat MH370. Pada Tahun 2015, sasaran adalah membangunkan *Web GIS* untuk kegunaan ESSCOM dan Markas Formasi 5 Briged yang kedua-duanya berada di Sabah. Pembangunan *Web GIS* ini akan ditambahbaik bagi menyediakan konsep *user friendly* dengan menambahkan maklumat data dan peta serta *tool* yang bersesuaian melalui Portal BGSP yang dikenali sebagai *BGSP Portal GeoHomepage* dalam *Projek Interim Data Production Capability (IDPC)*.

Ringkasan pencapaian bagi aktiviti ini bagi tahun 2015 adalah seperti berikut:

BIL.	AKTIVITI	SKT 2015	PENCAPAIAN
1	Web Services	Modul <i>Web GIS</i> untuk ESSCOM (Kolaborasi dengan JUPEM Sabah – Foto Udara)	100%
		Modul <i>Web GIS</i> untuk penawanan batu sempadan untuk 5 Briged	100%

BANTUAN KHIDMAT GEOSPATIAL PERTAHANAN DI MEDAN

Penglibatan BGSP Dalam Operasi Dan Latihan Peringkat ATM

BGSP senantiasanya meneruskan aktiviti latihan bagi memberi pendedahan kepada pegawai dan staf dalam situasi sebenar bantuan khidmat geospasial di medan perang. Pada tahun ini, lima (5) aktiviti operasi dan latihan telah dilaksanakan. Butir-butir penglibatan dalam tahun 2015 adalah seperti berikut:

- i. Ops Murni di Temerloh, Pahang pada 7 hingga 9 Januari 2015.
- ii. Ops Banjir Pantai Timur pada 12 hingga 19 Januari 2015.
- iii. Ops PESAMA LIMA pada 20 hingga 22 Julai 2015 di Butterworth, Pulau Pinang.
- iv. Projek Khas Kesan Gempa Bumi pada 15 hingga 30 Jun 2015 di Gunung Kinabalu, Sabah.
- v. *Ex Land Strike* pada 7 hingga 11 September 2015.

Penglibatan BGSP Dalam Perkhidmatan Penawanan Data

Aktiviti penawaran data ini dilaksanakan menggunakan UAV, IGePS dan alat Trimble bagi mengutip dan mengemaskini data geospasial di BGSP. Pada tahun 2015, BGSP telah memberikan perkhidmatan menggunakan UAV dan alat Trimble sejumlah 18 kali bagi membantu agensi dalaman NRE dan juga bagi projek NCO ATM.

Kemajuan keseluruhan aktiviti pemberian perkhidmatan bagi tahun 2015 adalah seperti berikut:

BIL	AKTIVITI	SKT 2015 (KALI)	PENCAPAIAN
1	Perkhidmatan Geospasial Medan untuk Operasi dan Latihan Peringkat ATM	7	7 kali (100%)
2	Perkhidmatan Penawanan Data Geospasial	12	18 kali (150%)





Pembangunan Keupayaan uGEO FOR DEFENCE

Melalui pelaksanaan program ini, BGSP terlibat secara langsung di dalam menyediakan maklumat dan perkhidmatan geospasial pertahanan kepada ATM. Di antara skop-skop program uGeo for Defence di fasa permulaan untuk aktiviti ini ialah:

- i. Pembangunan Modal Insan
- ii. Program Outreach
- iii. Seminar
- iv. Mesyuarat Jawatankuasa Geospasial Pertahanan
- v. Integrasi Defence Geographic Information System
- vi. Polisi dan Doktrin Geospasial Pertahanan
- vii. Program Pembangunan Geospasial Pertahanan



Ringkasan pencapaian bagi aktiviti ini bagi tahun 2015 adalah seperti berikut:

BIL.	AKTIVITI	SKT 2015	PENCAPAIAN
1	Pembangunan Modal Insan Seminar Luar Negara Seminar Dalam Negara Kursus Dalam Negara	1 Kali 4 kali 25 kali	3 kali (300%) 5 kali (125%) 25 kali (100%)
2	Program <i>Outreach</i> Program <i>Outreach</i>	10 Sesi	8 Sesi (80%)
3	Seminar Seminar Geospatial	1 Kali	1 Kali (100%)
4	Mesyuarat Jawatankuasa Geospatial Pertahanan	1 Kali	1 Kali (100%)
5	Integrasi <i>Defence Geographic Information System</i> (DGIS) melalui projek <i>Network Centric Operation</i> (NCO) ATM	Pelaksanaan- Fasa 2 Lab	100%
6	Program Pembangunan Geospatial Pertahanan	3 Program	2 Program (70%)



LAPORAN KEWANGAN



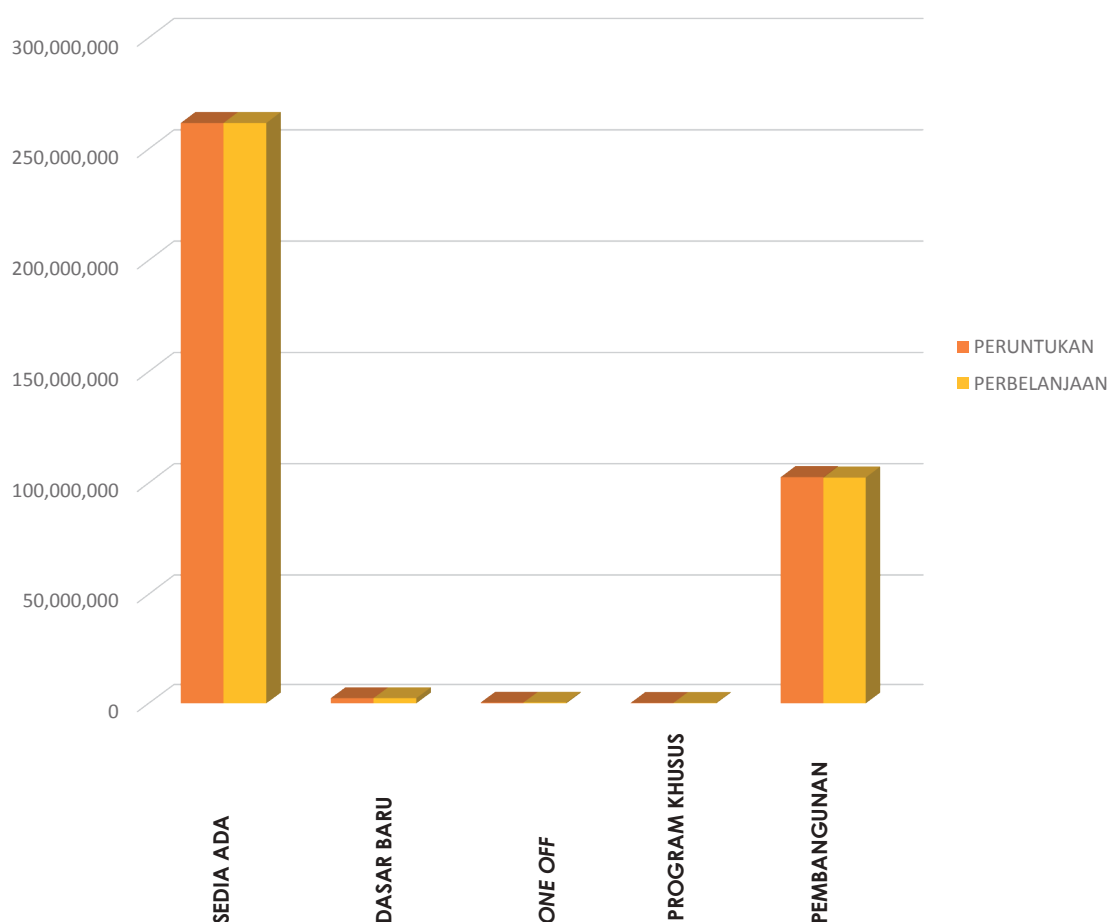
PENGURUSAN KEWANGAN

JUPEM telah menerima peruntukan kewangan sebanyak RM 367,607,270.00 bagi tahun 2015 yang meliputi Belanja Mengurus (RM 264,921,470.00) dan Belanja Pembangunan (RM 102,685,800.00). Daripada jumlah tersebut dan sehingga 31 Disember 2015 sebanyak RM 367,390,385.01 (99.94%) telah dibelanjakan.

Perincian agihan peruntukan dan perbelanjaan keseluruhan adalah seperti berikut:

AGIHAAN PERUNTUKAN	PERUNTUKAN RM	PERBELANJAAN	
		RM	(%)
Sedia Ada	261,749,730.00	261,740,675.97	100.00
Dasar Baru	2,431,690.00	2,431,680.78	100.00
One-Off	436,750.00	436,749.98	100.00
Program Khusus	303,300.00	293,111.97	96.64
Pembangunan	102,685,800.00	102,488,166.31	99.81
JUMLAH KESELURUHAN	367,607,270.00	367,390,385.01	99.94

Pencapaian kewangan tahun 2015 adalah seperti berikut:



BELANJA MENGURUS

Jumlah peruntukan sebanyak RM 264,921,470.00 di bawah Belanja Mengurus yang diluluskan pada tahun 2015 adalah untuk perbelanjaan bagi emolumen, perkhidmatan dan bekalan serta pemberian dan kenaikan tetap. Di samping itu, peruntukan juga diluluskan untuk perolehan aset dan perbelanjaan one-off.

Perincian peruntukan dan perbelanjaan belanja mengurus tahun 2015 adalah seperti berikut:

SEDIA ADA

OBJEK AM	PERUNTUKAN (RM)	PERBELANJAAN	
		(RM)	(%)
Emolumen	195,150,940.00	195,142,321.00	100
Perkhidmatan & Bekalan	66,529,060.00	66,528,638.86	100
Pemberian Dan Kenaan Tetap	69,730.00	69,716.11	99.98
JUMLAH	261,749,730.00	261,740,675.97	100

DASAR BARU

OBJEK AM	PERUNTUKAN (RM)	PERBELANJAAN	
		(RM)	(%)
Perkhidmatan & Bekalan	2,431,690.00	2,431,680.78	99.99
JUMLAH	2,431,690.00	2,431,680.78	99.99

ONE-OFF

OBJEK AM	PERUNTUKAN (RM)	PERBELANJAAN	
		(RM)	(%)
Kursus Luar Negara	436,750.00	436,749.98	100.00
JUMLAH	436,750.00	436,749.98	100.00

PROGRAM KHUSUS

OBJEK AM	PERUNTUKAN (RM)	PERBELANJAAN	
		(RM)	(%)
Emolumen Kakitangan Kontrak	303,300.00	293,111.97	96.64
JUMLAH	303,300.00	293,111.97	96.64

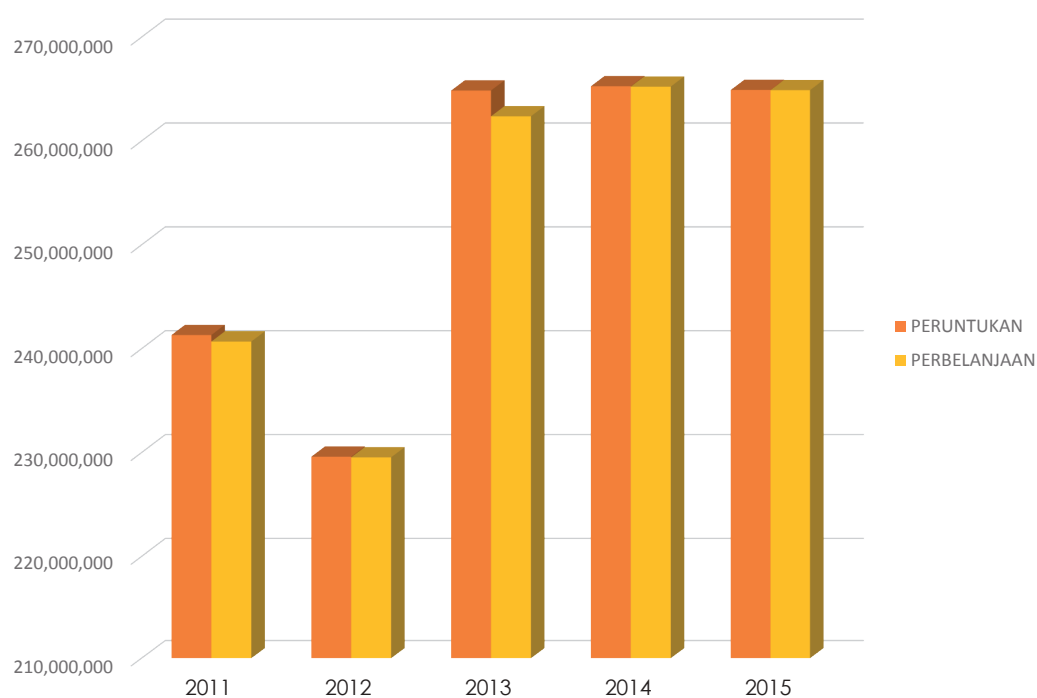
Pencapaian keseluruhan peruntukan aktiviti belanja mengurus adalah seperti berikut:

AKTIVITI	PERUNTUKAN (RM)	PERBELANJAAN (RM)	PERATUS (%)
Sedia Ada	261,749,730.00	261,740,675.97	100.00
Dasar Baru	2,431,690.00	2,431,680.78	99.99
One-Off	436,750.00	436,749.98	100.00
Program Khusus	303,300.00	293,111.97	96.64
JUMLAH KESELURUHAN	264,921,470.00	264,902,218.70	99.99

Pencapaian aktiviti belanja mengurus bagi tempoh lima tahun adalah seperti berikut:

TAHUN	PERUNTUKAN	PERBELANJAAN	PERATUS (%)
2011	241,327,070.00	240,697,761.25	99.74
2012	229,609,050.00	229,544,487.01	99.98
2013	264,863,999.00	262,383,633.48	99.06
2014	265,281,160.00	265,241,750.77	99.98
2015	264,921,470.00	264,902,218.70	99.99

Carta di bawah menunjukkan jumlah peruntukan dan perbelanjaan bagi belanja mengurus untuk tempoh lima tahun:



BELANJA PEMBANGUNAN

Sejumlah RM 102,685,800.00 telah diperuntukkan untuk Belanja Pembangunan Tahun 2015 bagi 'Rolling Plan' Ke-4, Rancangan Malaysia Ke-10 (RMK-10) bagi menjayakan projek-projek pembangunan.

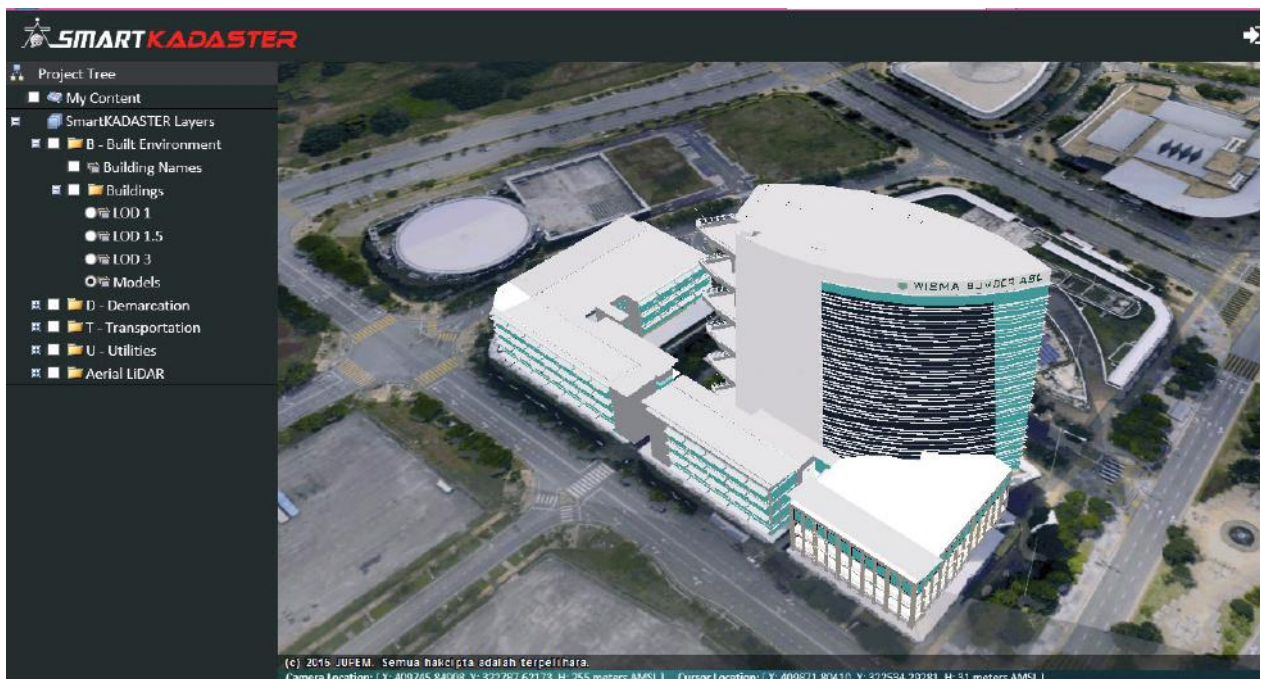
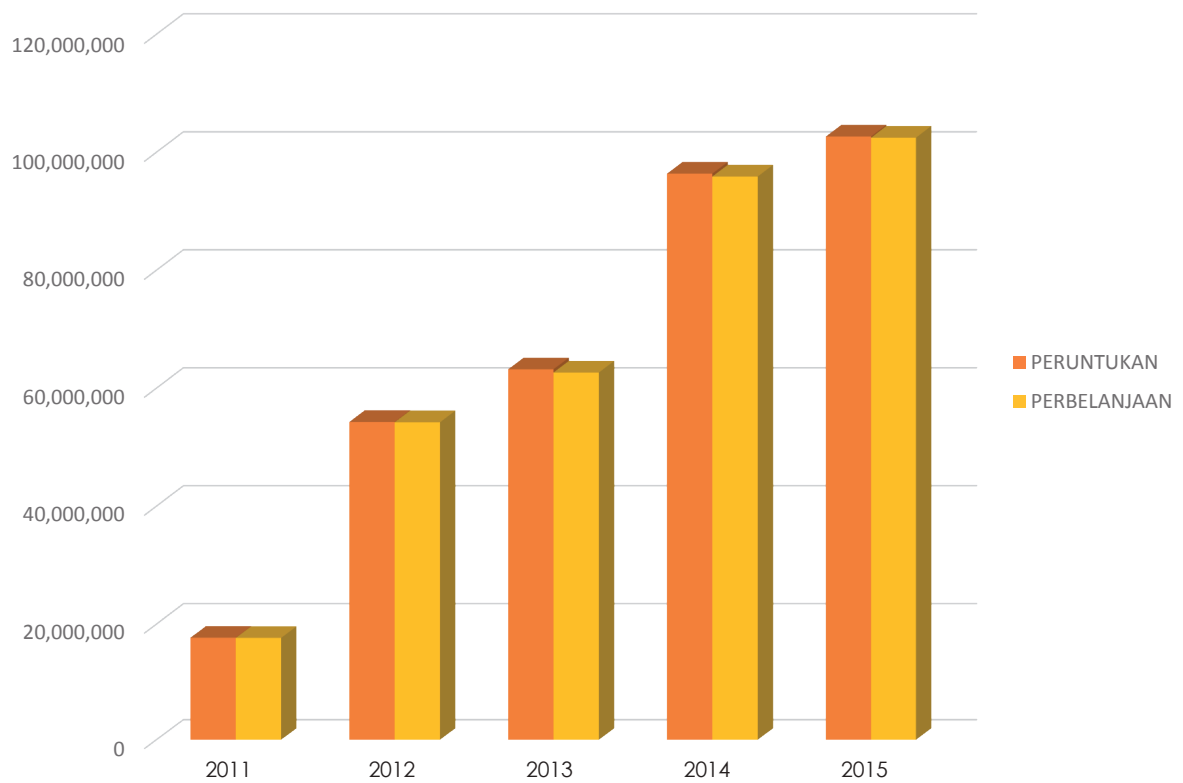
Senarai projek, peruntukan dan perbelanjaan adalah seperti berikut:

BUTIRAN / NAMA PROJEK	PERUNTUKAN (RM)	PERBELANJAAN	
		(RM)	(%)
Penentuan dan Pengukuran Sempadan Antarabangsa (Darat dan Maritim) Malaysia Dengan Negara-Negara Jiran	11,026,600.00	10,968,420.37	99.47
Pemeriksaan Pangkalan Data Kadaster Digital Kebangsaan	19,493,400.00	19,493,400.00	100.00
ICT Enterprise Intergrated System Bagi JUPEM (IEIS)	3,278,300.00	3,176,457.78	96.89
e-Pemetaan	31,167,100.00	31,129,488.16	99.87
Marine Geodetic Infrastructure In Malaysia Waters (MAGIC)	9,994,200.00	9,994,200.00	100.00
Sistem Pangkalan Data Geodetik (SPDG)	7,348,264.00	7,348,264.00	100.00
Projek Pembangunan Maklumat Geospatial untuk Keselamatan	20,377,936.00	20,377,936.00	100.00
JUMLAH	102,685,800.00	102,488,166.31	99.81

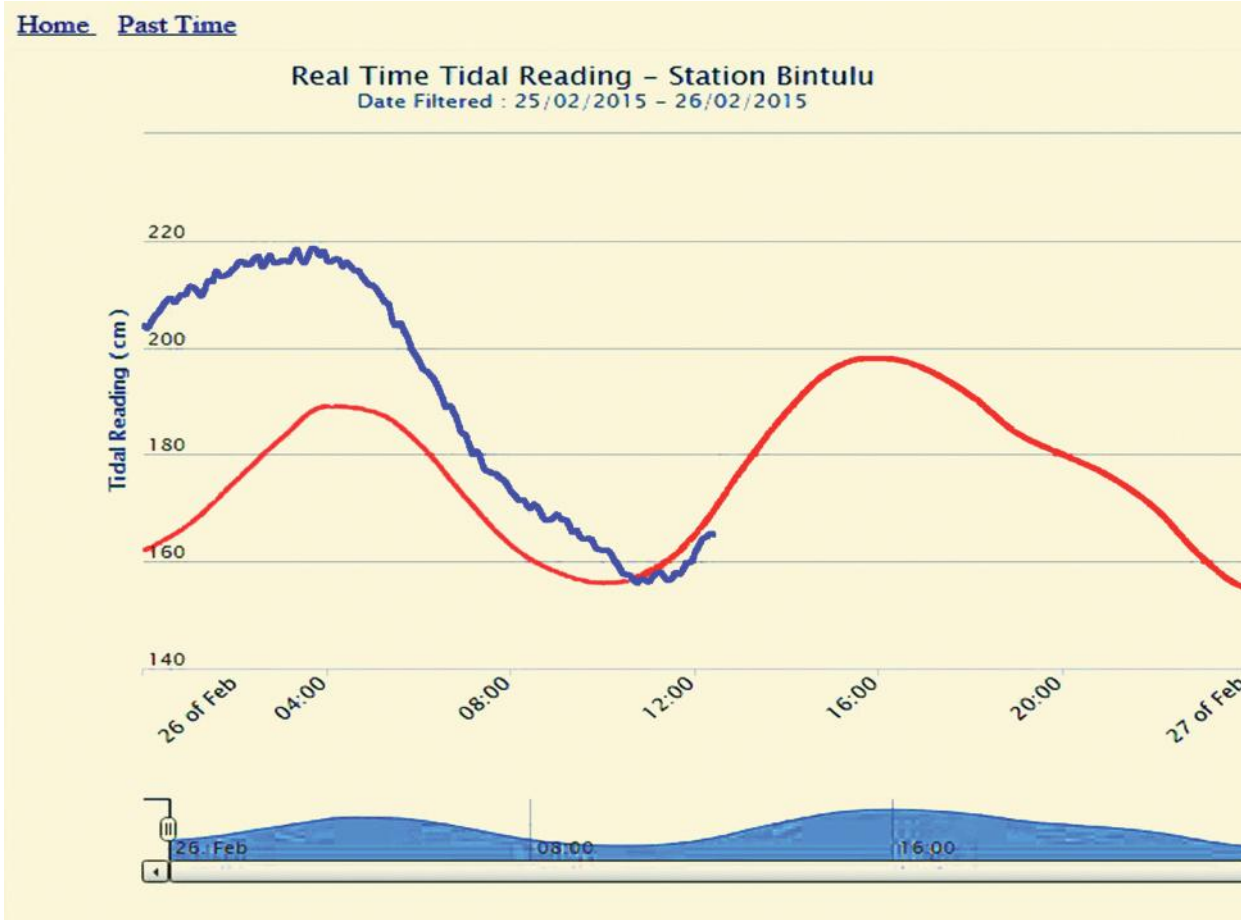
Pencapaian aktiviti belanja pembangunan bagi tempoh lima tahun adalah seperti berikut:

TAHUN	PERUNTUKAN	PERBELANJAAN	PERATUS (%)
2011	17,695,525.00	17,660,229.65	99.80
2012	54,284,000.00	54,232,243.35	99.90
2013	63,214,000.00	62,666,883.77	99.13
2014	96,391,905.00	95,900,907.14	99.49
2015	102,685,800.00	102,488,166.31	99.81

Carta di bawah menunjukkan jumlah peruntukan dan perbelanjaan bagi belanja pembangunan untuk tempoh lima tahun :



Pilot Projek SmartKadaster bagi Kawasan Wilayah Persekutuan Kuala Lumpur



Telemetri : Bacaan Air Pasang Surut di Stesen Bintulu



Foto Udara kawasan Temerloh yang diambil menggunakan UAV (*Unmanned Aerial Vehicle*)

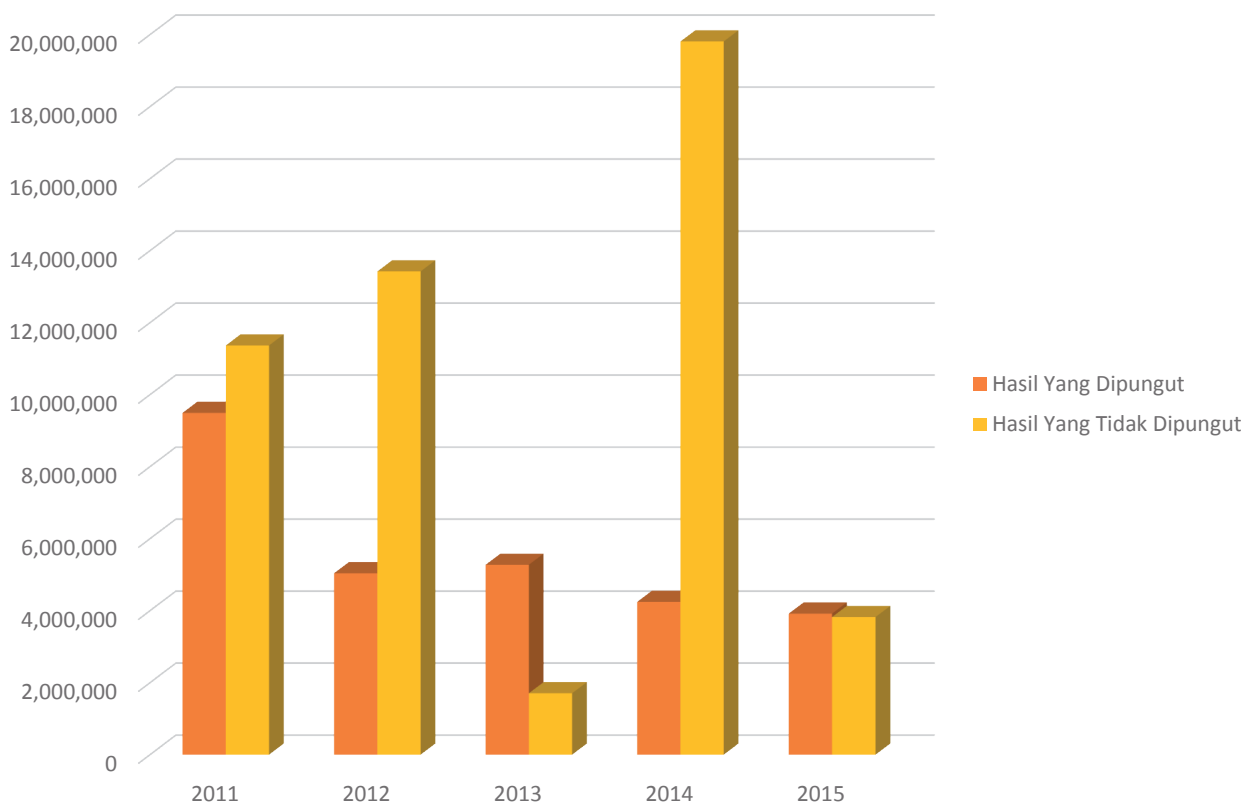
HASIL

Dalam tahun 2015, jumlah hasil pendapatan JUPEM adalah sebanyak RM 7,744,671.74 yang diperolehi melalui penjualan peta, pelan akui, foto udara, data-data geodetik dan astronomi, bayaran upah ukur, serta lain-lain perkhidmatan termasuk bayaran lesen atau permit dari penjualan data berdigit. Walau bagaimanapun, sejumlah RM 3,919,771.54 sahaja hasil yang dapat dipungut manakala sejumlah RM 3,824,900.20 adalah hasil yang tidak dapat dipungut dan dikategorikan sebagai pendapatan daripada perkhidmatan yang dikecualikan bayarannya oleh peruntukan undang-undang.

Butir-butir kutipan hasil bagi keseluruhan JUPEM (Ibu Pejabat dan JUPEM Negeri) untuk lima tahun kebelakangan:

TAHUN	HASIL YANG DIPUNGUT	HASIL YANG TIDAK DIPUNGUT	JUMLAH
2011	9,495,794.90	11,367,195.18	20,862,990.08
2012	5,040,601.41	13,425,495.25	18,466,096.66
2013	5,276,162.57	1,707,699.75	6,983,862.32
2014	4,247,076.00	19,812,787.69	24,059,863.69
2015	3,919,771.54	3,824,900.20	7,744,671.74

Carta di bawah menunjukkan pecahan kutipan hasil bagi tempoh lima tahun:





ANUGERAH DAN
PENGIKTIRAFAN



ANUGERAH DAN PENGIKTIRAFAN

Sepanjang tahun 2015, JUPEM telah menerima beberapa anugerah di atas pencapaiannya dalam pelbagai bidang. Pencapaian dan pengiktirafan sepanjang tahun 2015 merupakan manifestasi dan komitmen semua warga JUPEM kepada Jabatan khususnya dan perkhidmatan awam amnya. Antara anugerah dan pengiktirafan yang diperolehi JUPEM sepanjang tahun 2015 adalah seperti berikut:

BIL.	KATEGORI	PERINGKAT
1	<i>Special Achievement in GIS</i> atau <i>SAG Awards</i>	Antarabangsa
2	Anugerah Emas dan Pemenang Amalan Terbaik Akrab (ATA) Sempena Konvensyen AKRAB	Kebangsaan
3	Anugerah Emas Konvensyen <i>Team Excellence</i> Wilayah Utara – JUPEM Kedah	Kebangsaan (Zon Utara)
4	Pertandingan Cabaran Inovasi sempena Persidangan & Pameran Pengkomersilan MOSTI – JUPEM Pulau Pinang	Kebangsaan (Tempat Ketiga)
5	Anugerah Emas Tiga Bintang dalam Konvensyen <i>Team Excellence</i> Peringkat Kebangsaan (NTE _x) sempena <i>Annual Productivity and Innovation Conference and Exhibition (APIC) 2015</i> – JUPEM Kedah	Kementerian
6	Anugerah Sijil Naziran Cemerlang 2015 (Bahagian Pemetaan Topografi Sabah), Anugerah Sijil Kecemerlangan Naziran Bersih (Pejabat Topografi Wilayah Sandakan) dan Anugerah Sijil Kecemerlangan Naziran dalam Kategori Sederhana 2015 (Pejabat Topografi Wilayah Tawau) oleh Jabatan Akauntan Negara Malaysia Negeri Sabah	Kebangsaan
7	Anugerah Akrab Gemilang sempena AKRAB NRE	Kementerian
8	Anugerah Kumpulan Inovatif dan Kreatif (KIK) Terbaik 1NRE Kategori Pengurusan – Bahagian Pemetaan Utiliti	Kementerian (Naib Johan)
9	Anugerah Kumpulan Inovatif dan Kreatif (KIK) Terbaik 1NRE Kategori Teknikal – JUPEM Terengganu	Kementerian (Johan)
10	Pertandingan Simfoni Seni Hari Inovasi 1NRE	Kementerian (Johan)
11	Pertandingan Inovasi 1NRE – JUPEM Pulau Pinang	Kementerian (Johan)
12	Pertandingan Filem Pendek Hari Inovasi 1NRE	Kementerian (Johan)
13	Pertandingan Logo Transformasi Hari Inovasi 1NRE	Kementerian (Johan)
14	Johan Keseluruhan di Peringkat Jabatan/Agensi Di bawah NRE Sempena Hari Inovasi 1NRE Tahun 2015	Kementerian (Johan)
15	Anugerah Emas sempena Konvensyen KIK dan Hari Inovasi Peringkat Negeri Pahang – JUPEM Pahang	Negeri

Anugerah Akrab Gemilang 2015 sempena Seminar AKRAB NRE



Special Achievement in GIS atau SAG Awards



Johan Keseluruhan di Peringkat Jabatan/Agensi Di bawah NRE Sempena Hari Inovasi 1NRE Tahun 2015



Anugerah Emas dan Pemenang Amalan Terbaik Akrab (ATA) Sempena Konvensyen AKRAB



Pertandingan Cabaran Inovasi Inklusif 2015 MOSTI – JUPEM Pulau Pinang



Anugerah Emas Konvensyen Team Excellence Wilayah Utara – JUPEM Kedah



Anugerah Emas Tiga Bintang dalam Konvensyen Team Excellence Peringkat Kebangsaan (NTEx) sempena *Annual Productivity and Innovation Conference and Exhibition (APIC) 2015 – JUPEM Kedah*



IMBASAN PERISTIWA UTAMA



IMBASAN PERISTIWA UTAMA 2015



Bacaan ikrar sempena Majlis Amanat Tahun Baru 2015 oleh YBhg. Datuk Prof. Sr Ahmad Fauzi bin Nordin, Ketua Pengarah Ukur dan Pemetaan Malaysia di Dewan Ukur, Ibu Pejabat JUPEM, Kuala Lumpur.



Mesyuarat Pengurusan JUPEM Bil.1/2015 bertempat di Bilik Persidangan, Tingkat 15, Wisma JUPEM, Ibu Pejabat JUPEM, Kuala Lumpur dan dipengerusikan oleh YBhg. Datuk Prof. Sr Ahmad Fauzi bin Nordin, Ketua Pengarah Ukur dan Pemetaan Malaysia.



YBhg. Datuk Prof. Sr Ahmad Fauzi bin Nordin, Ketua Pengarah Ukur dan Pemetaan Malaysia menyempurnakan pelepasan rombongan Misi Bantuan Kemanusiaan Bencana JUPEM, "NRE Caring Programme". Majlis perlepasan tersebut telah berlangsung di perkarangan Ibu Pejabat JUPEM yang turut dihadiri oleh Kumpulan Pengurusan Tertinggi Jabatan serta pegawai dan kakitangan JUPEM.



Sesi Bual Bicara dan Mesyuarat Terhimpun Puspanita Jabatan Ukur dan Pemetaan Malaysia (JUPEM) bagi tahun 2015 telah diadakan di Dewan Ukur, Ibu Pejabat JUPEM, Jalan Sultan Yahya Petra, Kuala Lumpur dan dirasmikan oleh Puan Alice @ Noorlis bt. Norbis, Pengerusi PUSPANITA JUPEM dan diteruskan dengan sesi Bual Bicara. Sesi bual bicara tersebut dipengerusikan oleh YBhg. Dato' Sr Hasan bin Jamil, Timbalan Ketua Pengarah Ukur dan Pemetaan I.



18 FEBRUARI 2015

Satu upacara serah dan terima tugas Pengarah Bahagian Geospacial Pertahanan telah diadakan bertempat di Tingkat 2, Bangunan Ukur, Ibu Pejabat JUPEM diantara Brig. Jen. Abu Sufian bin Hj. Ahmad dan Brig. Jen. Hj. Ahmad Nasir bin Hj. Abd. Rahman.



23-26 MAC 2015

Bahagian Perancangan dan Korporat telah menganjurkan satu Bengkel Kumpulan Inovatif dan Kreatif (KIK) bagi Fasilitator dan Ketua Kumpulan Tahun 2015 bertempat di Hotel New York, Johor Bharu, Johor.



30-31 MAC 2015

Mesyuarat Jawatankuasa Pemetaan dan Data Spatial Negara (JPDSN) Bilangan 66 telah diadakan di Bayview Hotel Langkawi dan dipengerusikan oleh YBhg. Datuk Prof. Sr Ahmad Fauzi bin Nordin, Ketua Pengarah Ukur dan Pemetaan Malaysia. Mesyuarat ini telah dihadiri oleh ahli-ahli JPDSN dari seluruh negara yang terdiri daripada 40 wakil dari pelbagai Jabatan/ Agensi Kerajaan serta Institusi Pengajian Tinggi Awam (IPTA).



12-14 APRIL 2015

Taklimat Pengurusan Kewangan untuk Pengurusan Tertinggi dan Pegawai Kanan JUPEM anjuran Seksyen Kewangan (Bahagian Khidmat Pengurusan) ini telah diadakan di INTAN Kluang, Johor (IKHWAS) dan melibatkan 45 orang pegawai kanan JUPEM.



7 MEI 2015

Majlis Penyampaian Anugerah Perkhidmatan Cemerlang Tahun 2014 bertempat di Wisma Lembaga Jurukur Tanah, Pusat Bandar Melawati, Kuala Lumpur telah disempurnakan oleh Timbalan Menteri Sumber Asli dan Alam Sekitar, YB Dato' Sri Dr. James Dawos Mamit.



15-18 MEI 2015

Majlis Sukan Jabatan Ukur dan Pemetaan Malaysia (MSJUPEM) dengan kerjasama Kelab Sukan dan Kebajikan JUPEM Kedah telah menganjurkan Pesta Sukan Ukur SeMalaysia Kali Ke-30 (PESUMA 30) bertempat di Politeknik Tuanku Sultanah Bahiyah, Kulim, Kedah.



29 JUN 2015

Majlis Berbuka Puasa telah diadakan di Perkarangan Wisma JUPEM. Majlis tersebut telah dihadiri oleh Timbalan Ketua Setiausaha I NRE, Pengurusan Tertinggi Jabatan, pegawai-pegawai kanan dan kakitangan JUPEM serta kepimpinan PEJUTA.



14 JULAI 2015

YBhg. Dato' Sri Zool Azha bin Yusof, Ketua Setiausaha Kementerian Sumber Asli Dan Alam Sekitar Malaysia (NRE) telah mengadakan lawatan kerja ke Kundasang, Ranau dengan diiringi oleh YBhg. Dato' Sr Hasan bin Jamil, Timbalan Ketua Pengarah Ukur dan Pemetaan I, Encik Mohammad Zaki bin Mohd Ghazali, Pengarah Ukur Bahagian Pemetaan Topografi Sabah dan Encik Mustafar bin Hamza, Pengarah Jabatan Mineral dan Geosains Malaysia (Sabah) serta pegawai-pegawai kanan jabatan.



31 JULAI 2015

JUPEM telah mengadakan satu majlis sambutan Hari Raya bertempat di perkarangan letak kereta Bangunan Ukur, Jalan Sultan Yahya Petra, Kuala Lumpur. Majlis dihadiri oleh kakitangan Ibu Pejabat JUPEM dan jemputan lain. Majlis ini turut diserikan dengan kehadiran YBhg. Dato' Dr. Mohd Ali bin Mohamad Nor, Timbalan Ketua Setiausaha (Sumber Asli).



28 OGOS 2015

Pegawai Bahagian Pemetaan Topografi Sabah telah berpeluang bertemu dan beramah mesra dengan YB Dato Sri Dr. Haji Wan Junaidi bin Tuanku Jaafar, Menteri Sumber Asli dan Alam Sekitar (NRE) di bilik VVIP Lapangan Terbang Antarabangsa Kota Kinabalu sewaktu keberangkatan balik YB Menteri NRE ke Kuala Lumpur. YB Menteri sebelum ini telah mengadakan lawatan kerja ke Sabah.



2 SEPTEMBER 2015

AKRAB JUPEM telah dipilih sebagai Akrab Gemilang NRE sempena Mesyuarat Agung Akrab Kementerian Sumber Asli dan Alam Sekitar bertempat di Dewan Baiduri, NRE. Anugerah ini telah disampaikan oleh YBhg. Dato' Sri Azizan bin Ahmad, Ketua Setiausaha Kementerian Sumber Asli dan Alam Sekitar.



13-15 SEPTEMBER 2015

Bahagian Perancangan dan Korporat JUPEM telah menganjurkan Bengkel Pemantapan Persempahan dan Penyediaan Dokumentasi Kumpulan Inovatif dan Kreatif JUPEM bertempat di Institut Pembangunan Modal Insan, Jabatan Pengairan dan Saliran Kelantan disertai oleh 60 orang peserta dan dikendalikan oleh Tuan Haji Husaini bin Haji Morid, penceramah dari QKM Consult.



14 SEPTEMBER 2015

Jabatan Tanah dan Survei Sarawak telah mengadakan lawatan rasmi ke Jabatan Ukur dan Pemetaan Malaysia pada 14 September 2015. Taklimat berkaitan Jabatan telah diberikan oleh Sr Dr. Teng Chee Hua, Pengarah Ukur Bahagian Kadaster di Bilik Mesyuarat Topaz, Tingkat 10, Wisma JUPEM.



17 SEPTEMBER 2015

Bahagian Dasar dan Penyelarasan Pemetaan telah menganjurkan Mesyuarat Ke-17 Jawatankuasa Teknikal Nama Geografi Kebangsaan (JTNGK) yang diadakan di Bilik Gerakan, Aras 4, Bangunan Persekutuan, Jalan Anson, Pulau Pinang pada 17 September 2015. Mesyuarat telah dipengerusikan oleh YBhg. Dato' Sr Hasan bin Jamil, Timbalan Ketua Pengarah Ukur dan Pemetaan I selaku Pengerusi JTNGK dan telah dihadiri seramai 31 orang ahli terdiri daripada wakil-wakil Setiausaha Kerajaan Negeri dan Jabatan/Agensi Kerajaan Persekutuan.



28 SEPTEMBER 2015

Mesyuarat Pengurusan JUPEM Bil. 3/2015 telah berlangsung di Bilik Persidangan Tingkat 15, Wisma JUPEM dan dipengerusikan oleh YBhg. Datuk Prof. Sr Ahmad Fauzi bin Nordin, Ketua Pengarah Ukur dan Pemetaan Malaysia. Mesyuarat tersebut dihadiri oleh 40 pegawai meliputi Timbalan Ketua Pengarah Ukur dan Pemetaan, Pengarah Bahagian, Pengarah Negeri dan wakil Bahagian masing-masing.



5 OKTOBER 2015

Majlis Perhimpunan Bulanan bersama YB Dato Sri Dr. Haji Wan Junaidi bin Tuanku Jaafar, Menteri Sumber Asli dan Alam Sekitar telah diadakan di Dewan Perdana FELDA, Kuala Lumpur di mana Jabatan Ukur dan Pemetaan Malaysia (JUPEM) telah dipilih menjadi tuan rumah bagi perhimpunan pertama YB Menteri yang baru dilantik. Majlis turut dihadiri oleh YB Datuk Ir. Haji Hamim bin Samuri, Timbalan Menteri, Dato' TKSU I dan TKSU II serta Ketua-Ketua Jabatan/Agensi dan kakitangan di bawah NRE.



6 OKTOBER 2015

Satu Taklimat Pemahaman Sistem Pengurusan Kualiti ISO 9001:2015 telah diadakan di Bilik Persidangan, Tingkat 15, Wisma JUPEM. Taklimat ini dipengerusikan oleh YBhg. Dato' Sr Hasan bin Jamil, Timbalan Ketua Pengarah Ukur dan Pemetaan I, dan telah dihadiri oleh semua Pengarah Bahagian, serta Pengarah-pengarah Ukur Negeri. Taklimat ini telah disampaikan oleh Encik Mohd Bakri bin Jali dari SIRIM Training Services Sdn. Bhd.



9-11 OKTOBER 2015

Kejohanan Sukan Kementerian Sumber Asli dan Alam Sekitar (NRE) Kali Ke-6 telah diadakan di Institut Tanah dan Ukur Negara (INSTUN), Universiti Pendidikan Sultan Idris (UPSI) serta Proton City, Tanjung Malim, Perak. Upacara perasmian telah disempurnakan oleh YB Dato Sri Dr. Haji Wan Junaidi bin Tuanku Jaafar, Menteri Sumber Asli dan Alam Sekitar. Institut Tanah dan Ukur Negara (INSTUN) bersama-sama Jabatan Ketua Pengarah Tanah dan Galian (JKPTG) dan Institut Penyelidikan Hidraulik Kebangsaan Malaysia (NAHRIM) telah dipilih sebagai penganjur bagi kejohanan sukan NRE pada tahun ini. Bagi kejohanan kali ini, sebanyak 23 acara telah dipertandingkan di mana JUPEM telah berjaya mendapat Naib Johan keseluruhan dalam temasya pada kali ini.



19 OKTOBER 2015

Majlis Penganugerahan Sijil Kompetensi Kursus Pemetaan Utiliti Bawah Tanah Kali Ke-3 atau “*Certification of Underground Utility Detection and Mapping*” (CUUDM) telah diadakan di Hotel Istana, Kuala Lumpur anjuran Persatuan Jurukur Tanah Bertauliah Malaysia (PEJUTA) dengan kerjasama Lembaga Jurukur Tanah Malaysia (LJT) dan Jabatan Ukur dan Pemetaan Malaysia (JUPEM). Majlis ini telah disempurnakan oleh YB Dato Sri Dr. Haji Wan Junaidi Bin Tuanku Jaafar, Menteri Sumber Asli dan Alam Sekitar.



21 OKTOBER 2015

Delegasi Kementerian Tanah Bangladesh seramai enam (6) orang yang diketuai oleh Encik Mohammad Shaiful Alam, Setiausaha Kanan Kementerian Tanah, Bangladesh membuat lawatan rasmi ke Kementerian Sumber Asli dan Alam Sekitar (NRE) Malaysia. Taklimat telah diadakan bertempat di Bilik Persidangan Tingkat 15, Wisma JUPEM, Jabatan Ukur dan Pemetaan Malaysia (JUPEM). Majlis dipengerusikan oleh YBhg. Dato' Dr. Mohd Ali bin Mohamad Nor, Timbalan Ketua Setiausaha I NRE dan turut dihadiri oleh YBhg. Datuk Prof. Sr Ahmad Fauzi bin Nordin, Ketua Pengarah Ukur dan Pemetaan Malaysia serta pegawai-pegawai kanan Ibu Pejabat JUPEM.



30 OKTOBER 2015

Lawatan Delegasi dari Indonesia telah berlangsung di Bilik Mesyuarat Jed, Tingkat 10, Wisma JUPEM. Penerangan mengenai Ukur Kadaster di Malaysia telah disampaikan oleh Sr Haji Anual bin Aziz, Pengarah Ukur Seksyen Naziran Kadaster.



2 NOVEMBER 2015

Bertempat di Bilik Gerakan JUPEM Negeri Perak telah berlangsung Mesyuarat Penyelarasan Peruntukan Projek Pembangunan Rancangan Malaysia Ke-11 (RMK-11) Tahun 2016-2020 dan Mesyuarat Kerja Penyediaan Dokumen Pelan Strategik ICT (ISP) Jabatan Ukur dan Pemetaan Malaysia (JUPEM) 2016-2020 yang dipengerusikan oleh YBhg. Dato' Sr Hasan bin Jamil, Timbalan Ketua Pengarah Ukur dan Pemetaan I.



12 NOVEMBER 2015

Lawatan rasmi ke Sempadan Antarabangsa Malaysia-Thailand oleh YB Dato' Ir. Hamim Samuri, Timbalan Menteri Kementerian Sumber Asli dan Alam Sekitar (NRE). Ketibaan beliau telah disambut oleh YBhg. Datuk Prof. Sr Ahmad Fauzi bin Nordin, Ketua Pengarah Ukur dan Pemetaan Malaysia bersama pegawai-pegawai kanan JUPEM yang lain.



17 NOVEMBER 2015

JUPEM telah dinobatkan sebagai Juara Keseluruhan dalam Pertandingan Hari Inovasi INRE 2015 dengan jumlah hadiah kemenangan sebanyak RM21,000.00. Hadiah telah disampaikan oleh YB Dato Sri Dr. Haji Wan Junaidi bin Tuanku Jaafar, Menteri Sumber Asli dan Alam Sekitar dalam Majlis Perhimpunan Bulan November NRE di Institut Penyelidikan Perhutanan Malaysia (FRIM)



Mesyuarat Jawatankuasa Geospasial Pertahanan Bil.1/2015 telah diadakan di Wisma Pertahanan, Kuala Lumpur dan dipengerusikan oleh pengerusi bersama iaitu YBhg. Datuk Prof. Sr Ahmad Fauzi bin Nordin, Ketua Pengarah Ukur dan Pemetaan Malaysia dan YBhg. Lt. Jen. Dato' Sri Haji Sabri bin Adam, Ketua Staf MK ATM.



Pada 23 hingga 26 November 2015, bertempat di Institut Pembangunan Modal Insan (Zon Utara) Jabatan Pengairan dan Saliran, Kampung Temiang, Ipoh, Perak telah berlangsung Bengkel Peningkatan Profesionalisme AKRAB Jabatan Ukur dan Pemetaan Malaysia. Objektif bengkel tersebut adalah antara lain untuk meningkatkan profesionalisme ahli-ahli AKRAB JUPEM serta menjuruskan motivasi diri, mengenalpasti dan menjelaskan faktor-faktor utama dalam pembinaan modal insan dan mengenali kekuatan dan kelemahan diri serta langkah mengatasi secara berkumpulan. Antara aktiviti-aktiviti yang telah berlangsung sepanjang bengkel tersebut adalah lawatan ke Asrama Anak-anak Yatim Darussalam, Ipoh dan Hospital Bahagia Ulu Kinta, Tanjung Rambutan.



1-3 DISEMBER 2015

Konvensyen Kumpulan Inovatif dan Kreatif (KIK) Jabatan Ukur dan Pemetaan Malaysia telah diadakan bertempat di Hotel Flamingo, Ampang, Selangor, dan dirasmikan oleh Ketua Pengarah Ukur dan Pemetaan Malaysia, YBhg. Datuk Prof. Sr Ahmad Fauzi bin Nordin. Konvensyen ini telah disertai oleh 12 pasukan yang mana 11 pasukan adalah daripada JUPEM Negeri. Juara keseluruhan Konvensyen KIK JUPEM tahun 2015 telah dianugerahkan kepada Kumpulan Geliga dari JUPEM Terengganu.



15 DISEMBER 2015

Mesyuarat tahunan antara BGSP dan DGC telah diadakan di Bilik Mesyuarat BGSP Tingkat 2, Bangunan Ukur. Mesyuarat tersebut dipengerusikan oleh Pengarah BGSP dan perwakilan dari DGC diwakili oleh Mr. Andrew Mark Foy (Setiausaha Pertama Bagi Kawasan Asia Pasifik), Mrs. Amanda Williams (Pengarah Projek Pertahanan UK) dan Mr. Neil John Anderson (Pegawai Waran II, Pegawai *Attaché* Pertahanan bagi Kedutaan British di Kuala Lumpur).



23 DISEMBER 2015

Majlis Sambutan Maulidur Rasul Peringkat Kebangsaan telah diadakan di Taman Ekspo Pertanian Antarabangsa (MAEPS), Serdang, Selangor pada 23 Disember 2015 bersamaan 12 Rabiul Awal 1437H. Majlis ini telah disempurnakan oleh Seri Paduka Baginda Yang Di-Pertuan Agung XIV Almu'tasimu Billahi Muhibbudin Tuanku Alhaj Abdul Halim Mu'adzam Shah Ibni Almarhum Sultan Badlishah. JUPEM telah menghantar seramai 100 kakitangan terdiri daripada 75 orang lelaki dan 25 orang wanita. Pada keseluruhannya, sambutan Maulidur Rasul pada tahun ini telah melibatkan penyertaan sebanyak 128 kontinjen yang terdiri dari jabatan kerajaan, badan berkanun dan juga sektor swasta.



Persidangan Pengarah-Pengarah Ukur Tahun 2015 Jabatan Ukur dan Pemetaan Malaysia (JUPEM) telah diadakan bertempat di Swiss Garden Beach Resort, Kuantan, Pahang. Persidangan ini dipengerusikan oleh YBhg. Datuk Prof. Sr Ahmad Fauzi bin Nordin, Ketua Pengarah Ukur dan Pemetaan Malaysia dan turut dihadiri oleh pegawai kanan dan pegawai pengurusan JUPEM. Dalam persidangan ini, sebanyak 27 kertas kerja telah dibentangkan oleh Pengarah Bahagian/ Seksyen/Negeri.



DIREKTORI JABATAN



DIREKTORI JABATAN

A	IBU PEJABAT JUPEM	NO. TEL.	NO. FAKS.
1	Pejabat Ketua Pengarah Ukur dan Pemetaan Jabatan Ukur dan Pemetaan Malaysia Tingkat 11, Wisma JUPEM Jalan Sultan Yahya Petra 50578 KUALA LUMPUR	03-26170891	03-26917457
2	Pejabat Timbalan Ketua Pengarah Ukur dan Pemetaan I Jabatan Ukur dan Pemetaan Malaysia Tingkat 10, Wisma JUPEM Jalan Sultan Yahya Petra 50578 KUALA LUMPUR	03-26170892	03-26970221
3	Pejabat Timbalan Ketua Pengarah Ukur dan Pemetaan II Jabatan Ukur dan Pemetaan Malaysia Tingkat 11, Wisma JUPEM Jalan Sultan Yahya Petra 50578 KUALA LUMPUR	03-26170896	03-269933618
4	Pejabat Pengarah Ukur Bahagian (Dasar dan Penyelarasan Pemetaan) Jabatan Ukur dan Pemetaan Malaysia Tingkat 10, Wisma JUPEM Jalan Sultan Yahya Petra 50578 KUALA LUMPUR	03-26170894	03-26910994
5	Pejabat Pengarah Ukur Bahagian (Kadaster) Jabatan Ukur dan Pemetaan Malaysia Tingkat 10, Wisma JUPEM Jalan Sultan Yahya Petra 50578 KUALA LUMPUR	03-26170614	03-26170727

A	IBU PEJABAT JUPEM	NO. TEL.	NO. FAKS.
6	Pengarah Bahagian (Geospacial Pertahanan) Jabatan Ukur dan Pemetaan Malaysia Tingkat 2, Bangunan Ukur Jalan Sultan Yahya Petra 50578 KUALA LUMPUR	03-26170948	03-26980505
7	Pengarah Ukur Bahagian (Ehwal Persempadanan) Jabatan Ukur dan Pemetaan Malaysia Tingkat 8, Wisma JUPEM Jalan Sultan Yahya Petra 50578 KUALA LUMPUR	03-26170893	03-26934084
8	Pengarah Ukur Bahagian (Ukur Geodetik) Jabatan Ukur dan Pemetaan Malaysia Tingkat 7, Bangunan Ukur Jalan Sultan Yahya Petra 50578 KUALA LUMPUR	03-26170635	03-26912757
9	Pengarah Bahagian (Khidmat Pengurusan) Jabatan Ukur dan Pemetaan Malaysia Tingkat 12, Wisma JUPEM Jalan Sultan Yahya Petra 50578 KUALA LUMPUR	03-26170853	03-26170869
10	Pengarah Ukur Bahagian (Pemetaan Topografi Semenanjung) Jabatan Ukur dan Pemetaan Malaysia Tingkat 3 & 5, Bangunan Ukur Jalan Sultan Yahya Petra 50578 KUALA LUMPUR	03-26170897	03-26983844
11	Pengarah Ukur Bahagian (Kartografi dan GIS) Jabatan Ukur dan Pemetaan Malaysia Tingkat 6, Bangunan Ukur Jalan Sultan Yahya Petra 50578 KUALA LUMPUR	03-26170898	03-26170647

A	IBU PEJABAT JUPEM	NO. TEL.	NO. FAKS.
12	Pengarah Ukur Bahagian (Pemetaan Utiliti) Jabatan Ukur dan Pemetaan Malaysia Tingkat 4, Bangunan Ukur Jalan Sultan Yahya Petra 50578 KUALA LUMPUR	03-26170742	03-26170984
13	Pengarah Ukur Bahagian (Pangkalan Data Geospasial Negara) Jabatan Ukur dan Pemetaan Malaysia Tingkat 7, Wisma JUPEM Jalan Sultan Yahya Petra 50578 KUALA LUMPUR	03-26170901	03-26916989
14	Pengarah Ukur Bahagian (Perancangan dan Korporat) Jabatan Ukur dan Pemetaan Malaysia Tingkat 13, Wisma JUPEM Jalan Sultan Yahya Petra 50578 KUALA LUMPUR	03-26170842	03-26170990

B	JUPEM NEGERI	NO. TEL.	NO. FAKS.
1	Pengarah Ukur dan Pemetaan Jabatan Ukur dan Pemetaan Johor Tingkat 7, 8 dan 9 Blok A, Wisma Persekutuan Jalan Ayer Molek 80000 Johor Bahru JOHOR	07-2231244	07-2238535
2	Pengarah Ukur dan Pemetaan Jabatan Ukur dan Pemetaan Kedah 1187 Jalan Raya 09000 Kulim KEDAH	04-4906166	04-4904223
3	Pengarah Ukur dan Pemetaan Jabatan Ukur dan Pemetaan Kelantan Jalan Hospital 15000 Kota Bharu KELANTAN	09-7481470	09-7443923

B	JUEM NEGERI	NO. TEL.	NO. FAKS.
4	Pengarah Ukur dan Pemetaan Jabatan Ukur dan Pemetaan Melaka Jalan Taming Sari 74500 MELAKA	06-2822844	06-2847319
5	Pengarah Ukur dan Pemetaan Jabatan Ukur dan Pemetaan Negeri Sembilan Tingkat 7&8, Wisma Persekutuan Jalan Dato' Abdul Kadir 70000 Seremban NEGERI SEMBILAN	06-7623882	06-7672351
6	Pengarah Ukur dan Pemetaan Jabatan Ukur dan Pemetaan Pahang Jalan Tengku Muhamad 25050 Kuantan PAHANG	09-5668511	09-5685541
7	Pengarah Ukur dan Pemetaan Jabatan Ukur dan Pemetaan Perak Jalan Dato' Seri Ahmad Said Greentown 30450 Ipoh PERAK	05-2417181	05-2417151
8	Pengarah Ukur dan Pemetaan Jabatan Ukur dan Pemetaan Perlis Tingkat 6, Bangunan Persekutuan Persiaran Jubli Emas 01000 Kangar PERLIS	04-9772128	04-9772131
9	Pengarah Ukur dan Pemetaan Jabatan Ukur dan Pemetaan Pulau Pinang Tingkat 39, KOMTAR 10000 Georgetown PULAU PINANG	04-2611762	04-2635884
10	Pengarah Ukur dan Pemetaan Jabatan Ukur dan Pemetaan Selangor Tingkat 16-02 dan 17-01, Plaza Masalam No. 2 Jalan Tengku Ampuan Zabedah E9/E 40578 Shah Alam SELANGOR	03-55144000	03-55132614

B	JUPEM NEGERI	NO. TEL.	NO. FAKS.
11	Pengarah Ukur dan Pemetaan Jabatan Ukur dan Pemetaan Terengganu Tingkat 7 & 8, Wisma Persekutuan Jalan Sultan Ismail 20578 Kuala Terengganu TERENGGANU	09-6221144	09-6237188
12	Pengarah Ukur dan Pemetaan Jabatan Ukur dan Pemetaan Wilayah Persekutuan Kuala Lumpur / Putrajaya Tingkat 3 & 4, Wisma JUPEM Jalan Sultan Yahya Petra 50578 KUALA LUMPUR	03-26170800	03-26938740
13	Pengarah Ukur dan Pemetaan Jabatan Ukur dan Pemetaan Labuan Tingkat 7, Blok 4 Kompleks Ujana Kewangan Peti Surat 86 87008 WILAYAH PERSEKUTUAN LABUAN	087-412068	087-417401
14	Pengarah Ukur Bahagian (Pemetaan Topografi Sabah) Jabatan Ukur dan Pemetaan Malaysia Tingkat 3, Blok B, Bangunan Kuwasa Jalan Karamuning 88840 Kota Kinabalu SABAH	088-212835	088-231243
15	Pengarah Ukur Bahagian (Pemetaan Topografi Sarawak) Jabatan Ukur dan Pemetaan Malaysia Tingkat 7, Bangunan Sultan Iskandar Jalan Simpang Tiga 93578 Kuching SARAWAK	082-420763	082-245420

C	AGENSI-AGENSI LAIN (KADER)	NO. TEL.	NO. FAKS.
1	Pengarah Cawangan Pangkalan Udara dan Maritim Tingkat 8, Blok F Ibu Pejabat JKR Malaysia Jalan Sultan Salahuddin 50582 KUALA LUMPUR	03-26108888	03-26988187
2	Pengarah Pusat Infrastruktur Data Geospasial Negara (MaCGDI) Kementerian Sumber Asli dan Alam Sekitar (NRE) Aras 7, Lot 4G3, Presint 4 Pusat Pentadbiran Kerajaan Persekutuan Putrajaya 62574 PUTRAJAYA	03-88861111	03-88894851
3	Pengarah Institut Tanah dan Ukur Negara (INSTUN) Kementerian Sumber Asli dan Alam Sekitar (NRE) Behrang 35950 Tanjung Malim PERAK	05-4542825	05-4542837
4	Penolong Pengarah Kanan Kementerian Kesejahteraan Bandar, Perumahan dan Kerajaan Tempatan (KPKT) Bahagian Pelaksanaan dan Penyelenggaraan Projek Unit Ukur Tanah Aras 8, No. 51 Persiaran Perdana, Presint 4 62100 PUTRAJAYA	03-88915000	03-88913182
5	Penolong Setiausaha (Ukur) Kementerian Sumber Asli dan Alam Sekitar (NRE) Aras 7, Lot 4G3, Presint 4 Pusat Pentadbiran Kerajaan Persekutuan Putrajaya 62574 PUTRAJAYA	03-88861111	03-88892672

C	AGENSI-AGENSI LAIN (KADER)	NO. TEL.	NO. FAKS.
6	Penolong Setiausaha Majlis Keselamatan Negara (MKN) Jabatan Perdana Menteri Bahagian Keselamatan dan Kedaulatan Maritim Aras 2, Bangunan Perdana Putra Pusat Pentadbiran Kerajaan Persekutuan Putrajaya 62502 PUTRAJAYA	03-88726817	03-88883021
7	Ketua Pengarah Agensi Remote Sensing Malaysia (MRSMA) Kementerian Sains Teknologi dan Inovasi No. 13, Jalan Tun Ismail 50480 Kuala Lumpur	03-26973400	03-26973350
8	Ketua Setiausaha Kementerian Pertahanan (MINDEF) Bahagian Pengurusan Sumber Manusia Cawangan Khidmat Awam Tingkat 2, Wisma Pertahanan Jalan Padang Tembak 50634 KUALA LUMPUR	03-20715656	03-26917217
9	Ketua Pengarah Jabatan Mineral dan Geosains (JMG) Ibu Pejabat, Lantai 20, Bangunan Tabung Haji Jalan Tun Razak 50658 KUALA LUMPUR	03-21611033	03-21611036
10	Ketua Pengarah Jabatan Perhutanan Semenanjung Malaysia (JPSM) Seksyen Pentadbiran dan Kewangan Jalan Sultan Salahuddin 50650 KUALA LUMPUR	03-26164488	03-26925657

C	AGENSI-AGENSI LAIN (KADER)	NO. TEL.	NO. FAKS.
11	Ketua Pengarah Jabatan Laut Malaysia (JLM) Peti Surat 12, Jalan Limbungan 42007 Pelabuhan Kelang Selangor	03-33467777	03-31685289
12	Ketua Pengarah Jabatan Penerbangan Awam (DCA) Bahagian Khidmat Pengurusan Aras 1-4, Blok Podium No. 27, Persiaran Perdana Presint 4 Pusat Pentadbiran Kerajaan Persekutuan 62618 PUTRAJAYA	03-88714000	03-88901640
13	Setiausaha Suruhanjaya Pilihan Raya Malaysia (SPR) Bahagian Pengurusan Sumber Manusia Aras 4-5, Blok C, Kompleks C Pusat Pentadbiran Kerajaan Persekutuan 62502 PUTRAJAYA	03-88724802	03-88880743
14	Jabatan Laut Wilayah Sarawak (JLSWK) Kompleks Jabatan Laut Sarawak Lot 683, Seksyen 66, Jalan Utama, Tanah Puteh 93619 Kuching Sarawak	082-484335/159	082-331778

Pertanyaan

Untuk sebarang pertanyaan lanjut sila hubungi:

Urus Setia
Bahagian Perancangan dan Korporat
Jabatan Ukur dan Pemetaan Malaysia
Tingkat 13, Wisma JUPEM
Jalan Sultan Yahya Petra
50578 Kuala Lumpur
MALAYSIA
TEL : 03 - 26170800
FAKS : 03 - 26170990

Penafian

Semua maklumat adalah tepat pada masa cetakan.
Data dan maklumat yang terkandung dalam laporan ini
tidak boleh dijadikan sebagai bukti kepada apa jua bentuk tindakan perundangan

ANNUAL REPORT



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STATE BOUNDARIES

COURT CASE EXPERT WITNESS

MAP PUBLISHING

- Data Acquisition
- Database
- Topographic Map Updating
- Cartography
- Printing
- Utility Mapping
- Mapping Services

CADASTRAL SURVEY

- Land Titles Survey
- Checking of Licensed Land Surveyor (LLS) Survey
- Checking of Level I Strata Titles Survey
- Checking of Level II Strata Titles Survey
- CRM Control Points Establishment
- National Digital Cadastral Database (NDCDB) Updating

DEFENCE GEOSPATIAL DIVISION

- Maps and Data Publication for Defence and Security
- Defence Geospatial Services
- Web Services
- Defence Geospatial Service Assistance in the Field

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Media Highlights

inaugural session



GE SMART ASIA 2015 is the first of its kind in the region, showcasing the latest in smart infrastructure and digital technologies. The event is a platform for industry leaders to share insights and innovations in smart infrastructure and digital technologies.

Cabaran kerjaya juru ukur



DEMIKALILIAN JAWA
M...
PENGALAM
Sebagai juru ukur, juru ukur adalah salah satu profesion yang mempunyai cabar yang tersendiri. Juru ukur adalah salah satu profesion yang mempunyai cabar yang tersendiri. Juru ukur adalah salah satu profesion yang mempunyai cabar yang tersendiri.

Pesawat tanpa juruterbang RM4j

Jupem akan guna pesawat itu untuk ambil gambar bagi mengemaskini peta, jimat kos sewaan



KUALA TERENGGANU - Jabatan Ukur dan Pemetaan Malaysia (Jupem) membeli pesawat tanpa juruterbang bagi menjalankan projek Sistem Penawaran Data Geospasial di negara ini tahun ini. Ketua Pengarah Jupem, Ahmad Faizal Nordin berkata, pesawat tanpa juruterbang itu berharga RM400,000 dalam tempoh 15 hari pada setiap bulan. "Pesawat ini akan dibangunkan mengikut bilangan yang dirancang dan mampu terbang sejauh empat kilometer," katanya pada Majlis Misi Bantuan Kemajuan Persekitaran Jepun di Dewan Serbaguna Kelang Bancu Sempadan Jepun Chenderoh, di sini semalam.

Pemetaan sempadan Malaysia/Thailand selesai

12 NOVEMBER 2015

Like Tweet



Timbalan Menteri Sumber Asli dan Alam Sekitar, Datuk Hamzah Samuri (dua, kiri) bertanyakan sesuatu pagar sempadan yang memisahkan Malaysia dan Thailand ketika meninjau Projek Pemetaan dan Pemasangan Sempadan Malaysia-Thailand berhampiran pintu masuk ke Thailand melalui Padang Besar hari ini - F. Idris/mata

PADANG BESAR - Malaysia dan Thailand pada dasarnya telah mencapai persefahaman mengenai sen kedua-dua negara kecuali satu kawasan sepanjang 4.5 kilometer di Bukit Jeli, Tanah Merah, Kelantan.

Timbalan Menteri Sumber Asli dan Alam Sekitar, Datuk Hamzah Samuri berkata satu perjanjian persefahaman (MoU) mengenai keputusan pemetaan sempadan yang dijalankan bersama oleh kedua-dua negara saja telah ditandatangani.

Projek MAGIC jamin kedaulatan negara terhadap pulau di Malaysia

Share Like Comment



KUALA LUMPUR: Projek Magic Geospatial Infrastructure in Malaysian Waters (MAGIC) yang dibawakan sejak 2013 berjaya membantu pemetaan wilayah dan pemetaan zon abstrak di kawasan negara selain mengaktifkan beliau pemetaan kawasan.

Ketua Pengarah Jabatan Pemetaan dan Ukur Malaysia, Luperti, Datuk Ahmad Faizal Nordin, berkata projek MAGIC penting bagi menjamin hak negara terhadap pulau-pulau serta wadi di luar pesisir termasuk pulau-pulau yang terletak di kawasan berhampiran sempadan negara jiran.

MAGIC dengan kos RM4 juta membina pemetaan seperti monumen sebagai tanda kawasan hak milik negara serta sistem data Geospatial Information Reference System (GIRS) yang bersempadan mengemukakan data geospasial bagi tujuan pemetaan.

40 tahun jaga jam loceng

40 tahun menjaga jam loceng negara

18/NOV/2015 10:08



Event Highlights



“INTEGRITY IS NOT JUST AVOIDING CORRUPTION AND ABUSE OF POWER THAT INVOLVES MONETARY. INTEGRITY MUST ALSO BE TRANSLATED INTO TIME MANAGEMENT, IN PROVIDING THE BEST SERVICES, IN CONVEYING OF INFORMATION AND INTEGRITY IN COMMUNICATION WITH THE DEPARTMENT HEADS, COLLEAGUES AND CUSTOMERS.”



MESSAGE

DIRECTOR GENERAL OF SURVEY AND MAPPING MALAYSIA

Assalamualaikum Warahmatullahi Wabarakatuh,

Salam Sejahtera and Salam 1 Malaysia.

With all the highest gratitude to Allah SWT and His grace, the Department of Survey and Mapping Malaysia (JUPEM) had successfully published the 2015 Annual Report as planned. This Annual Report comprised documentation detailing JUPEM achievements through the year 2015 and as reference for JUPEM personnel and other parties concerned.

In general, the implementation of the Department's development and operational activities during the year 2015 had successfully been accomplished in line with the vision to make JUPEM renowned in survey and mapping services as well as geospatial data management and dissemination in meeting national needs. Nevertheless without doubt, year 2015 was very challenging for all of us. The year marked the end of the Tenth Malaysia Plan (RMKe-10) and also in preparation for the start of the Eleventh Malaysia Plan (RMKe-11). However, it is not an obstacle for JUPEM to continue to chart the achievements and success, whether at the ministerial, national or even international level. This is proven by JUPEM's success in maintaining the overall champion of INRE 2015 Innovation Day Award, champion for national level AKRAB Best Practices and Special Achievement in GIS (SAG Awards) by ESRI USA. Hopefully these successes become the inspiration and commitment to JUPEM personnel to persist the glory for years to come.

As known, JUPEM is a National Mapping Agency responsible for producing geospatial information that is accurate, current and meeting customer needs. For this purpose, JUPEM needs to keep in tandem with the latest technological developments to meet the growing customer demands for diversification of products and geospatial information availability services. To attain this, JUPEM needs to move forward by continuing the existing strategy, as well as undertaking some new approach through the implementation of RMKe-11 development projects. In addition, the Department also needs to undertake initiatives of smart partnerships with relevant government/private agencies through the National Blue Ocean Strategy to maximise the use of existing geospatial data sources by external users.

I wish every JUPEM personnel will continue to cooperate and work harder and to show high commitment, discipline and integrity apart from creating numerous innovations in JUPEM's core business. Make the arriving year as catalyst for us to continue the success and excellence to drive JUPEM forward. Let us prove JUPEM as a government agency that is relevant and respected in the national and international levels.

Finally, with deep reverence, I once again expressed the happiness and gratitude to Allah SWT for all our successes and achievements during the year 2015. I also call upon all JUPEM personnel to pursue excellence with a strong spirit to face any hurdle in year 2016. May Allah SWT simplify all our doings and responsibility and to bless us for our righteous efforts for JUPEM future.

"The best human is those who is beneficial to others" (Hadith riwayat Ath-Thabrani)

Thank you and best regards.



DATUK PROF. SR AHMAD FAUZI BIN NORDIN,
PMW, DPMT, DSAP, JSM, SMZ, KMN

CORPORATE PROFILE



DEPARTMENT'S TOP MANAGEMENT



1

DATUK PROF. SR AHMAD FAUZI BIN NORDIN
Director General of Survey and Mapping Malaysia

2

DATO' SR HASAN BIN JAMIL
Deputy Director General of Survey and Mapping I

3

DATO' SR MOHD NOOR BIN ISA
Deputy Director General of Survey and Mapping II



TOP MANAGEMENT PROFILE



**YBHG. DATUK PROF. SR AHMAD FAUZI
BIN NORDIN,
PMW, DPMT, DSAP, JSM, SMZ, KMN
Director General of Survey and Mapping Malaysia**

YBhg. Datuk Prof. Sr Ahmad Fauzi bin Nordin was appointed as the Director General of Survey and Mapping Malaysia on 10 April 2014.

He graduated with MSc in Geoinformatics from Universiti Teknologi Malaysia, Postgraduate Diploma in Geographical Information System (GIS) from ITC, Netherlands and Bachelor of Surveying (Land) from Universiti Teknologi Malaysia.

He has served as Kuala Kangsar District Surveyor, Assistant Director of Topographic Survey (Northern Region), Deputy Director of Survey Kedah/Perlis, Assistant Director of Cadastral Survey (Land Planning), Deputy Director of Survey (Special Unit) Pahang, Deputy Director of Survey Perak, Director of Topographic Survey Sarawak, Deputy Director of Topographic Survey I Peninsular, Director of Survey F.T. Kuala Lumpur, Principal Assistant Director of Survey (Land Titles), Director of Survey Selangor, Director of Survey (Geodetic Division), and Director of Survey (Cadastre Division). He was appointed as the Director of Survey (Mapping Division) and later as the Deputy Director General of Survey and Mapping Malaysia I on 17 June 2009. On 10 April 2014 he was appointed as Director General of Survey and Mapping Malaysia.

He is also a Fellow of the Royal Institution of Surveyors Malaysia (RISM), RISM President for the 2011/2012 session, Chairman Malaysian Building Industry Presidents Council (BIPC) for the 2011/2012 session, Chairman of the Land Surveyors Board Malaysia (LSB) and a Registered Land Surveyor.

**YBHG. DATO' SR HASAN BIN JAMIL,
DIMP, JMW, AMN**

Deputy Director General of Survey and Mapping I

YBhg. Dato' Sr Hasan bin Jamil was appointed as Deputy Director General of Survey and Mapping I on 10 April 2014.

He holds a MSc in Geographical Information System (GIS) from the University of Edinburgh, United Kingdom and a Bachelor of Surveying (Land) from Universiti Teknologi Malaysia.

He has served as Surveyor in the Terengganu Survey Department, Assistant Director of Survey Kelantan, Southern Kelantan District Surveyor Machang, Assistant Director of Topographic Survey Sabah, Director of Topographic Survey Sabah, Assistant Director of Cadastral Survey, Director of Survey Pulau Pinang, Director of Survey Selangor, Director of Survey (Geodetic Division), Director of Survey (Boundary Affairs Section), Director of Survey and Mapping F.T. Kuala Lumpur/Putrajaya, and Director of Survey (Mapping Division). He was appointed as Deputy Director General of Survey and Mapping II on 16 November 2010 and later as Deputy Director General of Survey and Mapping I.

He is also the President of the Royal Institution of Surveyors Malaysia (RISM) for 2014/2015 session, Deputy Chairman of the Land Surveyors Board Malaysia (LSB) and a Registered Land Surveyor.





**YBHG. DATO' SR MOHD NOOR BIN ISA,
DIMP, SMP**
Deputy Director General of Survey and Mapping II

YBhg. Dato' Sr Mohd Noor bin Isa was appointed as Deputy Director General of Survey and Mapping II on 6 May 2014.

He holds a Bachelor of Surveying (Land) from Universiti Teknologi Malaysia. He has served as Trainee Surveyor (Perak Survey Department), District Surveyor for Northern Perak, District Surveyor for Western Pahang, Surveyor (Special Unit Secretariat), Assistant Director of Survey (Coordination and Development), Principal Assistant Director of Survey (Training), and Principal Assistant Director of Survey (Coordination and Development).

He has also served as Director of Survey (Planning, Research, and Development), Director of Survey and Mapping Pahang, Director of Topographic Survey Sabah, and Director of Survey (Mapping Division).

He is also the Chairman of the Geomatics and Land Surveying Division (GLS), Royal Institution of Surveyors Malaysia (RISM) for the 2014/2015 session and a Registered Land Surveyor.

DEPARTMENT'S MANAGEMENT TEAM



1

2

3

4

- 1. BRIGEDIER JENERAL HAJI AHMAD NASIR** Director (Defence Geospatial Division)
BIN HAJI ABD RAHMAN
(Starting 18 February 2015)
BRIGEDIER JENERAL HAJI ABU SUFIAN
BIN HAJI AHMAD
(Until 17 February 2015)
- 2. NIK YUSAIMI BIN YUSSOF** Director (Management Services Division)
(Starting 23 April 2015)
HAJI ABDUL HAMID BIN HASAN
(Until 22 April 2015)
- 3. ZARIFAH BINTI ZULGHAFAR** Legal Advisor
- 4. TRIVEINEI A/P SUNDARAM** Integrity Unit Head



SR TAN AH BAH
Director of Survey
(Boundary Affairs Division)

**SR HAJI MOHAMAD KAMALI
BIN ADIMIN**
Director of Survey
(Coordinating and Mapping Policy Division)

SR DR. AZHARI BIN MOHAMED
Director of Survey
(Geodetic Survey Division)



SR DR. TENG CHEE HUA
Director of Survey
(Cadastral Division)

**YBHG. DATO' SR HAJI MOHAMMAD YUNUS BIN
MD YUSOF**
Director of Survey and Mapping
Pahang

SR AHAMAD BIN ZAKARIA
Director of Survey and Mapping
Selangor



SR JOHN ELVIS KOH
Director of Survey and Mapping
Perak

SR HAJI RAMLI BIN NOR
(starting 22 June 2015)
SR HAJI ALI BIN AHMAD
(until 21 June 2015)
Director of Survey and Mapping
Johor

SR NG ENG GUAN
Director of Survey and Mapping
Kedah



SR MOHD LATIF BIN ZAINAL
(starting 1 December 2015)
YBHG. DATO' SR ABDUL AZIZ BIN HAJI
JANTAN
(until 30 November 2015)
Director of Survey
(Peninsular Topography Mapping Division)

SR DR. MOHD YUNUS BIN MOHD YUSOFF
Director of Survey
(Utility Mapping Division)

SR WAN MOHAMAD DARANI BIN AB. RAHMAN
(starting 29 June 2015)
SR HAJI RAMLI BIN NOR
(until 21 June 2015)
Director of Survey
(Planning and Corporate Division)



HAJI ZAHARI BIN ZAMLOPE
(starting 1 December 2015)
SR MOHD LATIF BIN ZAINAL
(until 30 November 2015)
Director of Survey
(National Geospatial Database Division)

RAHIM BIN HAJI MOHAMAD SALEH
(starting 1 December 2015)
HAJI ZAHARI BIN ZAMLOPE
(until 30 November 2015)
Director of Survey
(Sarawak Topography Mapping Division)

SR MOHAMMAD ZAKI BIN MOHD GHAZALI
Director of Survey
(Sabah Topography Mapping Division)



MD. ZAKI BIN AD. WAHID
Director of Survey and Mapping
F.T. Kuala Lumpur/Putrajaya



SR JASNI BIN A. RAHMAN
Director of Survey and Mapping
Negeri Sembilan



SR ZOHER BIN NOMANBHOY
(starting 29 June 2015)
SR WAN MOHAMAD DARANI BIN AB. RAHMAN
(until 28 June 2015)
Director of Survey
(Cartography and GIS Division)



SR HAMDAN BIN AB. AZIZ
Director of Survey and Mapping
Terengganu

SR WAN ZAINUDDIN BIN WAN YUSUFF
Director of Survey and Mapping
Kelantan

SR AHMAD AZMAN BIN GHAZALI
Director of Survey and Mapping
Pulau Pinang



AHMAD TARMIZI BIN BASTANI
Director of Survey and Mapping
Melaka

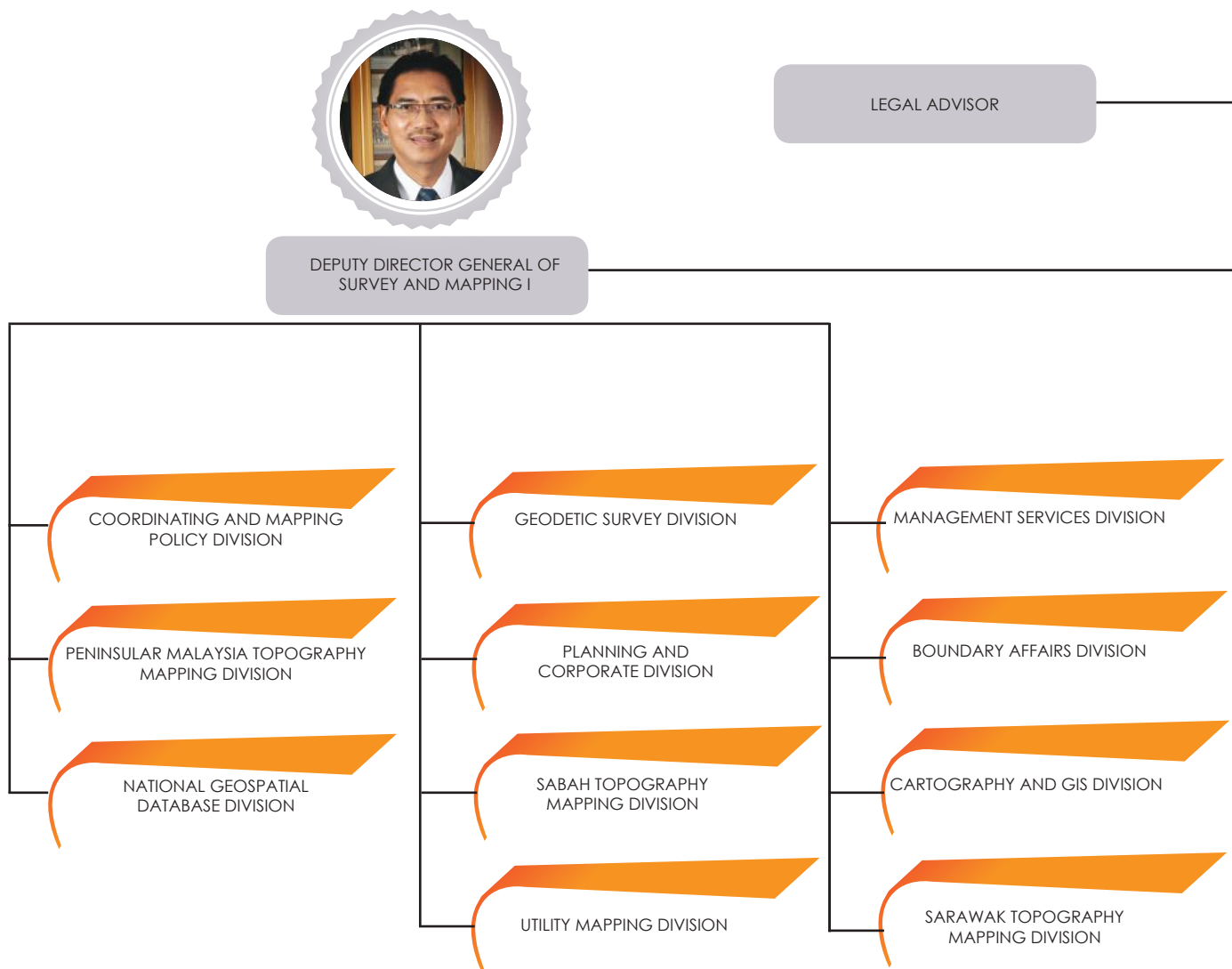


SR HAJI CHE SULAIMAN BIN MAT YUNUS
Director of Survey and Mapping
Perlis



SHAFFRI BIN BAUDI
(Starting 1 Disember 2015)
SUHAIMI BIN AHMAD
(Until 30 November 2015)
Director of Survey and Mapping
F.T. Labuan

DEPARTMENT'S ORGANISATION CHART





DIRECTOR GENERAL OF SURVEY AND MAPPING MALAYSIA

INTEGRITY UNIT



DEPUTY DIRECTOR GENERAL OF SURVEY AND MAPPING II

DEFENCE GEOSPATIAL DIVISION

CADASTRE DIVISION

JUPEM PERAK

JUPEM JOHOR

JUPEM SELANGOR

JUPEM PAHANG

JUPEM KEDAH

JUPEM F. T. KUALA LUMPUR / PUTRAJAYA

JUPEM NEGERI SEMBILAN

JUPEM PULAU PINANG

JUPEM KELANTAN

JUPEM TERENGGANU

JUPEM MELAKA

JUPEM PERLIS

JUPEM F. T. LABUAN

Note: JUPEM has various Cadre Posts at the Department of Civil Aviation, Public Works Department, Malaysian Centre for Geospatial Data Infrastructure, Ministry of Urban Wellbeing, Housing and Local Government, Ministry of Natural Resources and Environment, National Institute of Land and Survey, National Security Council, Elections Commission, Ministry of Defence, Peninsular Malaysia Forestry Department, Department of Mineral and Geoscience, Malaysian Remote Sensing Agency, Marine Department Peninsular Malaysia, Marine Department Sarawak, Department of Director General of Lands and Mines and Department of Irrigation and Drainage.

Vision

Making JUPEM eminent in the provision of survey, mapping and geospatial services and management in order to meet the nation's aspiration.

Motto

The catalyst for national development and citizen's prosperity

Mision

Providing quality survey, mapping and geospatial services and management through the best systems, competent workforce and conducive work environment.

Objective

- Ensure that the cadastral survey and mapping products and services meet the quality system as well as the needs of the customers.
- Ensure the establishment and maintenance of high quality and updated Cadastral Survey and Mapping Database to meet the needs of the national geospatial data infrastructure.
- Making JUPEM as a centre of excellence and reference in the field of cadastral survey, mapping, geodetic, underground utility mapping and geospatial information.
- Ensure the determination, demarcation and surveying of state and international boundaries meet the needs of the state administration as well as safeguards the nation's sovereignty.
- Ensure quality and integrated geospatial defence services in supporting of defence infrastructure and national security.

Function

- Advising the government in the field of cadastral survey, mapping and geospatial as well as the state and international boundaries.
- Providing complete and conclusive cadastral survey information for the purpose of issuing land titles, strata and stratum.
- Managing the cadastral survey and mapping database efficiently.
- Publishing topographic, cadastral, thematic, and underground utility maps for planning, natural resources management, environmental conservation, development, monitoring, and security purposes.
- Providing geodetic infrastructure for cadastral surveying, mapping, engineering and scientific research.
- Providing a comprehensive and integrated geospatial defence services for the purpose of defence and security.
- Publishing astronomical and astronomy products which include qiblah direction tables, prayers time, *rukayah hilal* data, *hijra* calendar and eclipse information and syariah astronomical almanac.

CLIENT'S CHARTER

- Completing the cadastral survey work up to the preparation of the Certified Plan within a period not exceeding 60 days from the date of receipt of a complete and orderly Requisition of Survey.
- Ensuring that the verification of the work performed by Licensed Land Surveyors (LLS) be completed within 60 days from the date of submission of a complete and orderly document.
- Processing of Strata Plan within 30 days and Certified Strata Plan within 50 days from the date of receipt of a complete and orderly application.
- Ensuring that lot numbers are issued within a period not exceeding 7 days from the date of receipt of a complete and orderly application from Licensed Land Surveyors.
- Preparing and providing survey data for the preparation of land title documents to the Land Office / Office of the Director of Lands and Mines within 7 days from the receipt of a complete and orderly application.
- Ensuring that classified geospatial documents are supplied within 2 days from the receipt of security clearance.
- Ensuring that MyRTKnet post-processed data can be managed and supplied within 4 hours.
- Ensuring that any application to purchase unrestricted geomatics information can be managed and supplied within 1 day.
- Ensuring that any coordinate transformation, coordinate conversion, map projection, and geoid interpolation service application can be managed and supplied within 1 day.
- Ensuring that all application services/purchase of each copy of the survey/non-restricted map data at the JUPEM counter can be managed within 1 hour.
- Ensuring that survey data can be accessed and obtained through e-commerce at any time.
- Making payments of bills and invoices not exceeding 14 days from the date of receipt of completed applications.





code of ETHICS

- Trustworthy and honest in the discharge of duties and responsibilities without abusing power and position.
- Always patient, calm and steadfast in all situation.
- Truthful, transparent and sincere in carrying out any duties.
- Disciplined and with high integrity.
- Confident, accurate, fair and consistent in decision-making.
- Always practice the characteristics of creativity, innovativeness, motivation, competitiveness and accountability.
- Foster a spirit of cooperation, goodwill, and affection at all levels.
- Proud to be a denizen of JUPEM and always striving to promote the dignity and image of the department.
- Provide efficient and quality services.
- Strive to ensure that the department's products are of quality and fulfils customer requirements.
- Vigilant in the handling of confidential information without exposing national secrets to parties unauthorised to receive it.



LOGO definition

- JUPEM's logo design consists of three basic form of dots, circle and orbit line. These dots are separated by the orbit line that reflects JUPEM's two main activities, which are the cadastral survey and mapping survey activities.
- The orange colour signifies joy, glory and JUPEM's sensitivity to customer's need and acknowledges the existence and importance of JUPEM to the nation and community.
- The green colour is the official colour of the department and has been chosen to reflect JUPEM is always caring and giving serious attention to the aspects of nature in the preservation of a healthy environment.
- The dots appearance gives an indication that JUPEM is using electronic technology, networking system to enhance its survey, and mapping information.
- The orbit line is emphasising the importance of communication, information dissemination and networking.

In general, JUPEM's logo displayed as more energetic, dynamic, progressive and able to compete universal challenges, especially in the provision of survey and mapping infrastructure to support the National Development Policy.

DEPARTMENT'S SONG

JUPEM MAJU DAN JAYA

Positif Penuh Beretika
Realistik Kita Menuju Satu Wawasan
Perkhidmatan Cepak dan Berkesan
Kecemerlangan Dijanjikan

Kualiti Teras Perkhidmatan
Jabatan Ukur dan Pemetaan Malaysia
Kemuafakatan Prihatin dan Peka
Iltizam Mulia Visi Jaya

Pengukuran dan Pemetaan
Tugas Diamanahkan
Adil Saksama dan Layanan Mesra
Jadi Amalan

JUPEM Warga Penuh Setia
Menabur Bakti Budi dan Jasa
Menyumbang Pembangunan Negara
Terus Berjaya

JUPEM

CORPORATE GOVERNANCE



HUMAN RESOURCE MANAGEMENT

Personnel

The Department of Survey and Mapping Malaysia (JUPEM) had restructured its organisation based on Zero-Based and was approved through Establishment Warrant No. E.128 of Year 2013 effectively from 1 October 2013. In accordance to the warrant, a total of 4996 posts had been approved.

Through the Establishment Warrant No. E.63 of Year 2014 with effect from 15 January 2014, the Ministry of Finance had endorsed the Zero-Based posts changes for the accomplishment of 27 services' circulars with enhancement for 81 services' schemes of Year 2013 in JUPEM, NRE. Services' schemes enhancement in JUPEM are for Assistant Surveyor, Skilled Assistant, General Assistant and Operational Assistant. The number of posts approved in this warrant were 4886 posts. The number had dropped to 4884 posts due to the abolishment of two (2) *Jawatan Sementara akibat Penambahbaikan Skim (JSPS) jumud* (obsolete) posts following the retirement of the incumbents namely the Grade KP11 (KUP) Security Guard and the Grade N17/N22 (KUP) Administrative Assistant (Clerical/Operational) through the Establishment Warrant No. E.92 of Year 2014 which was endorsed by the Ministry of Finance on 17 November 2014.

In 2015, a total of 163 vacant posts in JUPEM with various positions and grades had been put into a group post under the Ministry of Natural Resources and Environment (NRE) consequent to the execution of human resources optimal used initiated by Public Service Department (JPA) in June 2015.

JUPEM has restructured some Divisions in its Headquarters to consolidate the functions of the Department in particular and the Government in general with the redeployment of one (1) Grade J54 Surveyor post, one (1) J52 posts and two (2) J48 posts which had been approved by the Ministry of Finance on 30 July 2015 through the Establishment Warrant No. E.81 of Year 2015 with effect from 1 September 2015. The details are as follows:

No.	POST/GRADE	FROM	TO
1.	Surveyor Grade J54	Cadastre Division	Boundary Affairs Division
2.	Surveyor Grade J52	Boundary Affairs Division	Cadastre Division
3.	Surveyor Grade J48	National Geospatial Database Division Two (2) Grade J52 Surveyor positions in BPDGN are made flexi to J48/J52	Peninsular Malaysia Topography Mapping Division

JUPEM's Headquarters Management Services Division (BKP) consolidation proposal was approved by the Ministry of Finance on 25 November 2015 through Establishment Warrant No. E.125 of Year 2015 effective from 1 December 2015 with trade-off (abolition) method for 22 posts. This consolidation involved an increase of 32 common-user posts with two (2) posts being upgraded to a higher grade. The overall number of posts following the BKP's consolidation still retains as 4884.

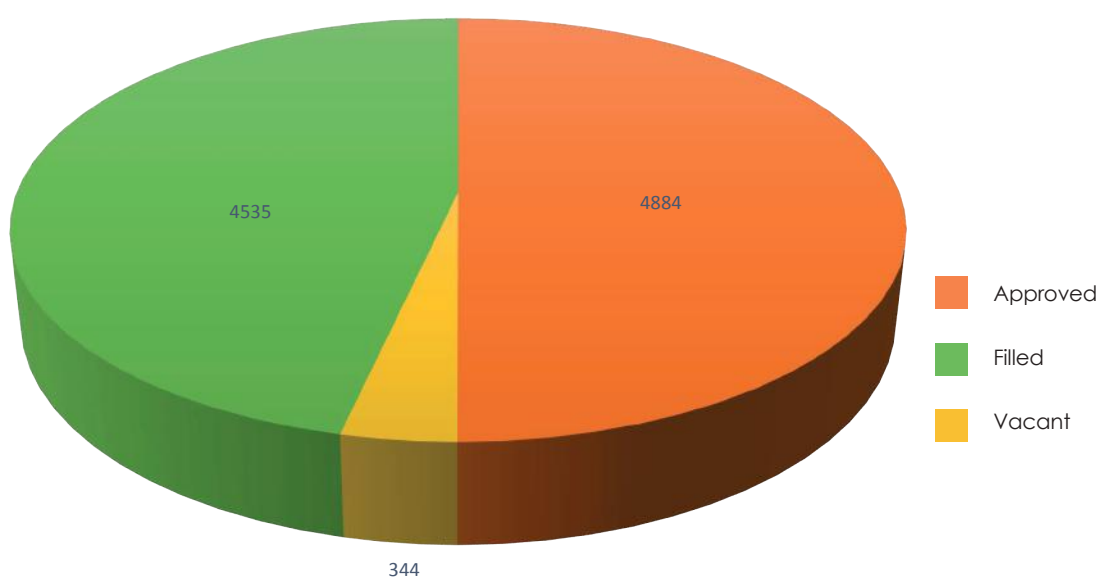
Until 31 December 2015, JUPEM has 4884 posts. From the total, 4534 posts are filled inclusive of the Premier Grade, Management and Professional Group and the Implementer Group.

GROUP	GRADE	APPROVED	FILLED	VACANT	BANKED
PREMIER GRADE	JUSA A, B, C	11	11	0	0
MANAGEMENT AND PROFESSIONAL	54	19	19	0	0
	48-52	72	70	2	0
	41-44	213	208	5	0
IMPLEMENTER	17-38	2,204	2,086	113 (*5 posts abolish)	55
	1-16	2,365	2141 (*1 post extra)	225	108
	TOTAL	4884	4535	344 (*5 posts abolished and 1 post extra)	163

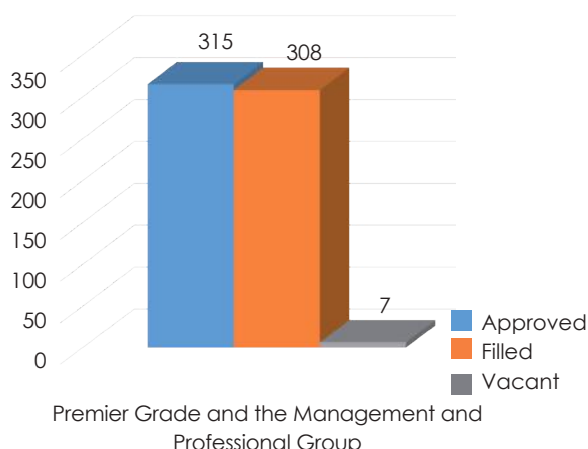
* Five (5) posts abolished due to the incumbents in the Administrative Assistant (Clerical/Operational) Grade N17 Special to Holder (obsolete post) had filled the substantive post for Administrative Assistant (Clerical/Operational) Grade N17.

** One (1) extra post due to the upgrading of Security Guard from Grade KP11 to Grade KP14 in JUPEM Headquarters Management Services Division with the ratio of Security Guards from 3 KP14 : 23 KP11 to 4 KP14 : 22 KP11 through the Establishment Warrant No. E.125/2015 effectively from 1 December 2015.

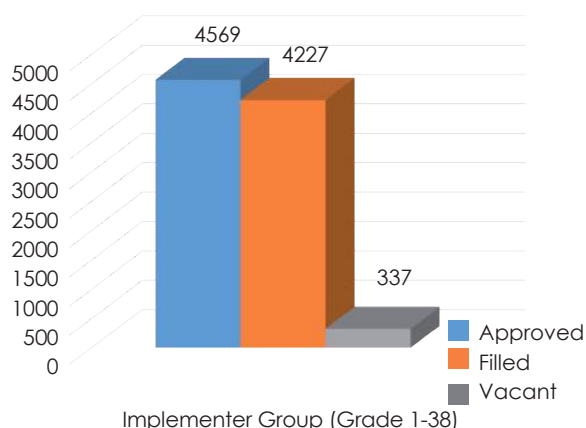
Distribution of Posts for Year 2015



Distribution of Posts Filled for Premier Grade and the Management and Professional Group



Distribution of Posts Filled for Implementer Group



Cadre Staffing

JUPEM has 185 cadre posts in various government agencies positioned in the Ministry of Natural Resources and Environment (NRE), Malaysian Centre for Geospatial Data Infrastructure (MaCGDI), Public Works Department (JKR), National Institute of Land and Survey (INSTUN), Ministry of Urban Wellbeing, Housing and Local Government (KPKT), National Security Council (MKN), Election Commission (SPR), Department of Mineral and Geoscience (JMG), Peninsular Malaysia Forestry Department (JPSM), Marine Department Peninsular Malaysia (JLM), Marine Department Sarawak (JLSWK), Department of Civil Aviation (DCA), Malaysian Remote Sensing Agency (MRSA), Ministry of Defence (MINDEF), Department of Director General of Land and Mines (JKPTG) and Department of Irrigation and Drainage (JPS).

The number of JUPEM cadre posts in various government agencies are as follows:

NO.	DEPARTMENT	APPROVED	FILLED	VACANT
1	Ministry of Natural Resources and Environment (NRE)	1	1	0
2	Malaysian Centre for Geospatial Data Infrastructure (MaCGDI)	35	31	4 (1 banked)
3	Public Works Department (JKR)	22	20	2
4	National Institute of Land and Survey (INSTUN)	29	27	2
5	Ministry of Urban Wellbeing, Housing and Local Government (KPKT)	20	20	0
6	National Security Council (MKN)	4	3	1
7	Election Commission (SPR)	1	1	0
8	Department of Mineral and Geoscience (JMG)	38	37	1
9	Peninsular Malaysia Forestry Department (JPSM)	5	4	1
10	Marine Department Peninsular Malaysia (JLM)	2	1	1
11	Marine Department Sarawak (JLSWK)	11	9	2
12	Department of Civil Aviation (DCA)	2	2	0
13	Malaysian Remote Sensing Agency (MRSA)	10	6	4
14	Ministry of Defence (MINDEF)	3	3	0
15	Department of Director General of Land and Mines (JKPTG)	1	0	1
16	Department of Irrigation and Drainage (JPS)	1	0	1

	TOTAL	185	165	20 (1 banked)
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The detail distribution of cadre posts according to groups is as follows:

NO.	POST (MANAGEMENT AND PROFESSIONAL)	GRADE	APPROVED	FILLED	VACANT
1	Surveyor	J54	1	1	0
2	Surveyor	J52	3	3	0
3	Surveyor	J48	10	10	0
4	Surveyor	J44	12	12	0
5	Surveyor	J41	25	21	4
6	Geospatialist	J44	2	1	1
7	Geospatialist	J41/J44	7	7	0
8	Surveyor/ Geospatialist	J41/J44	4	4	0
TOTAL			64	59	5

NO.	POST (IMPLEMENTER)	GRADE	APPROVED	FILLED	VACANT
1	Assistant Surveyor	JA38	2	1	1
2	Assistant Surveyor	JA36	9	5	4
3	Assistant Surveyor	JA29/JA36	106	97	9
4	Assistant Surveyor (KUP)	JA29	4	3	1
TOTAL			121	106	15

Promotion

Acting/promotion exercise throughout year 2015 involved 360 staff comprising 10 from the Premier Grade, 114 from the Management and Professional Group and 236 from the Implementer Group.

Premier Grade and Management and Professional Group

SCHEME OF SERVICE	PROMOTION / ACTING TO GRADE	PROMOTION	ACTING	TOTAL
Surveyor Premier Grade B	Premier Grade A	1	0	1
Surveyor Premier Grade C	Premier Grade B	2	0	2
Surveyor Grade J54	Premier Grade C	1	6	7
Surveyor Grade J52	J54	7	2	9
Surveyor Grade J48	J52	23	2	25
Surveyor Grade J44	J48	9	6	15
Surveyor Grade J41	J44	25	40	65

TOTAL		68	56	124
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Implementer Group

SCHEME OF SERVICE	PROMOTION / ACTING TO GRADE	PROMOTION	ACTING	TOTAL
Assistant Surveyor, JA36	JA38	48	0	48
Assistant Surveyor, JA29	JA36	158	0	158
Assistant Surveyor, JA29 (TBBK)	JA36	3	0	3
Administrative Officer Assistant, N27	N32	1	2	3
Administrative Assistant (Finance), W17	W22	3	0	3
Administrative Assistant (Clerical/Operational), N17 (TBBK)	N22	6	0	6
Administrative Assistant (Clerical/Operational), N17	N22	2	0	2
General Worker, R1 (KUP)	R4 (TBBK)	13	0	13
TOTAL		234	2	236

*TBBK : Time Base Berasaskan Kecemerlangan

*KUP : Special to Holder/Khas Untuk Penyandang

Retirement

Throughout year 2015, a total of 149 staff of various grades had retired covering compulsory retirement, optional retirement and died in service. The details are as shown in the table below:

Compulsory Retirement

NO.	POST/GRADE	TOTAL
1	Surveyor Premier Grade C	1
2	Surveyor J54	1
3	Administrative and Diplomatic Officer M54	1
4	Surveyor J52	1
5	Surveyor J48	1
6	Geospatialist J44	1
7	Surveyor J41	1
8	Assistant Surveyor JA38	3
9	Assistant Surveyor JA36	7
10	Assistant Surveyor JA29	19
11	Administrative Assistant (Finance) W22	1
12	Administrative Assistant (Clerical/Operational) N17	1
13	General Assistant H14	2
14	General Assistant H11	26
15	Operational Assistant N11	2

16	Driver H11	4
	TOTAL	72

Optional Retirement

NO.	POST/GRADE	TOTAL
1	Surveyor J52	1
2	Surveyor J48	3
3	Surveyor J44	2
4	Geospatialist J44	1
5	Surveyor J41	1
6	Assistant Surveyor JA38	4
7	Assistant Surveyor JA36	4
8	Assistant Surveyor JA29	24
9	Administrative Officer Assistant N32	1
10	Administrative Assistant (Clerical/Operational) N22	2
11	General Assistant H17	2
12	General Assistant S17	2
13	General Assistant H11	17
14	Driver H11	4
15	Operational Assistant N11	1
16	Security Guard KP11	1
	TOTAL	70

Died in Service

NO.	NAME	POST/GRADE	STATE / SECTION
1	Zainal Abidin bin Abd Majid	Surveyor J44	JUPEM Perlis
2	Qamaruzzaman bin Sukelan	Information Technology Officer Assistant F29	Planning and Corporate Division
3	Salleh bin Mamat	Assistant Surveyor JA29	JUPEM Kedah
4	Rosfazilah binti Bidin	Assistant Surveyor JA29	Cartography and GIS Division
5	Muhamad Asyraf bin Abdu Mokfi	Administrative Assistant (Clerical/Operational) N17	Management Services Division
6	Muhamad Shukor bin Abdullah	General Assistant H14	JUPEM Johor
7	Hamid bin Mohd Amin	General Assistant H11	JUPEM Terengganu

Disciplinary Action

The department Disciplinary Action Management is an operating procedure meant to control the discipline of JUPEM staff that involves warnings, fines, forfeiture of emoluments, deferment of salary movement, reduction of salary, demotion and dismissal. The department is always cognizant of the misconduct committed by the staff, and take appropriate action based on the Public Officers Regulations 1993 (Conduct and Discipline).

In the year 2015, 14 disciplinary cases were reported and as many as nine cases were resolved. Meanwhile, a total of five cases were still pending with four cases in the Support Group Disciplinary Board (No. 2) and one case in the Support Group Disciplinary Board (No. 1).

The following is the type of offences and case status throughout year 2015:

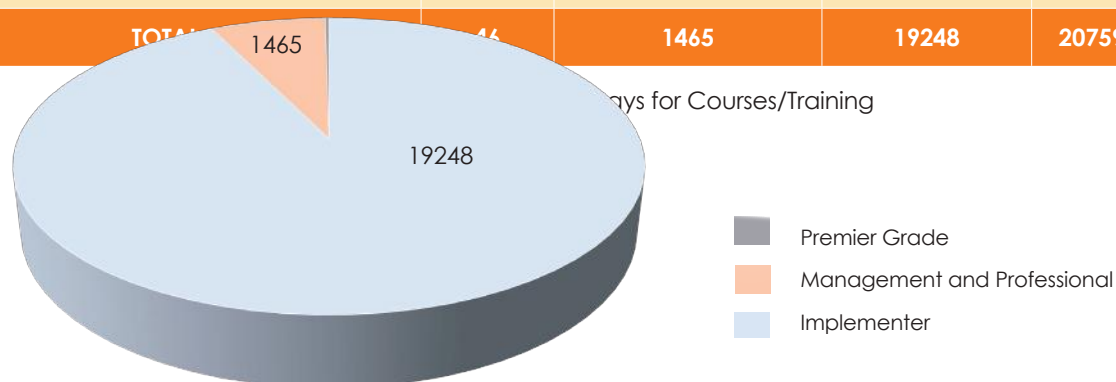
TYPE/Form OF OFFENCE	SETTLED CASES		CASES STILL IN ACTION	
	MANAGEMENT AND PROFESSIONAL GROUP	IMPLEMENTER GROUP	MANAGEMENT AND PROFESSIONAL GROUP	IMPLEMENTER GROUP
Absent from work	0	7	0	3
Court case	0	2	0	2
Absent from work and could not be traced	0	0	0	0
Surcharge	0	0	0	0
TOTAL	0	9	0	5

COURSES AND TRAINING

Continuous training is being implemented to improve the skills and knowledge of JUPEM's staff. Many opportunities were provided to staff for training, be it at the academic level or in-service training that focuses on the enhancement of skills in line with the department's modernisation and rapid-changing environment. Through this method, JUPEM is able to produce human capital with expertise and competence to ensure the sustainability of delivery and service systems to customers.

Numbers of Man-Days for Courses/Training for the Year 2015

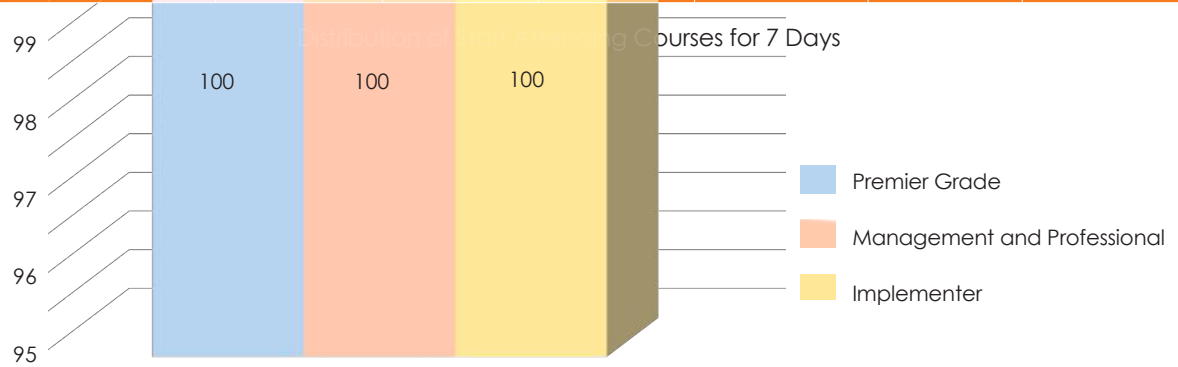
NO.	COURSE FIELD	NUMBER OF DAYS			TOTAL
		PREMIER GRADE	MANAGEMENT & PROFESSIONAL	IMPLEMENTER	
1	Mind Transformation Programme (Compulsory Course)	0	4	24	28
2	Survey and Mapping Management	12	524	3706	4238
3	Human Resources Management	12	514	8702	9228
4	Financial Management	12	62	520	594
5	Quality and Productivity		142	1511	1654
6	Information Technology and Communication (ICT)	0	61	737	798
7	Self Development	9	145	3882	4036
8	Language and Communication	0	13	170	183
TOTAL		44	1465	19248	20759



Number of Staff Attending Courses for 7 Days

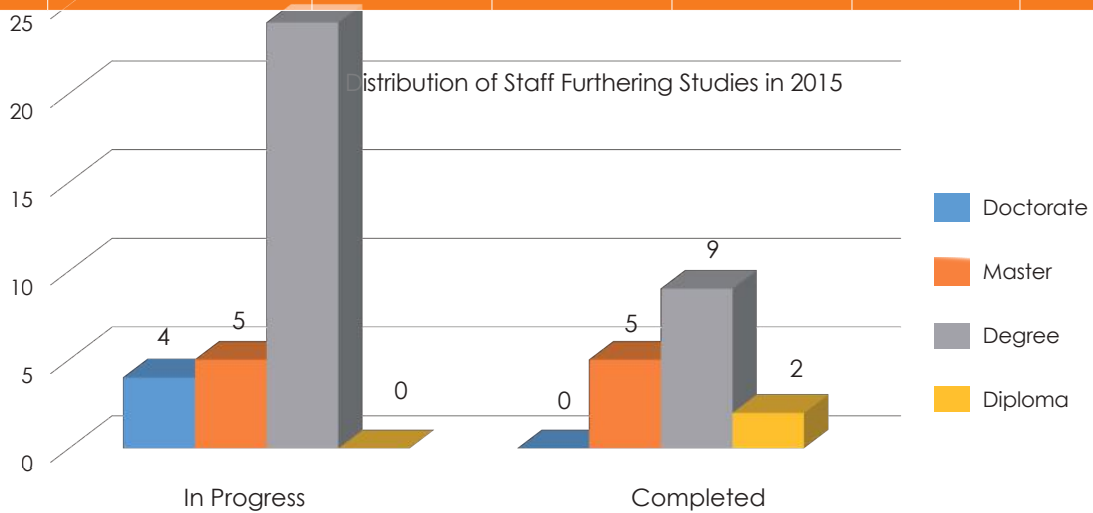
NO.	GRADE / GROUP	NUMBER OF POSTS	NUMBER OF POSTS FILLED	SHORT COURSES			NUMBER OF STAFF ATTENDING LONG COURSES > 3 MONTHS
				NUMBER OF STAFF ATTENDING > 7 DAYS A YEAR	NUMBER OF STAFF ATTENDING < 7 DAYS A YEAR	NUMBER OF STAFF NOT ATTENDING COURSES	
1	Premier Grade	11	11	11	0	0	0

2	Management & Professional	304	286	282	0	0	4
3	Implementer	4569	4211	4209	0	0	2
100	TOTAL	4884	4508	4502	0	0	6



Number of Staff Furthering Studies in 2015

NO.	ACADEMIC LEVEL	IN PROGRESS		COMPLETED		TOTAL
		Part Time	Full Time	Part Time	Full Time	
1	Doctorate	4	0	0	0	4
2	Master	4	1	5	0	10
3	Degree	1	23	0	9	33
4	Diploma	0	0	2	0	2
	TOTAL	24	24	7	9	49



JUPEM GEOPORTAL WEBSITE

JUPEM website www.jupem.gov.my or JUPEM Geoportal is being constantly updated from time to time and is an important medium that connects JUPEM with its customers. The JUPEM Geoportal is a step forward in ensuring that JUPEM's corporate governance is more efficient and consistently meeting customer's requirements. Through the portal, JUPEM can fulfil the customers needs and the Government's aspirations in empowering ICT by providing various centralised geospatial information for the purpose of online management and dissemination of information, realising the concept of e-Government, performing transaction through e-Commerce, and providing online backup facility.

Product	Number of Online Transactions 2015												Total
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	
Mapping	2	0	2	0	0	0	0	0	1	1	0	0	6
Cadastre	5488	3942	5751	5988	4991	5195	4179	5455	4863	6525	5892	5581	63850
Geodesy	242	194	290	234	246	236	191	266	220	241	320	264	2944
TOTAL	5732	4136	6043	6222	5237	5431	4370	5721	5084	6767	6212	5845	66800



JUPEM GEOPORTAL WEBSITE
GEOPORTAL



FACEBOOK



TWITTER

FEDERAL AND STATE HONORARY AWARDS RECIPIENTS

NO.	OFFICER NAME	POST / GRADE	DIVISION / JUPEM STATE	AWARD RECEIVED
1	Datuk Prof. Sr Ahmad Fauzi bin Nordin	Surveyor / Premier Grade A	Director General of Survey and Mapping Malaysia	Darjah Panglima Mahkota Wilayah (P.M.W) Darjah Sultan Ahmad Shah Pahang (D.S.A.P) Darjah Dato' Paduka Mahkota Terengganu (D.P.M.T)
2	Dato' Sr Hasan bin Jamil	Surveyor / Premier Grade B	Deputy Director General of Survey and Mapping I	Darjah Indera Mahkota Pahang (D.I.M.P)
3	Dato' Sr Abdul Aziz bin Haji Jantan	Surveyor / J54	Director of Survey (Peninsular Topography Mapping Division)	Darjah Indera Mahkota Pahang (D.I.M.P)
4	Sr Jasni bin A. Rahman	Surveyor / J54	Negeri Sembilan	Kesatria Mangku Negara (K.M.N)
5	Sr Ahmad Azman bin Ghazali	Surveyor / J54	Pulau Pinang	Bintang Cemerlang Negeri (B.C.N)
6	Sr Nor Azri Juhari bin Ahmad	Assistant Director / J41	Pulau Pinang	Pingat Jasa Kebaktian (P.J.K)
7	Hasnan bin Arshad	Assistant Surveyor / JA36	Pulau Pinang	Pingat Jasa Kebaktian (P.J.K)
8	Izham bin Hamid	Assistant Surveyor / JA36	Pulau Pinang	Pingat Jasa Kebaktian (P.J.K)
9	Aminah binti Ghani	Assistant Surveyor / JA29	Kelantan	Pingat Setia Mahkota (P.S)
10	Jagathisvarna a/l Jaganathan	Assistant Surveyor / JA29	Pulau Pinang	Pingat Jasa Kebaktian (P.J.K)
11	Azman bin Daud	Driver / H11	Pulau Pinang	Pingat Jasa Kebaktian (P.J.K)

12	Tuan Haji Halmi bin Othman	General Assistant / H11	Pulau Pinang	Pingat Jasa Kebaktian (P.J.K)
13	Mohtar bin Mahmud	General Assistant / H11	Pulau Pinang	Pingat Jasa Kebaktian (P.J.K)
14	Inchek Hushin bin Din	General Assistant / N11	Pulau Pinang	Pingat Jasa Kebaktian (P.J.K)

PERFORMANCE REPORT



GEODETIC INFRASTRUCTURE

GNSS NETWORK CONTROL AND MEASURE

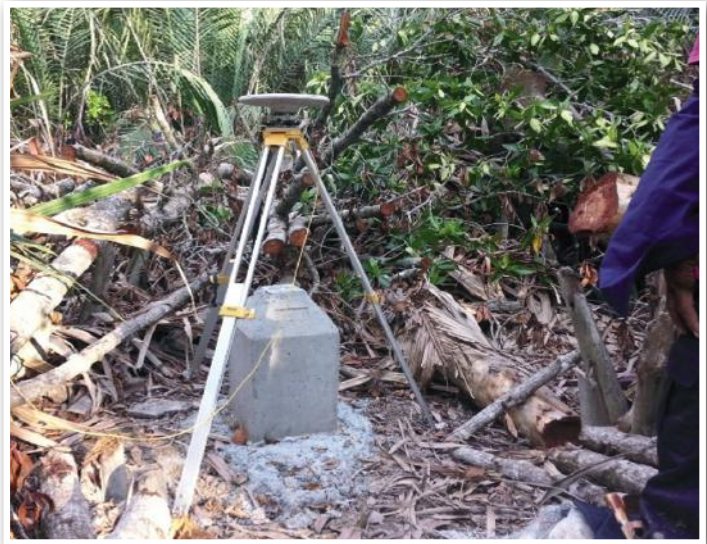
The measurement method using Global Satellite Navigation System (GNSS) is an efficient, effective and up-to-date method for obtaining the position of a point on the earth's surface.

JUPEM has used the method that utilises cross-referencing on satellite since the early 90s.

With technological development and modernisation of the GNSS systems, the performance and quality of measurement work improved to benefit the user.

In 2015, GNSS survey works involved in planning observation on 900 stations, which also included measurement to improve the Cadastral Reference Mark (CRM) network for cadastral survey.

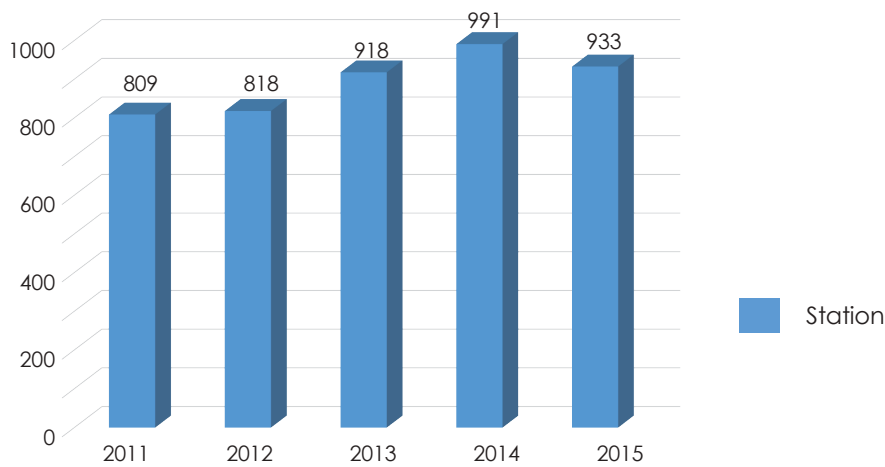
The achievement of survey activities involving GNSS for year 2015 is 933 stations (104%) compared to 900 stations set and the breakdown of activities is as follows:



NO.	ACTIVITY	STATION
1	GNSS observations for the establishment of the Malaysia – Brunei Darussalam Survey Control Network	24
2	GNSS observations for GPS Levelling	43
3	Height Modernisation System (HMS) Project	400
4	GNSS observations for the Cadastral Reference Mark (CRM)	430
5	Marine Geodetic Infrastructure In Malaysia Water (MAGIC)	7
6	Observations for the establishment of Negeri Sembilan – Melaka Survey Control Network Project	25
7	PMGSN Station Verification Project	4
	TOTAL	933

The five years period performance results for measurement activities involving GNSS is as follows:

YEAR	STATION
2011	809
2012	818
2013	918
2014	991
2015	933

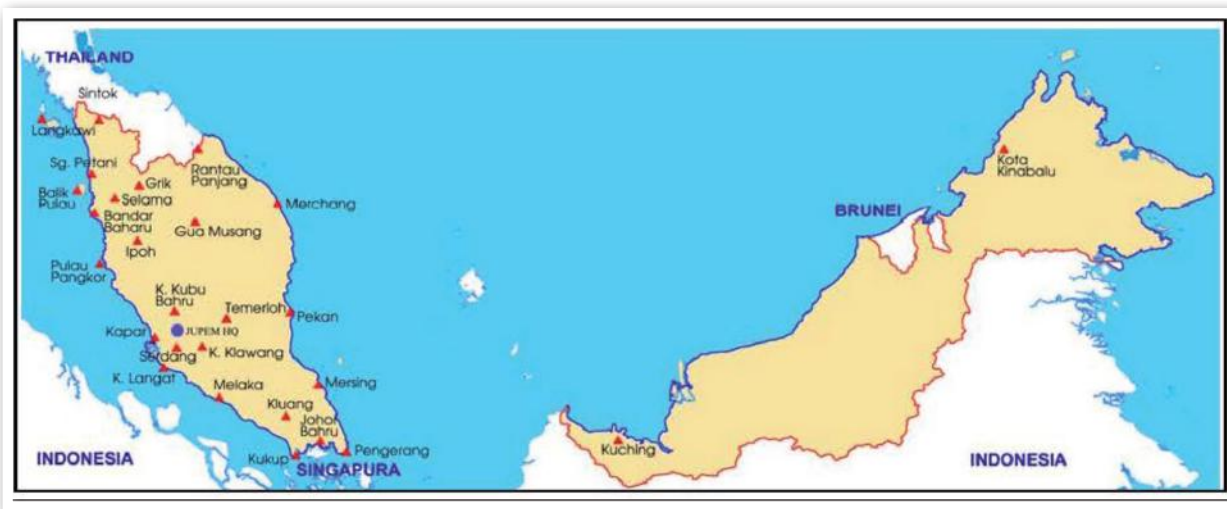


MyRTKnet

Subsequent to the GNSS technology development, the MyRTKnet (Malaysian Real Time Network) system has been developed since 2003.

The measurement method utilising Real Time Kinematic is the latest innovation in the determination of a point's relative position.

With a total of 78 stations, 50 stations in the Peninsular and 14 stations each in Sabah and Sarawak, the system is able to provide precise and accurate measurement work.



The achievement for MyRTKnet activities for year 2015 is as follows:

	ACTIVITY	AWT 2015	ACHIEVEMENT
1	Operation and Maintenance of MyRTKnet Station	100 times	100 times (100%)
2	GPS Data Management of MyRTKnet Station	628,617 data hours	628,617 data hours (100%)
3	Daily GPS Data Processing of MyRTKnet Station	26,192 data set	26,192 data set (100%)
4	Weekly and Yearly GPS Data Processing of MyRTKnet Station	3,732 data set	3,732 data set (100%)

EDM/GNSS CALIBRATION PILLAR BASE TEST

The work target for this activity was newly created in 2015 to carry out base calibration test once a year for 14 stations. Consequently, the number of tests to be carried out in 2015 was 14 times. Listing of EDM/GNSS calibration pillar bases located in Peninsular Malaysia and the Federal Territory of Labuan is as follows:



NO.	LOCATION	NO. STATION
1	Arau, Perlis	1
2	Pokok Sena, Kedah	1
3	Kubang Semang, Pulau Pinang	1
4	Taiping, Perak	1
5	F.T. Kuala Lumpur	1
6	Port Dickson, Negeri Sembilan	1
7	Melaka	1
8	Batu Pahat, Johor	1
9	Temerloh, Pahang	1
10	Tg. Sepat, Pahang	1
11	Polis, Pahang	1
12	Dungun, Terengganu	1
13	Melor, Kelantan	1
14	F.T. Labuan	1
	TOTAL	14

The achievement for EDM/GNSS pillar calibration base test activities for year 2015 is as follows:

ACTIVITY	AWT 2015	ACHIEVEMENT
EDM/GNSS Calibration Pillar Base Test for Peninsular Malaysia and F.T. Labuan	14 stations	14 stations (100%)

TIDAL OBSERVATIONS

The operation of 20 tidal gauge stations (STAPS) amongst which consists of 11 stations in Peninsular Malaysia: (located at *Jeti Telok Ewa Pulau Langkawi*, Kedah; *Penang Yacht Club George Town*, Pulau Pinang; *Pangkalan TLDM Lumut*, Perak; *Dermaga 25 Pelabuhan Utara Pelabuhan Kelang*, Selangor; *Jeti Tanjung Bruas Tanjung Keling*, Melaka; *Jeti Kukup*, Johor; *Kompleks LKIM Tanjung Sedili*, Johor; *Jeti Berjaya Beach Resort Pulau Tioman*, Pahang; *Pelabuhan Kuantan Tanjung Gelang*, Pahang; *Kompleks LKIM Cendering*, Terengganu and *Kompleks LKIM Geting*, Kelantan) while 6 stations in Sabah: (located at *Pelabuhan Kota Kinabalu*; *Kudat*; *Pelabuhan Sandakan*; *Lahad Datu*; *Pelabuhan Tawau*; *Pulau Labuan*) and another 3 stations in Sarawak: (located at *Sejingkat*, *Kuching*; *Pelabuhan Bintulu*, *Bintulu*; *Marina Park Miri*) is to measure the mean sea level that will be used as an accurate vertical datum and utilised as a basic reference level measurement work.



STAPS stations located in Peninsular Malaysia, Sabah and Sarawak

The achievement for tidal observation activities for year 2015 is as follows:

LOCATION	TOTAL STATION	AWT 2015	ACHIEVEMENT
Peninsular Malaysia	11	132 set	132 set (100%)
Sabah	6	72 set	72 set (100%)
Sarawak	3	36 set	36 set (100%)

Tidal observation activities in the 20 STAPS stations are for the publication of Tidal Observation Record Book and Tidal Forecast Schedule Book to be used by various parties.

In year 2015, one Tidal Observation Record Book for year 2014 and one Tidal Forecast Schedule Book for year 2017 had been published.

NETWORK LEVELLING

Levelling measurements are conducted to obtain the height of a point on the surface of the earth. JUPEM has conducted two types of levelling measurements that are Precise Levelling and Second Class Levelling. The measurement and processing of levelling data cover the works carried out in the Peninsular, Sabah and Sarawak.



In year 2015, precise levelling data processing only applied to routes in Peninsular Malaysia. These routes encompassed of Karak–Pahang–Seremban, Negeri Sembilan; Machang–Jeli, Kelantan; Kuantan–Gambang, Pahang; Pontian Kecil–Skudai, Johor; Muar–Parit Jawa–Batu Pahat, Johor; Gulau–Durian Burung, Kedah; Kuala Perlis–Sintok (UUM), Kedah; Kuala Perlis–Kangar–Berseri–Padang Besar, Perlis and Simpang Pertang–Batu Kikir–Bahau, Negeri Sembilan.

The achievement of levelling works for year 2015 is as follows:

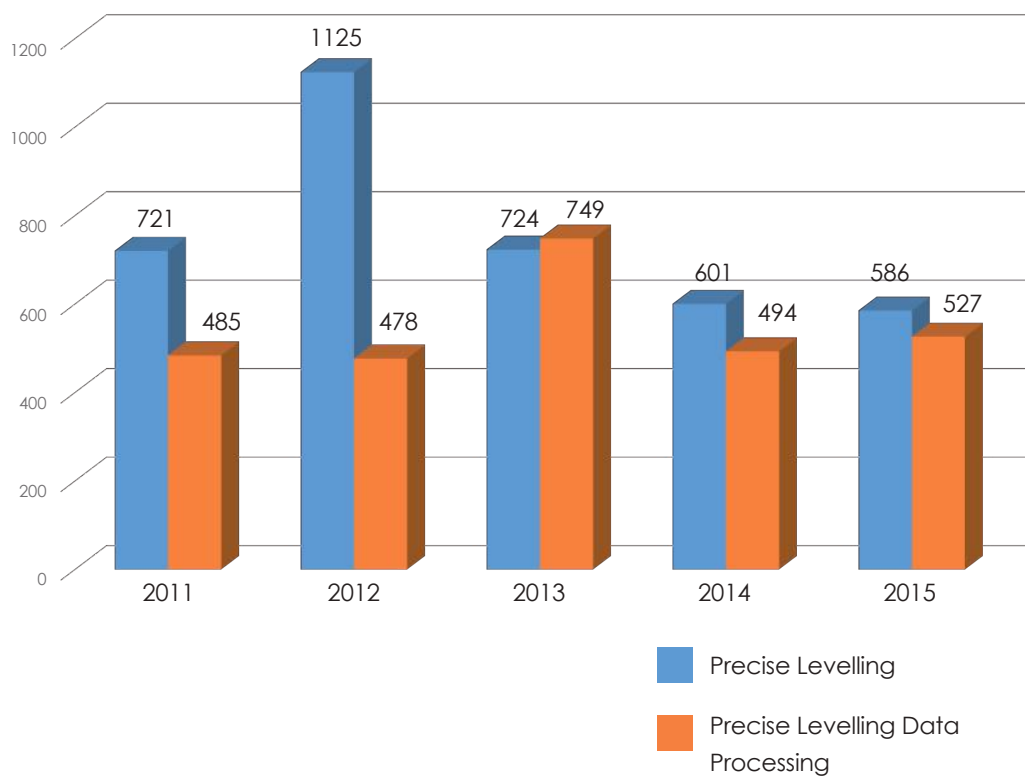
NO.	ACTIVITY	ACHIEVEMENT
1	Precise Levelling	586 bench marks
2	Precise Levelling Data Processing	527 bench marks
3	Second Class Levelling Data Processing	156 bench marks

The Annual Work Target (AWT) achievement for precise levelling work activities for year 2015 is as follows:

PRECISE LEVELLING		PRECISE LEVELLING DATA PROCESSING	
AWT 2015	ACHIEVEMENT 2015	AWT 2015	ACHIEVEMENT 2015
300 Bench Marks	586 Bench Marks (195%)	450 Bench Marks	527 Bench Marks (117%)

The five years period achievement for precise levelling work activities is as follows:

YEAR	PRECISE LEVELLING (BENCH MARKS)	PRECISE LEVELLING DATA PROCESSING
2011	721	485
2012	1,125	478
2013	724	749
2014	601	494
2015	586	527

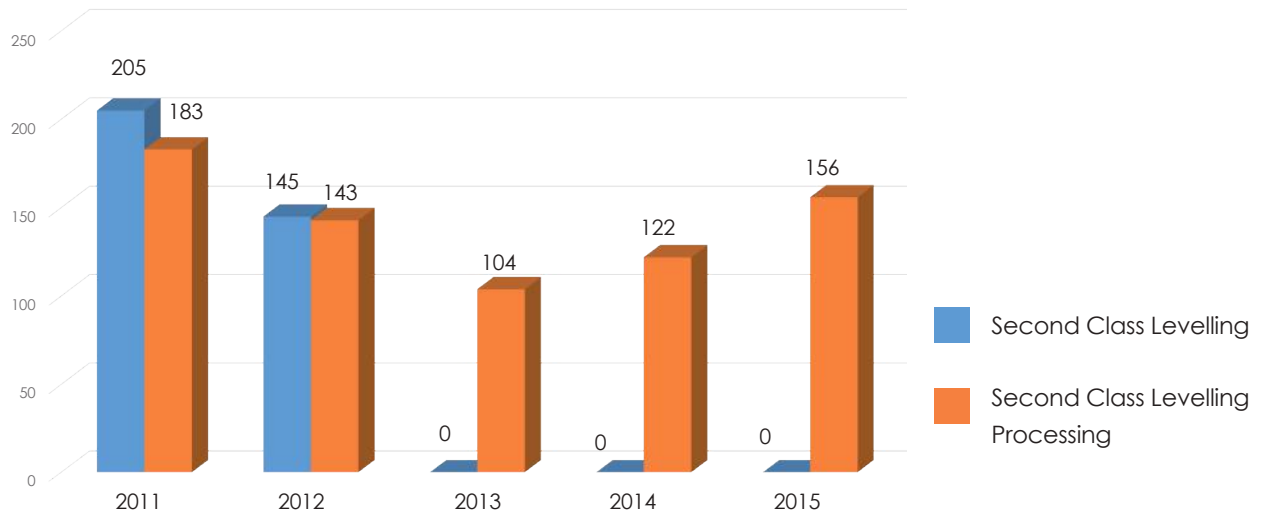


The AWT achievement for second class levelling work activities for year 2015 is as follows:

SECOND CLASS LEVELLING		SECOND CLASS LEVELLING DATA PROCESSING	
AWT 2015	ACHIEVEMENT 2015	AWT 2015	ACHIEVEMENT 2015
0 Bench Mark	0 Bench Mark (0%)	100 Bench Marks	156 Bench Marks (156%)

The five years period achievement for second class levelling work activities is as follows:

YEAR	SECOND CLASS LEVELLING (BENCH MARK)	SECOND CLASS LEVELLING DATA PROCESSING (BENCH MARK)
2011	205	183
2012	145	143
2013	0	104
2014	0	122
2015	0	156



Note: Second class levelling was not carried out in 2015 due to the focus on topographic maps and thematic maps mapping activities.

GRAVITY MEASUREMENT

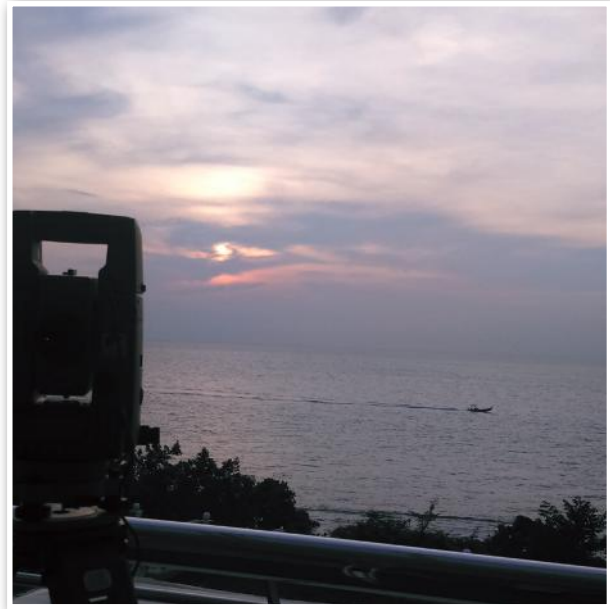
JUPEM has played a major role in carrying out gravity measurements to obtain orthometric height correction. This orthometric height will be used as a reference for mapping, engineering, scientific research and other work.

For year 2015, plans had been made to set up 600 stations for the First and Third Order Gravity observations in the state of Kedah and Perlis for the Height Modernisation System project. However, only 545 stations were able to be observed as the gravimeter equipment need to be repaired in September 2015.



ASTRONOMY

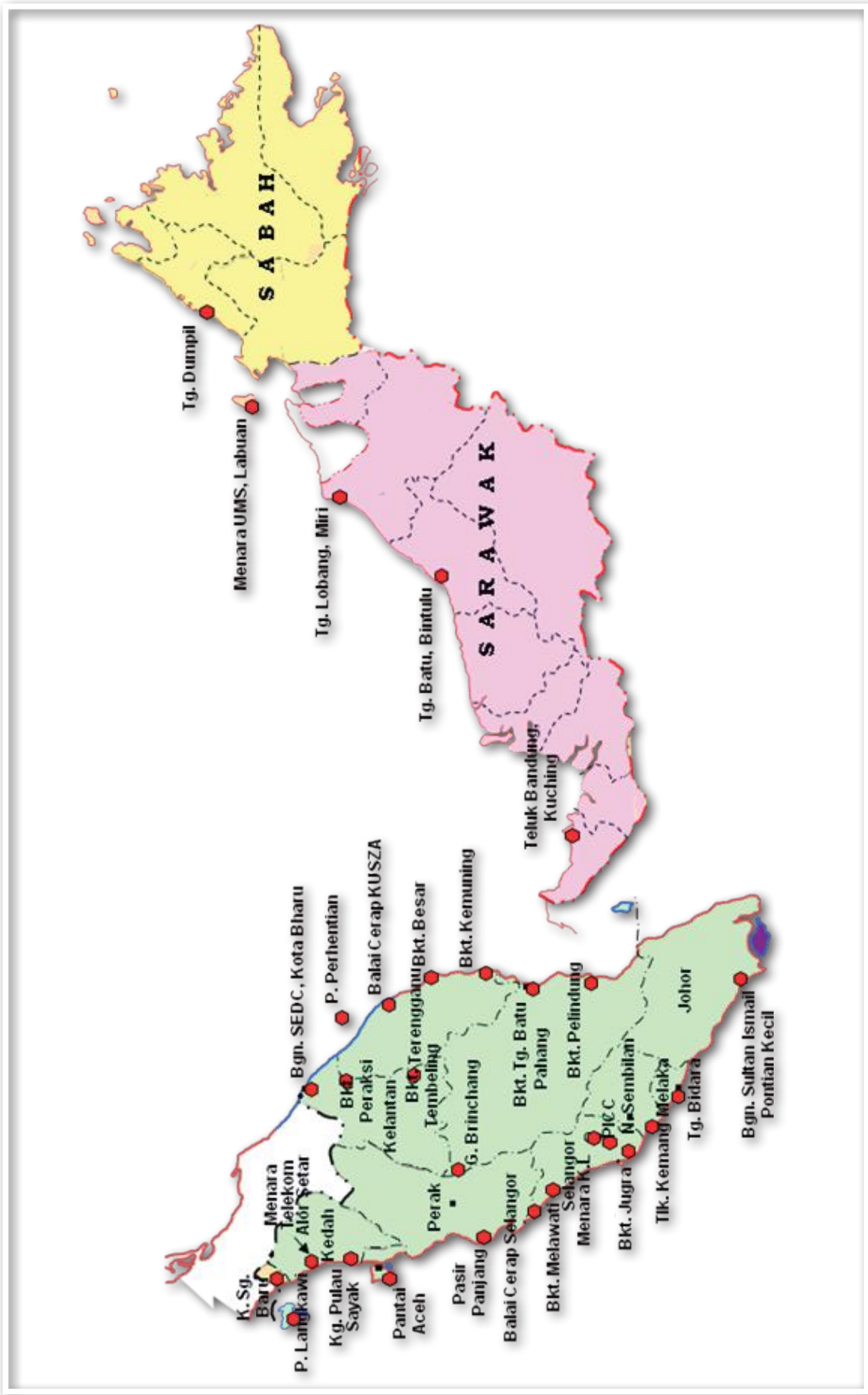
JUPEM is an agency directly involved in the field of astronomy especially in the preparation of *rukayah* and *hilar* data. Being a member of the National Council for State Islamic Affairs, JUPEM has played its role by providing services to the public especially in the preparation of the Islamic calendar, qibla direction determination, observations of *rukayah* and *hilar* for the determination of important dates in the Islamic calendar such as the determination of *Ramadan* and *Syawal*.



The achievement for astronomy related activities for year 2015 is as follows:

NO.	ACTIVITY	AWT 2015	ACHIEVEMENT
1	<i>Rukyah</i> and <i>Hilar</i> Astronomical Calculations	29 stations	29 stations (100%)
2	<i>Hilar</i> Observations at the Teluk Kemang Observatory for the Review of the <i>Imkanur Rukyah</i> Criteria	9 times	9 times (100%)
3	Skylight Research Observation	6 times	6 times (100%)

In year 2015, the data preparation to determine the beginning of *Ramadan*, *Syawal* and *Zulhijjah* for the year 1436 *Hijrah* was conducted at 29 *Hilar* observation stations in Kuala Sungai Baru Simpang Empat, Perlis; Menara Telekom, Alor Setar, Kedah; Pulau Sayak, Kuala Muda, Kedah; Pemandangan Indah, Langkawi, Kedah; Pantai Acheh, Pulau Pinang; Pantai Pasir Panjang, Perak; Bukit Malawati, Kuala Selangor, Selangor; Balai Cerap Selangor, Bandar Nakhoda Omar, Selangor; Bukit Jugra, Selangor; Menara Kuala Lumpur; PICC Putrajaya; Telok Kemang, Negeri Sembilan; Tanjung Bidara, Melaka; Pontian Kechil, Johor; Bukit Tanjung Batu, Nenasi, Pekan, Pahang; Bukit Pelindung, Kuantan, Pahang; Gunung Berinchang, Cameron Highlands, Pahang; Bukit Geliga, Kemaman, Terengganu; Bukit Besar, Kuala Terengganu, Terengganu; Merang, Setiu, Terengganu; Pulau Perhentian, Besut, Terengganu; Menara Bangunan SEDC, Kota Bharu, Kelantan; Bukit Peraksi, Pasir Puteh, Kelantan; Bukit Kampung Tembeling, Kuala Krai, Kelantan; Tanjung Dumpil, Putatan, Sabah; Menara Universiti Malaysia Sabah, Labuan; Tanjung Lobang, Miri, Sarawak; Tanjung Batu, Bintulu, Sarawak and Teluk Bandung, Kuching, Sarawak.



Locations of Hlal Observation Stations in Peninsular Malaysia, Sabah and Sarawak

INTERNATIONAL BOUNDARIES

MALAYSIA – THAILAND LAND BOUNDARY

The demarcation and survey of the watershed boundary between Malaysia–Thailand measuring 551.5 km in length commenced on 6 July 1973 and completed on 26 September 1985. As for the deepest river flow boundary (Thalweg) measuring 105.3 km commenced on 1 November 2000 and completed on 28 July 2009. The project was jointly conducted with the Royal Thai Survey Department (RTSD). At present, the activity carried out under the project is Multi-Purpose Survey, which includes Investigation, Refixation and Maintenance for the Malaysia–Thailand International Boundary.

The achievement of the activities for investigation, refixation and border maintenance in Priority Area IV (BP51-BP54A), Priority Area II (BP7C-BP8C) for year 2015 is as follows:

NO.	AREA	AWT 2015	ACHIEVEMENT
1	Section C - IV (BP51-BP54A)	4.6 km	4.6 km (100%)
2	Section D - IV (BP51-BP54A)	5.2 km	5.2 km (100%)
3	Section E - IV (BP51-BP54A)	4.8 km	4.8 km (100%)
4	Section F - IV (BP51-BP54A)	5.3 km	5.3 km (100%)
5	Section A - II (BP7C-BP8C)	6.9 km	6.9 km (100%)
6	Section B - II (BP7C-BP8C)	7.2 km	7.2 km (100%)
	TOTAL		34.0 km



In addition, the meetings related to the delimitation of the international land boundary between Malaysia and Thailand are as follows:

NO.	DISCUSSION	DATE
1	The 31st Co- Project Directors (DIS-CPD-31) Discussion on the Demarcation, Survey and Maintenance of Malaysia-Thailand International Boundary in Chiang Mai, Thailand	10 - 12 February 2015
2	The 31st Malaysia-Thailand (HLC-31) High Level Committee Meeting in Bangkok, Thailand	13 - 15 May 2015
3	The 32nd Co-Project Directors (DIS-CPD-32) Discussion on the Demarcation, Survey and Maintenance of Malaysia-Thailand International Boundary in Hat Yai, Thailand	9 - 11 June 2015
4	The 46th Malaysia-Thailand (JTC-46) Joint Technical Committee Meeting in Hat Yai, Thailand	25 - 27 August 2015
5	The 32nd Malaysia-Thailand (HLC-32) High Level Committee Meeting in Kuala Lumpur, Malaysia	14 September 2015
6	The 31st Joint Commission Meeting (JC) and the 4th Joint Development Strategy (JDS) Meeting in Kuala Lumpur, Malaysia	21 - 22 October 2015
7	The 2nd Thailand-Malaysia Technical Team for Border Co-Management in Hat Yai, Thailand	8 December 2015



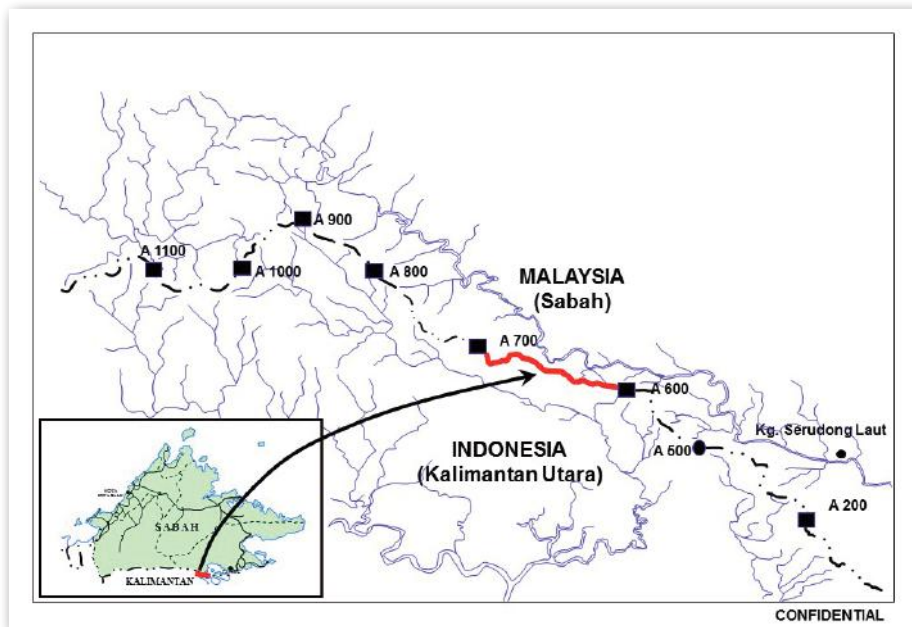
MALAYSIA – INDONESIA LAND BOUNDARY

The 39th Malaysia-Indonesia International Boundary Joint Committee Meeting which was held in Miri, Sarawak on 27-29 November 2014 to discuss the Sarawak-West Kalimantan and Sabah-North Kalimantan International Boundary Demarcation Project which, among others was the Survey Programme for Year 2015. During the meeting, both sides had agreed to undertake survey work for investigation, refixation and maintenance (IRM) for Sabah-North Kalimantan Sector, at Sub-Sector A600-A700 in Priority Area I (AB) with a distance of 8.0 km and for Sarawak-West Kalimantan Sector at Sub-Sector H300-H500 in Priority Area VII (HI) with a distance of 15.0 km.

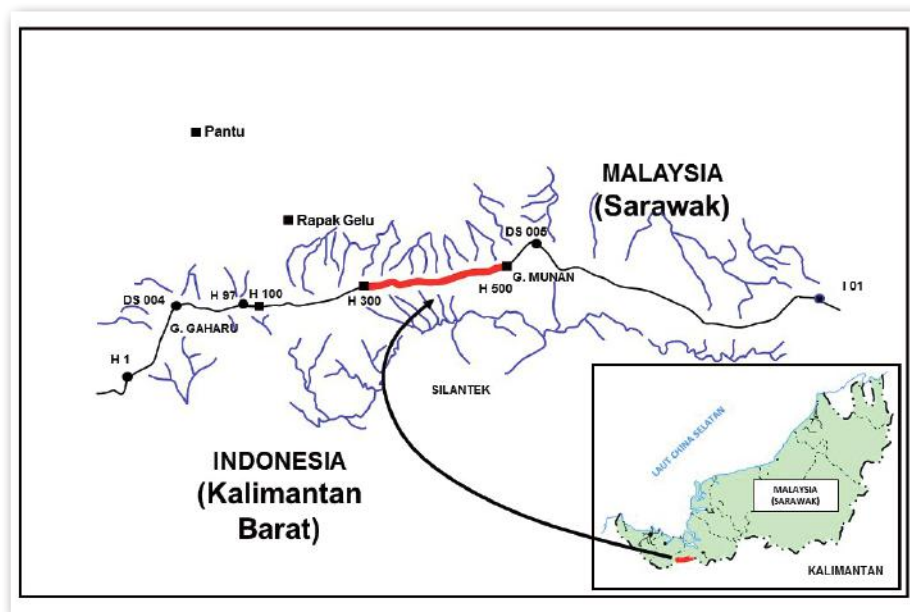


The 45th Indonesia-Malaysia International Boundary Joint Technical Committee Meeting on Demarcation and Survey Project held in Bali, Indonesia on 24-26 November 2015 among others reported the achievement for investigation, refixation and maintenance works activities for year 2015 as follows:

NO.	AREA	AWT 2015	ACHIEVEMENT
1	Sabah–North Kalimantan	8.0 km	8.0 km (100%)
2	Sarawak–West Kalimantan	15.0 km	15.0 km (100%)



Sabah-North Kalimantan International Boundary Demarcation Project



Sarawak-West Kalimantan International Boundary Demarcation Project

Meetings related to the demarcation of the international land boundary between Malaysia and Indonesia in 2015 are as follows:

NO.	DISCUSSION	DATE
1	Special Discussion for the Joint Border Mapping between Indonesia (North Kalimantan & West Kalimantan) and Malaysia (Sabah & Sarawak) in Bandung, Indonesia	25-27 May 2015
2	Special Discussion for the Joint Border Mapping between Indonesia (North Kalimantan & West Kalimantan) and Malaysia (Sabah & Sarawak) in Shah Alam, Malaysia	17-21 August 2015
3	Special Discussion for the Common Border Datum Reference Frame in Genting Highland, Pahang, Malaysia	25-27 August 2015
4	The 12th JWG on Common Border Datum Reference Frame and Joint Border Mapping Malaysia-Indonesia in Terengganu, Malaysia	21- 23 October 2015
5	The 8th Joint Working Group for Outstanding Boundary Problem (JWG-OBP) for Indonesia (North Kalimantan)-Malaysia (Sabah) Demarcation and Survey Project in Shah Alam, Selangor, Malaysia	4-6 November 2015
6	The 45th Joint Technical Committee Meeting between Malaysia (Sabah & Sarawak) and Indonesia (North Kalimantan & West Kalimantan) in Bali, Indonesia	24-26 November 2015
7	The 33rd Indonesia-Malaysia Sosek Working Committee Conference in Batam, Kepulauan Riau, Indonesia	14-15 December 2015

MALAYSIA – INDONESIA MARITIME BOUNDARY

Technical Meetings on Maritime Boundary Issues between Malaysia and Indonesia are scheduled meetings and being held periodically since year 2005 led by the Ministry of Foreign Affairs (KLN). In addition, Technical Working Group (TWG) on Maritime Boundaries Delimitation between Malaysia and The Republic of Indonesia headed by the Director of Survey (Boundary Affairs Division), Department of Survey and Mapping Malaysia was established under this Technical Committee to discuss technical issues related to the delimitation of maritime boundaries between Malaysia and Indonesia.



The meetings related to maritime boundaries between Malaysia and Indonesia held in 2015 are as follows:

NO.	DISCUSSION	DATE
1	Inter-Agency Preparatory Meeting for the 27th Technical Meeting on Maritime Boundaries Delimitation between Malaysia and the Republic of Indonesia at Wisma Putra, Putrajaya	12 February 2015
2	The 27th Technical Meeting on Maritime Boundaries Delimitation between Malaysia and the Republic of Indonesia in Jakarta, Indonesia	26-28 February 2015
3	Inter-Agency Preparatory Meeting for the 28th Technical Meeting on the Delimitation of Maritime Boundaries between Malaysia-Republic of Indonesia at Wisma Putra, Putrajaya	26 May 2015
4	The 28th Technical Meeting on Maritime Boundaries Delimitation between Malaysia and the Republic of Indonesia, in Kuching, Sarawak	14-16 June 2015
5	Preparatory Meeting for the 2nd Meeting on the Review of the Implementation on the MoU between the Government of Malaysia and the Government of the Republic of Indonesia in respect of the Common Guidelines Concerning Treatment of Fishermen by Maritime Law Enforcement Agencies of Malaysia and the Republic of Indonesia (2nd Review Meeting MoU Common Guidelines) at MKN, Putrajaya	28 October 2015
6	Inter-Agency Preparatory Meeting for the 29th Technical Meeting on the Delimitation of Maritime Boundaries between Malaysia-Republic of Indonesia at Wisma Putra, Putrajaya	17 November 2015
7	Inter-Agency Preparatory Meeting for the New Mechanism regarding to Maritime Boundaries between Malaysia and Indonesia in Sulawesi Sea at Wisma Putra, Putrajaya	22 December 2015

MALAYSIA – SINGAPORE MARITIME BOUNDARY

The Joint Survey Work between Malaysia and Singapore was conducted as an early preparation for the maritime boundary delimitation work around Batu Puteh, Middle Rocks and South Ledge. JUPEM's Boundary Affairs Division is also involved as a joint secretariat in the Malaysia-Singapore Maritime Delimitation meeting. In addition, Boundary Affairs Division is also involved in meetings related to the maritime boundaries between Malaysia and Singapore as follows:

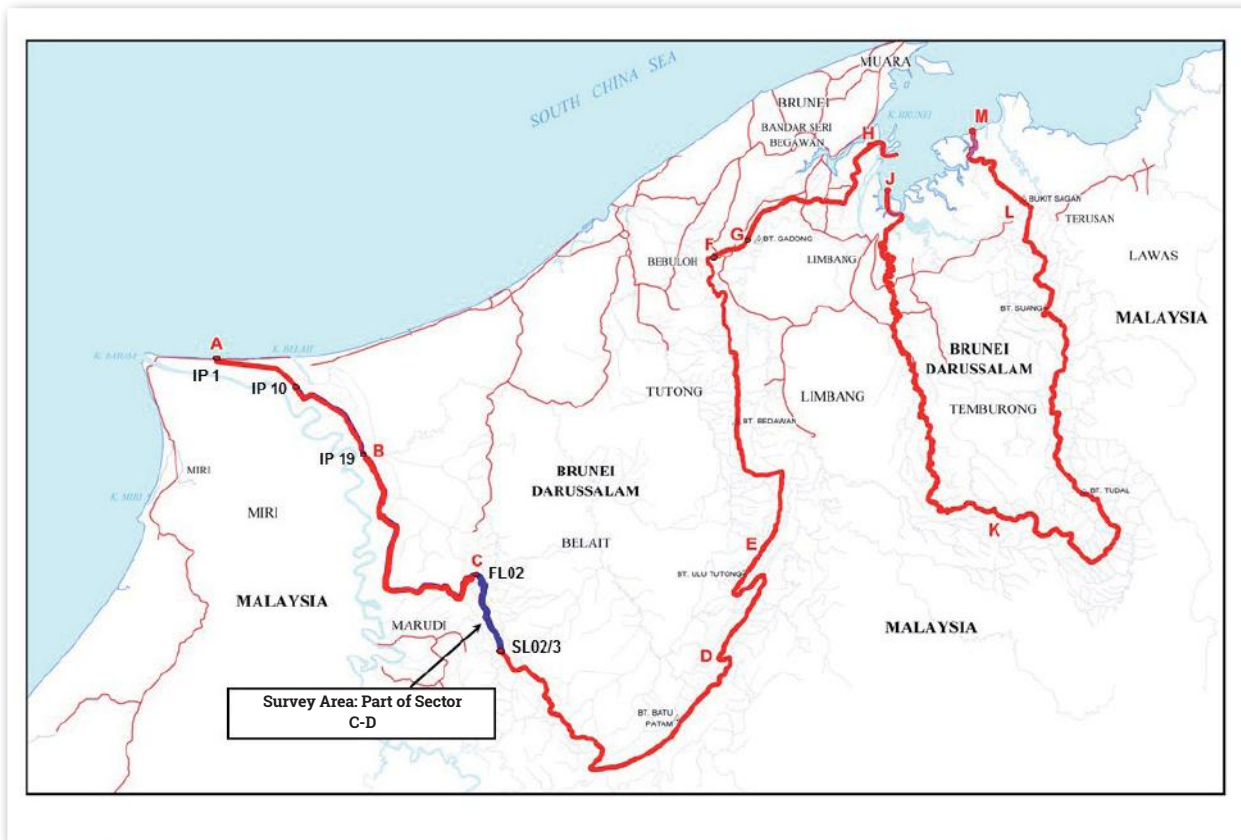
NO.	MEETING / DISCUSSION	DATE
1	Technical Meeting on Sea Reclamation in the Straits of Johor: Settlement Agreement 2005 at Department of Environmental, NRE, Putrajaya	12 February 2015
2	The Establishment of the Advisory Consultant Group Meeting on Malaysia-Singapore Joint Committee on the Environment (MSJCE) at Department of Environmental, NRE, Putrajaya	10 March 2015
3	Inter-Agency Meeting for the 7th Malaysia-Singapore Joint Technical Committee Meeting Draft Record regarding the Implementation of the International Court of Justice Judgement on Batu Puteh, Middle Rocks and South Ledge at Wisma Putra, Putrajaya	2 April 2015
4	Technical Meeting on Reclamation Projects in the Straits of Johor No. 3/2015 at Earth Observation Centre (EOC), Universiti Kebangsaan Malaysia, Bangi, Selangor	3 April 2015
5	Briefing on Batu Puteh, Middle Rocks and South Ledge to the YAB Johor Menteri Besar and Members of the Johor State Executive Council at Menteri Besar Office, Johor Bahru, Johor	30 June 2015
6	Technical Meeting on Reclamation Projects in the Straits of Johor No. 9/2015 at Earth Observation Centre (EOC), Universiti Kebangsaan Malaysia, Bangi, Selangor	1 September 2015
7	Technical Meeting on Reclamation Projects in the Straits of Johor No. 10/2015 at Earth Observation Centre (EOC), Universiti Kebangsaan Malaysia, Bangi, Selangor	8 September 2015
8	Technical Meeting on Reclamation Projects in the Straits of Johor No. 12/2015 at Earth Observation Centre (EOC), Universiti Kebangsaan Malaysia, Bangi, Selangor	30 September 2015
9	Steering and Technical Committee Workshop and Meeting for Environmental Data Program in the Straits of Johor and around Middle Rocks and South Ledge No. 2/2015 in Johor Bahru, Johor	9-11 December 2015

MALAYSIA - BRUNEI DARUSSALAM LAND BOUNDARY

In the year 2015, both sides had agreed to carry out the Malaysia–Brunei Darussalam International Boundary Demarcation and Survey for part of Sector (C-D) which is from Sector (C-D) TL02/2-SL02/3 and Sector (K-L) TL07/21-FL08 with distance of 11 km.

The Joint Survey Team had started to delimit and demarcate the Malaysia-Brunei International Boundary for part of Sector (C-D) which is from Sector (C-D) TL02/2-SL02/3 and control survey work in Sector (K-L) TL07/21–FL08.

Until 31 December 2015, the Joint Survey Team had carried out survey and demarcation works for a distance of 5.84 km.



Malaysia-Brunei (Sector C-D) International Boundary Demarcation and Survey

The achievement of the survey activity for year 2015 is as follows:

AREA	AWT 2015	ACHIEVEMENT
Sector (C-D) TL02/2 – SL02/3 (5km)	11.0 km	5.84 km (53%)*
Sector (K-L) TL07/21 – FL08 (6km)		

* Achievement was only 53% due to Sector K-L not carried out to concentrate on the special survey for Joint Preliminary Visual Investigation and topography survey in Sector F-G (Bebuloh to Bukit Gadong).



Meetings related to the delimitation of Malaysia and Brunei international land boundary in year 2015 are as follows:

NO.	DISCUSSION	DATE
1	The 16th Inter-Agency Meeting on Exchange Of Letters (EOL) Implementation between Malaysia and Brunei Darussalam at Wisma Putra, Putrajaya	30 June 2015
2	The 16th Bilateral Meeting on Exchange Of Letters (EOL) Implementation between Malaysia and Brunei Darussalam in Kuala Lumpur	4 August 2015
3	The 19th Annual Consultation between PSB Brunei Darussalam Sultan and YAB Prime Minister of Malaysia in Bandar Seri Begawan, Brunei	10-11 August 2015
4	The 12th Malaysia-Brunei Darussalam Land Boundary Technical Committee Meeting in Kuala Terengganu, Terengganu	7-9 September 2015

MALAYSIA CONTINENTAL SHELF PROJECT

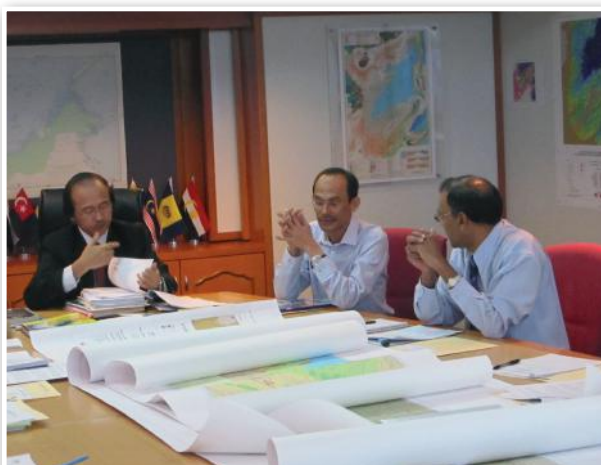
Article 76, The United Nations Convention on the Law of the Sea (UNCLOS) 1982 required the coastal states that wish to establish the external boundary of the continental shelf beyond 200 nautical miles from the baseline of its territorial sea to submit scientific data and technical information to the Commission on the Limits of the Continental Shelf (CLCS) by the latest on 13 May 2009. In accordance to that, a Continental Shelf Sub-committee Meeting that was held at National Security Council (MKN), Prime Minister's Department on 25 August 2001 had established a Continental Shelf Working Group in which JUPEM was appointed as the Lead Agency to collect, analyse and prepare the submission document to CLCS.

The Cabinet on 23 July 2008 had agreed the continental shelf claims to be submitted as a Joint Submission with Vietnam. With regards to this, the Joint Submission document of Malaysia and the Socialist Republic of Vietnam had been successfully submitted to the CLCS at the Organisation of the United Nations, New York on 6 May 2009. Subsequently, Malaysia and the Socialist Republic of Vietnam presented the Malaysia-Vietnam Joint Submission preliminary presentation during the 24th session of the CLCS which was held at the Organisation of the United Nations Headquarters, New York, United States of America on 27 August 2009. However, on 1 October 2009 CLCS had suspended the consideration to review the Joint Submission document following the Objection Notes from the People's Republic of China and the Philippines. CLCS decision to suspend the Joint Submission was the first obstacle that need to be addressed jointly by Malaysia and Vietnam in ensuring the Joint Submission document could be reviewed and subsequently received recommendations from CLCS.

In relation to that, the Cabinet decision dated 22 April 2009, among others, had agreed that the Malaysia unilateral or joint submission preparation for the remaining portion of the extended continental shelf to be continued. Therefore, to date JUPEM with other agencies involved are preparing the submission document for the purpose of reclaiming the remaining continental shelf limit known as Malaysia Continental Shelf Project Phase II. Activities are carried out and aim to ensure the continuity of the Malaysia Continental Shelf Project Phase II simultaneously with assigned plans inclusive of meetings, discussions and training to junior officers to preserve the sustainability of the Malaysia Continental Shelf Project for national interest. Among the activities and meetings held for year 2015 are as follows:



NO.	DISCUSSION	DATE
1	Malaysia Continental Shelf Committee Meeting No. 1/2015 at Tanjung Room, MKN, Putrajaya	16 April 2015
2	Informal Discussion between Malaysia and Vietnam in respect of Maritime Delimitation and Informal Discussion between Malaysia and Vietnam on Malaysia-Vietnam Joint Submission to the Commission of Limits of the Continental Shelf at Wisma JUPEM, Kuala Lumpur	27 May 2015
3	Malaysia Continental Shelf Project Trust Fund Committee Meeting No. 1/2015 at MKN, Putrajaya	6 August 2015
4	The 16th Vietnam-Malaysia Joint Technical Expert Committee (JTEC) on the Issue of Joint Submission pursuant to Article 76 of the UNCLOS 1982 in Hanoi, Vietnam	25-27 August 2015
5	Continental Shelf Technical Working Group Meeting 2015 at Wisma JUPEM, Kuala Lumpur	29 October 2015
6	Malaysia Continental Shelf Project Trust Fund Committee Meeting No. 2/2015 at MKN, Putrajaya	16 December 2015
7	Continental Shelf Technical Working Group Meeting 2015 at Wisma JUPEM, Kuala Lumpur	18 December 2015



STATE BOUNDARIES

THE JOINT BORDER DEMARCATION AND SURVEY PROJECT BETWEEN THE STATES OF PENINSULAR MALAYSIA

The achievement of joint border demarcation and survey activities between Negeri Sembilan and Melaka for year 2015 is as follows:

STATE BOUNDARY	AWT 2015	ACHIEVEMENT
Negeri Sembilan–Melaka	22.1 km	22.1 km (100%)



Joint Border Survey for Negeri Sembilan and Melaka

The following is the department's attended list for meetings related to boundary between states in 2015:

NO.	DISCUSSION	DATE
1	Joint Technical Committee Meeting for Joint Maritime Boundary Demarcation and Survey between Negeri Selangor with Negeri Perak and Negeri Sembilan No.1/2015 at PTG Shah Alam, Selangor	4 February 2015
2	Joint Technical Committee Meeting for Boundary Demarcation and Survey (Kedah-Perlis Boundary) No.2/2015 at PTG Kedah, Alor Setar, Kedah	23 February 2015
3	Joint Technical Committee Meeting for Joint Boundary Demarcation and Survey between Negeri Selangor and Federal Territory Putrajaya No.1/2015 at PTG Selangor, Shah Alam, Selangor	3 March 2015
4	Joint Border Technical Committee Meeting for Negeri Sembilan and Melaka at the District and Land Office, Seremban, Negeri Sembilan	12 March 2015
5	Joint Technical Committee Meeting for Joint Boundary Demarcation and Survey between Negeri Perak and Negeri Selangor No.1/2015 at JKPTG Ipoh, Ipoh, Perak	26 March 2015
6	Technical Meeting JUPEM State's Level for Negeri Johor and Negeri Sembilan Joint Boundary Alignment Determination at JUPEM Johor, Johor Bahru	27 May 2015
7	Trust Fund Committee Meeting for Joint Boundary Determination, Demarcation and Survey Project between the States of Peninsular Malaysia No.1/2015 at Berlian Meeting Room, Level 11, Wisma JUPEM, Kuala Lumpur	27 May 2015
8	Joint Technical Committee Meeting for Boundary Demarcation and Survey between Negeri Terengganu and Pahang at PTG, Kuantan, Pahang	28 May 2015
9	Outreach And Engagement Programme Meeting Series 1/2015 to discuss the Joint Boundary Demarcation and Survey Project for Negeri Selangor-Pahang and Negeri Selangor-Negeri Sembilan at Zamrud Meeting Room, Level 12, Wisma Sumber Asli, Putrajaya	17 June 2015
10	Outreach And Engagement Programme Meeting Series 2/2015 to discuss the Joint Boundary Demarcation and Survey Project for Negeri Sembilan-Johor, Negeri Johor-Melaka and Negeri Johor-Pahang at Zamrud Meeting Room, Level 12, Wisma Sumber Asli, Putrajaya	17 June 2015
11	Joint Border Technical Committee Meeting for Terengganu-Pahang at Southern District Surveyor Office Meeting Room, Kemaman, Terengganu	27 August 2015
12	States Joint Boundary Demarcation and Survey Committee Meeting between Kedah-Pulau Pinang and Kedah-Perak at PTG Kedah, Alor Setar, Kedah	9 September 2015
13	Coordination Meeting to discuss Boundary Delimitation for Negeri Selangor and Federal Territory Kuala Lumpur/Putrajaya at JUPEM F.T. Kuala Lumpur/Putrajaya Meeting Room, Level 4, Wisma JUPEM, Kuala Lumpur	21 September 2015

NO.	DISCUSSION	DATE
14	Special Meeting to finalise Melaka-Negeri Sembilan Boundary Alignment Demarcation and Survey Dispute at JUPEM Melaka Meeting Room, Melaka	7 October 2015
15	Meeting on Negeri Selangor and Federal Territory Kuala Lumpur and Federal Territory Putrajaya Joint Boundary Demarcation and Survey at F.T. Kuala Lumpur Land and Mines Director Office, Kuala Lumpur	8 October 2015
16	Meeting on Negeri Selangor and Federal Territory Kuala Lumpur Boundary Delimitation at 16th Floor Meeting Room, JUPEM Selangor, Shah Alam, Selangor	13 October 2015
17	National Committee Meeting on States Joint Boundary Demarcation and Survey (JKPPSBN) No.1/2015 at Mutiara Meeting Room, Level 13, Wisma Sumber Asli, Putrajaya	20 October 2015
18	Terengganu-Pahang Border Technical Committee Meeting at JUPEM Pahang Meeting Room, Kuantan, Pahang	9 November 2015
19	Briefing on Negeri Kedah, Perak, Pulau Pinang and Perlis Joint Boundary at Wisma Darul Aman, Alor Setar, Kedah	11 November 2015
20	Negeri Kelantan Joint Boundary Demarcation and Survey Technical Committee Coordination Meeting at Discussion Room, Administrative Division, PTG Kelantan, Kota Bahru, Kelantan	16 November 2015
21	Trust Fund Committee Meeting for Joint Boundary Demarcation and Survey Project between the States of Peninsular Malaysia Project No.2/2015 at Zamrud Meeting Room, Level 12, Wisma Sumber Asli, Putrajaya	18 November 2015

COURT CASE EXPERT WITNESS

JUPEM officers are called as expert witness in court involving cases where the foreign anglers and vessels encroached into Malaysia water. For year 2015, there were 23 cases attended by JUPEM officers to verify the intrusion location for cases brought to court by the Malaysia Maritime Enforcement Agency (APMM) and the Ministry of Domestic Trade, Co-Operatives and Consumer (KPDNKK). The cases are as follows:

NO.	HEARING	DATE
1	Court Case No. 83-520-8/14 and 83-552-9/14 by APMM, Daerah Maritim 8, Kuantan, Pahang at Kuantan Magistrate Court, Pahang	15-16 January 2015
2	Court Case No. 83-742-11/14 and 83-743-11/14 by APMM, Daerah Maritim 8, Kuantan, Pahang at Kuantan Magistrate Court, Pahang	19-20 January 2015
3	Court Case No. N802729 by KPDNKK at Kota Tinggi Sessions Court, Johor	20-22 January 2015
4	Court Case No. TWU-62ATP-10/8-2014 by APMM, Daerah Maritim 18, Tawau, Sabah at Tawau Sessions Court, Sabah	9-12 February 2015
5	Court Case No. SKN/RPT/016578/2013 by APMM, Daerah Maritim 17, Sandakan, Sabah at Sandakan Sessions Court, Sabah	2-3 March 2015
6	Court Case No. C022622 by APMM, Daerah Maritim 8, Kuantan, Pahang at Kuantan Magistrate Court, Pahang	11 March 2015
7	Court Case No. C022894 by APMM, Daerah Maritim 8, Kuantan, Pahang at Kuantan Magistrate Court, Pahang	25-26 March 2015
8	Court Case No. CJBA No.033209 by APMM, Daerah Maritim Tanjung Sedili at Kota Tinggi Sessions Court, Johor	30 March 2015
9	Court Case No. 87-667-06/2014 by APMM, Daerah Maritim 9 at Kuala Terengganu Magistrate Court, Terengganu	1 April 2015
10	Court Case No. 87-667-06/2014 by APMM, Daerah Maritim 9 at Kuala Terengganu Magistrate Court, Terengganu	29 April 2015
11	Court Case Boat KNF7960 by APMM, Daerah Maritim 8, Kuantan, Pahang at Kuantan Magistrate Court, Pahang	5-6 May 2015
12	Court Case SIBU SATU Tanker by KPDNKK at Kota Tinggi Magistrate Court, Johor	12 May 2015
13	Court Case Vessels Arrest with Registration Number PK3149F by APMM, Kuala Kurau, Perak at Taiping Magistrate Court, Perak	16 June 2015
14	Court Case Robbery of Vessel MT Sun Birdie (IMO No.9073256) by APMM, Tanjung Sedili, Johor at Kota Tinggi Sessions Court, Johor	23 June 2015

NO.	HEARING	DATE
15	Court Case Boat KNF7959 and KNF7960 by APMM, Kuantan, Pahang at Kuantan Magistrate Court, Pahang	25 June 2015
16	Court Case Foreign Fishermen Vessel Arrest with Registration Number KG 93889 TS and KG 94536 TS by APMM, Tanjung Sedili, Johor at Kota Tinggi Sessions Court, Johor	30 June - 1 July 2015
17	Court Case Boat KNF7959 and KNF7960 by APMM, Kuantan, Pahang at Kuantan Magistrate Court, Pahang	7 July 2015
18	Court Case Foreign Fishermen Vessel Arrest with Registration Number KG94004TS by APMM, Miri, Sarawak at Miri Magistrate Court, Sarawak	20-24 July 2015
19	Court Case Thrive Vessel Arrest by APMM, Tanjung Sedili, Johor at Kota Tinggi Sessions Court, Johor	28-29 July 2015
20	Court Case Vessel Arrest for MT Victory Star 1 with no registration number and MT Moresby 9 with Registration Number 7705740 by APMM at Sungai Petani Sessions Court, Kedah	29-30 July 2015
21	Court Case Boat KNF7959 and KNF7960 by APMM, Kuantan, Pahang at Kuantan Magistrate Court, Pahang	10 August 2015
22	Court Case MT TRITON Tanker Arrest with Registration Number 334174 by APMM, Miri, Sarawak at Miri Magistrate Court, Sarawak	26-27 October 2015
23	Court Case Arrest APMM-PM102/250/15-07 by APMM, Alor Setar, Kedah at Alor Setar Magistrate Court Alor, Kedah	29 December 2015

MAP PUBLISHING

Measurement and data processing activities are carried out before producing a map. These activities involved field data collection and survey data processing.

DATA ACQUISITION

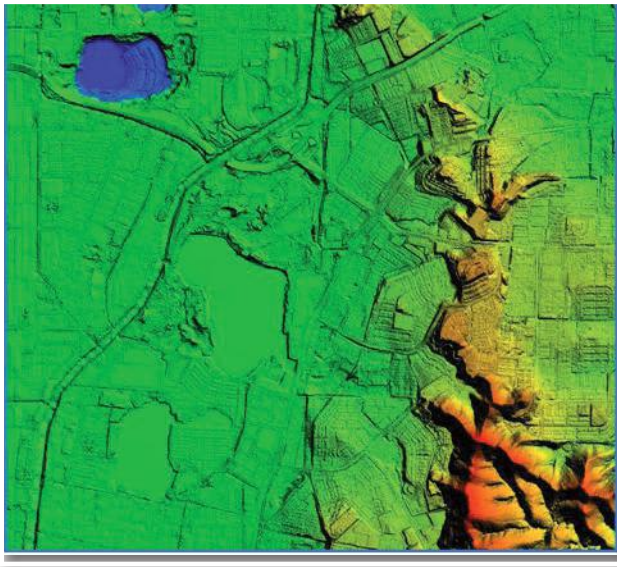
Data acquisition involved works such as aerial photography and preparation of contact prints, preparation of field completion data set and orthophoto map. In addition, data acquisition activities also involved the preparation of satellite imagery orthorectification data and data preparation for Malaysian Armed Forces, public and other departments as well as private agencies.

The achievement for data acquisition activities for year 2015 is as follows:

NO.	ACTIVITY	AWT 2015 (SHEET)	ACHIEVEMENT (SHEET) (%)
1	Airborne Data Acquisition	403	409 (101%)
2	Field Completion Data Set Preparation	35	43 (122%)
3	Orthophoto Map Preparation	100	102 (102%)
4	DTM and DSM Data Preparation	100	102 (102%)
5	Data Preparation for Malaysian Armed Forces, Public and Other Departments/Private Agencies	500	681 (136%)
6	Islands Map Preparation	5 coverages	7 coverages (140%)

In 2015, a total of seven coverages for the purpose of mapping the national islands had been successfully completed. The table shows the names of the islands:

NO.	ISLAND NAME	STATE	COVERAGE
1	Pulau Talang Kechil	Johor	1
2	Pulau Talang Besar		
3	Pulau Lakei	Johor	2
4	Pulau Salak	Johor	3
5	Pulau Kalasah		
6	Pulau Sampadi	Sabah	4
7	Pulau Patok	Sabah	5
8	Pulau Jangau		
9	Pulau Satang Besar	Johor	6
10	Pulau Satang Kecil		
11	Pulau Tukong Ara		
12	Pulau Tukong Banun		
13	Pulau Talang-talang Besar	Johor	7
14	Pulau Talang-talang Kechil		



Example of DTM

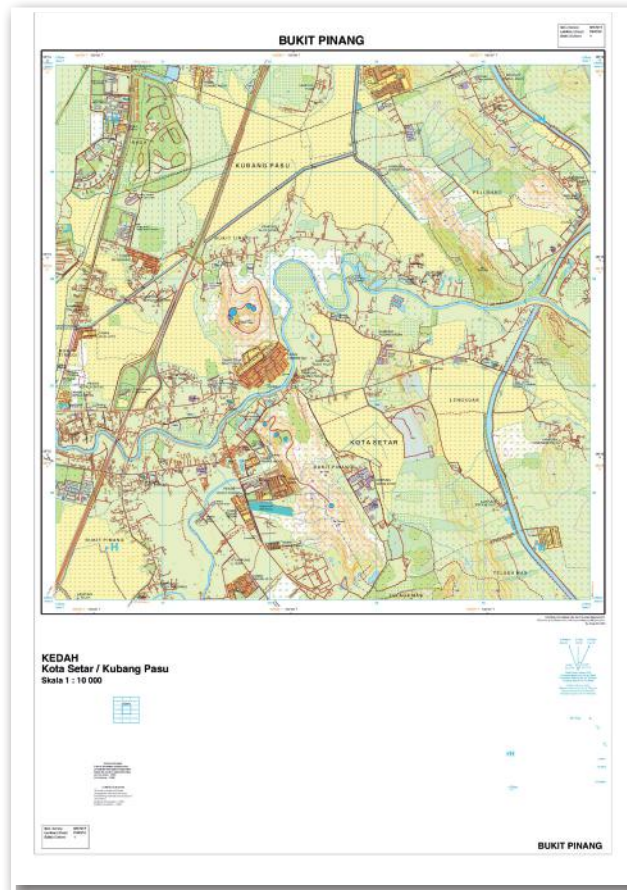


Example of Orthophoto Map

DATABASE

In line with the requirements of mapping and the Geographic Information System, JUPEM has created two types of databases namely the topographic and cartographic databases. The topographic database scale is 1:5 000, 1:10 000 and 1:25 000, and are produced by means of photogrammetry and survey work in the field. Topographic database will be utilised again in the map revision process and is the latest source of digital data obtained from JUPEM. Whereas the cartographic database is generated from the topographic database and published as printed maps at the scales of 1:10 000 and 1:50 000.

In the process of producing topographic and cartographic databases, editing need to be carried out on the topographic dataset using Gothic Lamps 2 software before validation and seamless process are conducted with Radius Studio software. Next, the 1:25 000 scale dataset will go through the process of generalisation into the 1:50 000 scale using Radius Clarity software. The result of the generalisation process is the cartographic dataset which will be arranged in the form of maps and are ready for proof print preparation.



The topographic data generated is based on the Malaysian Standard MS1759 – Feature and Attribute Codes where JUPEM is the custodian for the Built-Environment, Demarcation, Hypsography and Utility categories as well as being the lead agency for Aeronautical, Geology, Hydrography, Transportation, Vegetation and General categories.



The achievement for database development activities for year 2015 is as follows:

NO.	ACTIVITY	AWT 2015 (SHEET)	ACHIEVEMENT (SHEET) (%)
1	Updating of 1:50 000 Scale Database	80	80 (100%)
2	Updating of 1:25 000 Scale Database	50	68 (136%)
3	Updating of 1:5 000 & 1:10 000 Scale Database	100	100 (100%)
4	Updating of 1:5 000 & 1:10 000 Scale Database (outsourcing)	140	140 (100%)
5	Joint Border Mapping Database Preparation (JBM)	20	20 (100%)

TOPOGRAPHIC MAP UPDATING

This activity is conducted to update topographic information on the map sheet through field completion survey work. The updating work involves a variety of map series i.e. MY501T, MY701T, L808, MY511T and MY711T.

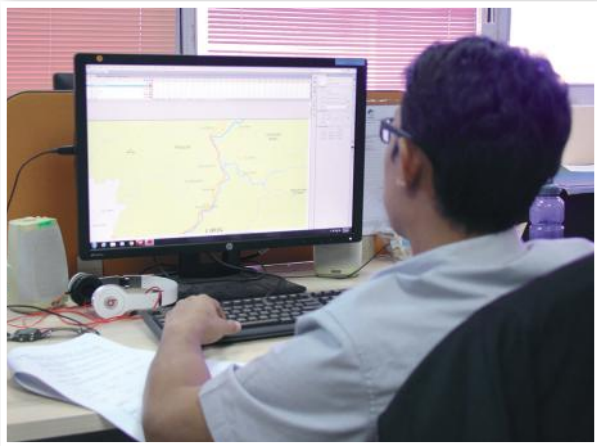
The achievement for updating topographic map activities for year 2015 is as follows:

ACTIVITY	AWT 2015 (SHEET)	ACHIEVEMENT (SHEET) (%)
Updating Topographic Map	90	90 (100%)



CARTOGRAPHY

Cartographic activities involve work such as cartographic editing, topographic map production, preparation of thematic databases and thematic map production.



The achievement for cartographic activities for year 2015 is as follows:

NO.	ACTIVITY	AWT 2015 (SHEET)	ACHIEVEMENT (SHEET) (%)
1	Preparation of Various Topographic Map Series Proofs Check	240	297 (124%)
2	Preparation of Various Topographic Map Series Print Data	240	266 (111%)
3	Preparation of Various Thematic Map Series Proofs Check	22	32 (145%)
4	Preparation of Various Thematic Map Series Print Data	22	25 (114%)
5	Electronic Map Publishing	25	25 (100%)
6	Webmap and eMap Publishing	3	3 (100%)

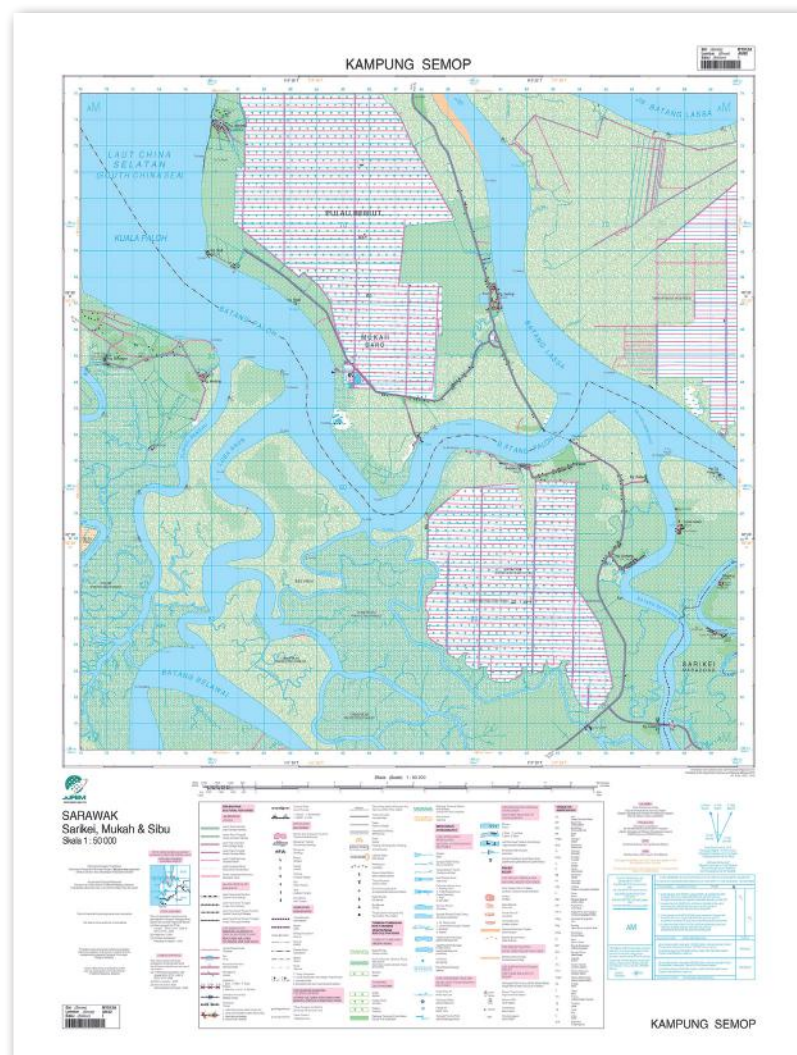
PRINTING

Printing works in JUPEM involves three main activities namely printing, pre-printing and post-printing. Apart from publishing printed maps, printing activities also involve the designing, processing and printing of various documents such as Berita Ukur, Annual Report, Compendium, decrees, security documents and other non-map products.



Topographic maps that were printed in 2015 are as follows:

NO.	SERIES	TOTAL SHEET	NOTE
1	L7030/DNMM5101	72	Reprint
2	MY501T/MY501A/MY502A	45	
3	MY701T/MY701A	80	
4	MY511T/MY511A/MY512A (Sabah)	24	
5	MY711T/MY711A (Sabah)	12	
6	MY511T/MY511A/MY512A (Sarawak)	65	
7	MY711T/MY711A (Sarawak)	8	
TOTAL		306	



Kg. Semop (Sarawak) Topographical Map

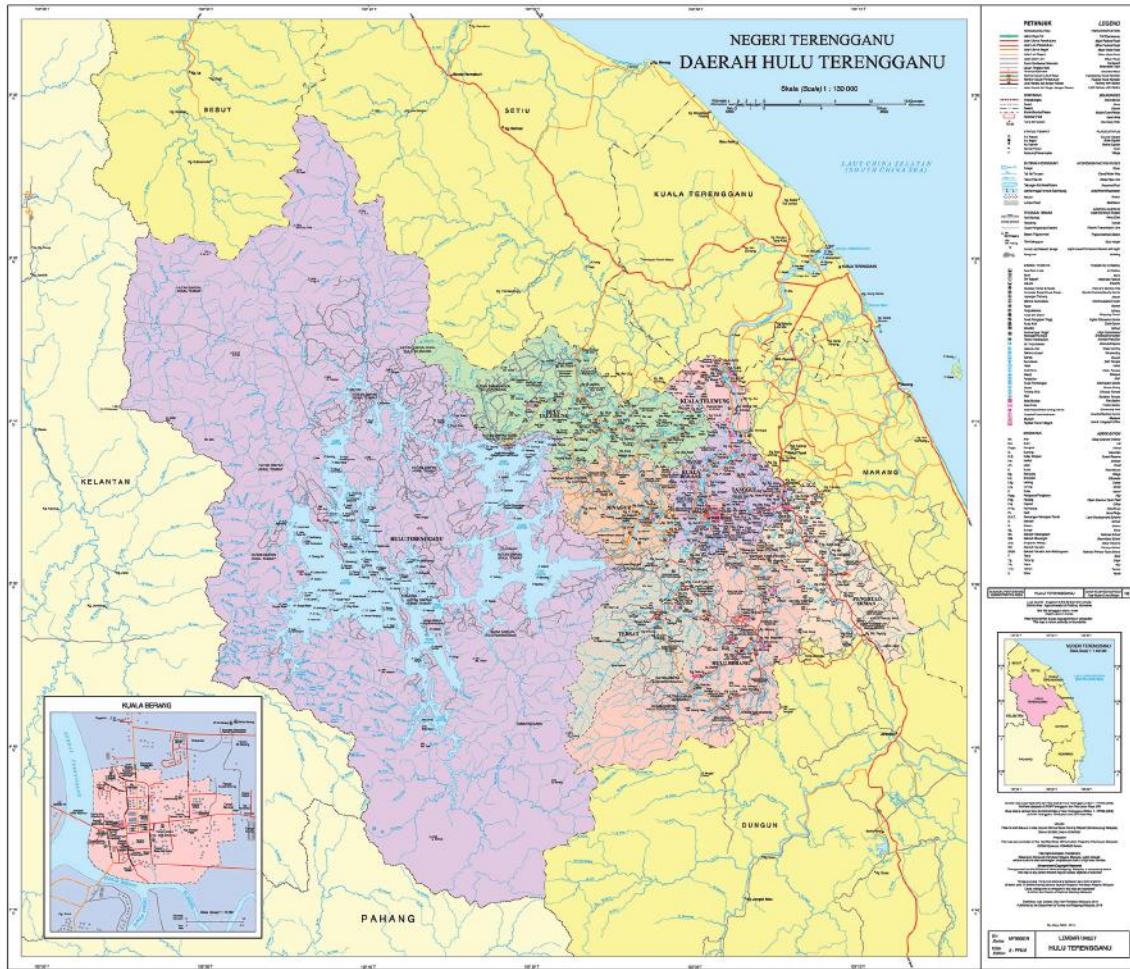
The details of the topographic maps printed are follows:

SERIES NO	STATE	SHEET NAME
MY502A	Perak	Pulau Sembilang, Yong Peng, Kuala Kangsar, Pantai Remis, Lenggong, Tapah
	Pahang	Kg. Gelinggang, Maran, Kg. Paluh Inai, Bandar Chini Timur, Bandar Pusat Jengka, Kg. Runchang, Felda Sg. Tekam, Kg. Padang Rumbia, Kuantan, Sg. Lembing, Kg. Tekek, Kg. Sri Jaya, Kg. Mengkebang, Gambang, Chenor, Ketari, Kuala Pahang, Bentong
	Kedah	Malau, Padang Mat Sirat, Kg. Teluk Bujor, Padang Besar
	Johor	Kg. Kudong, Kluang, Segamat, Tangkak, Bukit Kepong, Pasir Gudang, Mawai, Parit Jawa
	Kelantan	Tanah Merah, Manik Urai, Kuala Krai
MY512A	Sarawak	Sg. Serani, Bla-Num, Bukit Entimau, Long Lamai, Batang Baleh, Roban, Long Seridan, Lingga, Long Banga, Long Sukan, Kg. Biawak, Long Sinyut, Kg. Nyelitak, Kg. Lio Moto, Sg. Malarang, Sg. Akah, Bukit Jemang, Bukit Puai, Sg. Nakat, Lubuk Ipoh, Kg. Ramudu, Bukit Melatai, Long Moh, Long Sobing, Uma Bawang, Rumah Lusong Laku, Batu Talang, Sri Aman, Long Lelang, Kg. Hulu Nyalau, Nanga Trusa, Long Anap, Sarikei, Song, Kg. Long Pran, Kg. Long Daloh, Gunung Buda, Ba' kelalan, Kapit, Lubok Antu, Agek, Julau
	Sabah	Kg. Tatabuan, Kg. Gana, Kg. Tidung Dua, Kg. Tetagas, Pekan Baru Matunggong, Long Pasia, Kg. Rahmat, Kg. Pandiwan, Kg. Tiga Papan, Kg. Inarad, Kg. Suangsuka, Gunung Luis, Kg. Long Lohan, Tenom, Pulau Adal, Bandar Kembara Sakti, Long Teru, Kg. Sg. Imam, Fajar Harapan, Kg. Bolong, Sg. Sansiang, Kg. Selakan, Semporna
MY701A	Pulau Pinang	Pekan Darat
	Terengganu	Kuala Terengganu
	Selangor	Kg. Orang Asli Bukit Damar, Desa Putra Tengah, Shah Alam & Subang Jaya, Bandar Armada Putra, Pelabuhan Klang Utara, Kg. Baru Jenderam Hilir, Bandar Puteri, Town Villa 1, Tmn. Setia, Kg. Perepat, Puncak Alam, Sunway Kayangan, Kg. Sg. Pinang, Tmn. Air Hitam Permai, Pekan Meru
	Pahang	Langgar
MY701T	Pulau Pinang	Pekan Darat
	Terengganu	Kg. Paya, Kuala Terengganu
	Kedah	Kg. Gelok Air, Sala, Langgar
	Pahang	Ketari
	Selangor	Tmn. Air Hitam Permai, Sunway Kayangan, Subang Jaya & Shah Alam, Kg. Sungai Pinang, Town Villa 1, Kg. Perepat, Tmn. Setia, Bandar Puteri, Kg. Baru Jenderam Hilir, Pelabuhan Kelang Utara, Bandar Armada Putra, Kg. Sama Gagah, Kg. Dato Ahmad Razali, Kg. Orang Asli Bukit Damar, Desa Putra Tengah
MY711A	Sabah	Kg. Tinagalan, Kg. Tinagalan Laut, Kg. Patau-Patau Satu, Kg. Pinausok, Kg. Bantayan, Kg. Semporna, Kg. Jimpangan
	Sarawak	Kg. Jepak, Tmn. Metro, Sing Booh Garden, Kg. Jepak, Tmn. Wawasan

SERIES NO	STATE	SHEET NAME
MY711T	Sabah	Kg. Tinagalan Laut, Kg. Patau-Patau Satu, Kg. Bantayan, Semporna, Kg. Pinausok, Kg. Jimpangan
	Sarawak	Sing Boon Garden, Tmn. Metro, Tmn. Wawasan
	Kelantan	Kg. Batu Melintang, Gua Musang, Manik Urai, Dabong, Pos Betau, Tanah Merah, Pasir Puteh
	Terengganu	P. Perhentian Besar, P. Redang
	Kedah	Pokok Sena, Sik, Balik, Yan Besar, Kuala Perlis, Kuala Muda
	Perak	Lawin, Gunung Simalayang, Parit, Lenggong, Kuala Kangsar, Teluk Intan, Lumut, Pasir Gajah, Bkt. Mudin Besar, Gunung Besar, Pantai Remis, Tapah, Sitiawan, Parit Buntar, Kuala Sepetang
	Pahang	Nenasi, Kg. Teriang Besar, Pasir Akar, Tasik Bera, Maran Sungai, Jerantut, Bukit Cintawangsa, Bandar Pusat Jengka, Padang Tengku, Cegar Perah, Kg. Bantal, Pekan, Merapuh, P. Tioman, Kuala Rompin, Temerloh, Sg. Tekam, Chenor, Lancang, Sg. Tekai
	Selangor	Tg. Karang, Pasir Panjang, Bagan Nakhoda Omar, Banting
	Negeri Sembilan	Gemenceh, Port Dickson
	Johor	Kota Tinggi, Simpang Renggam, Batu Pahat, Yong Peng, Kg. Kahang Baru, Kluang, Pulau Tinggi, Mersing, Padang Endau, Sekudai, Kg. Penderas, Kg. Buluh, Muar, Bakri
	Perlis	Padang Besar
Melaka	Jasin	

Thematic maps that were printed in 2015 are as follows:

NO.	TYPE OF MAP	TOTAL
1	Political/State/Physical Map	4
2	District Map	12
3	Various Thematic Maps	23
	TOTAL	39



Hulu Terengganu District Map

Details of thematic maps printed in 2015 are as follows:

SERIES NO	MAP TYPE	SHEET NAME
MY90004R	JKR	Peta Jalan Raya Negeri Perlis, Selangor, Semenanjung Malaysia
MY90005R	State	Peta Politik Negeri Terengganu, Putrajaya dan W.P. Labuan
MY91001R	District	Putatan (Sabah), Kota Belud (Sabah), Selangau (Sarawak), Tatau (Sarawak), Saratok (Sarawak), Serian (Sarawak), Lawas (Sarawak), Mukah (Sarawak), Hulu Terengganu (Terengganu), Bintulu (Sarawak), Pasir Mas (Kelantan) dan Marudi (Sarawak)
TPC	L11-D (1)	Tactical Pilotage Chart
-	JMG	Peta Geologi Sabah, Peta Geologi Yong Peng, Peta Sumber Mineral Sabah and Peta Sumber Mineral Sarawak
-	SPR	Peta Pilihan Raya Negeri Sarawak
-	JBM	Sheets No: 42, 43, 4, 12, 41, 7, 2, 11, 13, 5, 3, 8, 10, 6, 9

The achievement for printing activities for year 2015 is as follows:

NO.	ACTIVITY	AWT 2015	ACHIEVEMENT
1	Topographic map printing	240	306 (127%)
2	Thematic map printing	22	39 (177%)
3	Non-map printing	160	193 (121%)

Pre-printing activities involve the designing and layout of print materials as well as the preparation of proofs and printing plates.

The achievement for pre-printing activities for year 2015 is as follows:

NO.	ACTIVITY	AWT 2015	ACHIEVEMENT
1	Desktop Publishing (DTP)	160	193 (121%)
2	Proofs	160	193 (121%)
3	Plates	1800	1842 (102%)

Post-printing activities involve book binding work after the printing process has been conducted.

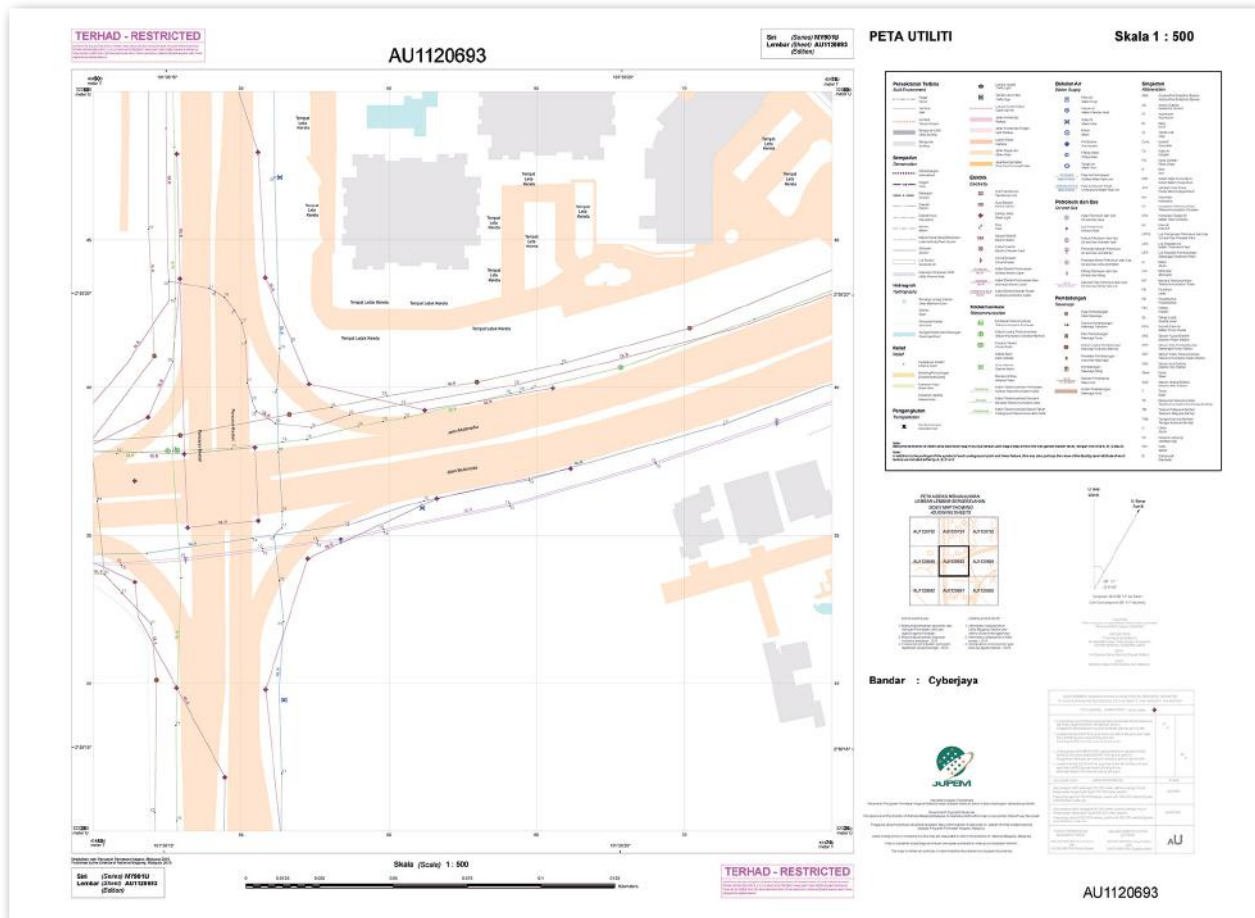
The achievement for post-printing activities for year 2015 is as follows:

ACTIVITY	AWT 2015	ACHIEVEMENT
Binding (Book)	70,000 (unit)	158,368 (226%)

UTILITY MAPPING

Utility mapping involves the process of acquiring and identifying types of installations and public utility service facilities that are embedded underground and providing utility information and position in digital or hard copy. A comprehensive and accurate information on utility installation position is required to help reduce and prevent service disruptions caused by damage to the utility installations during the execution of excavation work. The frequency of these damages also impairs the quality of people's life and negatively affects the nation's economy.





Utility Map for Cyberjaya Area

The achievement for utility mapping activities for year 2015 is as follows:

NO.	ACTIVITY	AWT 2015	ACHIEVEMENT
1	Utility data acquisition from utility agencies (updating)	Application submission, to obtain and to gather utility information for areas: <ol style="list-style-type: none"> 1. Lembah Klang 2. Kota Bharu 3. Kuantan 4. Kuala Terengganu 	100%
2	Uploading of utility and base map data into National Utility Database (PADU)	Conduct review, process and fully uploaded utility data for areas: <ol style="list-style-type: none"> 1. Lembah Klang 2. Kota Bharu 3. Kuantan 4. Kuala Terengganu 	100 % Utility data providers are Maajari Services Sdn. Bhd., Syabas Sdn. Bhd., Gas Malaysia Berhad, Indah Water Konsortium, Telekom Malaysia, Syarikat Air Terengganu Sdn. Bhd. and Paip Berhad

NO.	ACTIVITY	AWT 2015	ACHIEVEMENT
3	Base Map preparation scale 1:500	550 sheets for mono digitising works and editing topographic details from orthophoto. Targeted areas include: i. Sepang ii. Petaling Jaya	550 sheets (100%) i. Sepang – 125 sheets ii. Petaling Jaya – 425 sheets.
4	Detection and survey of underground utility installation in the field	112 km (Shah Alam, Petaling Jaya, Subang Jaya and Kajang area)	112.2 km (100%) i. Shah Alam – 19.2 km ii. Petaling Jaya – 3.1 km iii. Subang Jaya – 40.9 km iv. Kajang – 46 km v. Sarawak – 3 km
5	Cartographic editing for utility map preparation	60 sheets	64 sheets (107%) i. Putrajaya – 50 sheets ii. Cyberjaya – 14 sheets

The five years period achievement for 1:500 scale base map preparation activities is as follows:

YEAR	AWT	ACHIEVEMENT (SHEET)						TOTAL
		PUTRAJAYA	CYBERJAYA	KUALA SELANGOR	SHAH ALAM	SEPANG	PETALING JAYA	
2011	550	0	0	55	495	0	0	550
2012	550	25	0	0	193	0	332	550
2013	550	375	0	0	0	100	75	550
2014	550	48	0	0	0	502	0	550
2015	550					125	425	550
TOTAL		448	0	55	688	727	832	2750

The five years period achievement for utility maps publication is as follows:

YEAR	AWT (SHEET)	ACHIEVEMENT (SHEET)	AREA
2011	37	37	Putrajaya & Cyberjaya
2012	37	39	Putrajaya & Cyberjaya
2013	46	50	Putrajaya & Cyberjaya
2014	50	53	Putrajaya, Shah Alam & Cyberjaya
2015	60	64	Putrajaya & Cyberjaya
	TOTAL	243	

MAPPING SERVICES

Coordinating and Mapping Policy Division consists of three main components which include the Mapping Policy Section, Mapping Coordinating Section and National Map Library. Mapping Policy Section is responsible for coordinating policies and programmes related to mapping through the Mapping and National Spatial Data Committee Meeting (JPDSN). In addition, this Section coordinate the Mapping Division programmes, coordinate the publication of GIS Bulletin, enact legislation and circulars relating to the provision of Mapping and prepare Mapping's ISO and cabinet paper.

The Mapping Coordinating Section serves as secretariat for Mapping Division meetings and events besides planning and monitoring Mapping Division operating and development budgets. This section also monitor the KPI and AWT achievement for mapping activities, asset management, training and courses as well as releasing Mapping Instruction.

The National Map Library role is to provide resources or reference materials in the field of surveying and mapping, particularly to JUPEM employees and the public in general. National Map Library provides variety of books, technical journals and other publication materials related to surveying and mapping.

The achievement for mapping services activities for year 2015 is as follows:

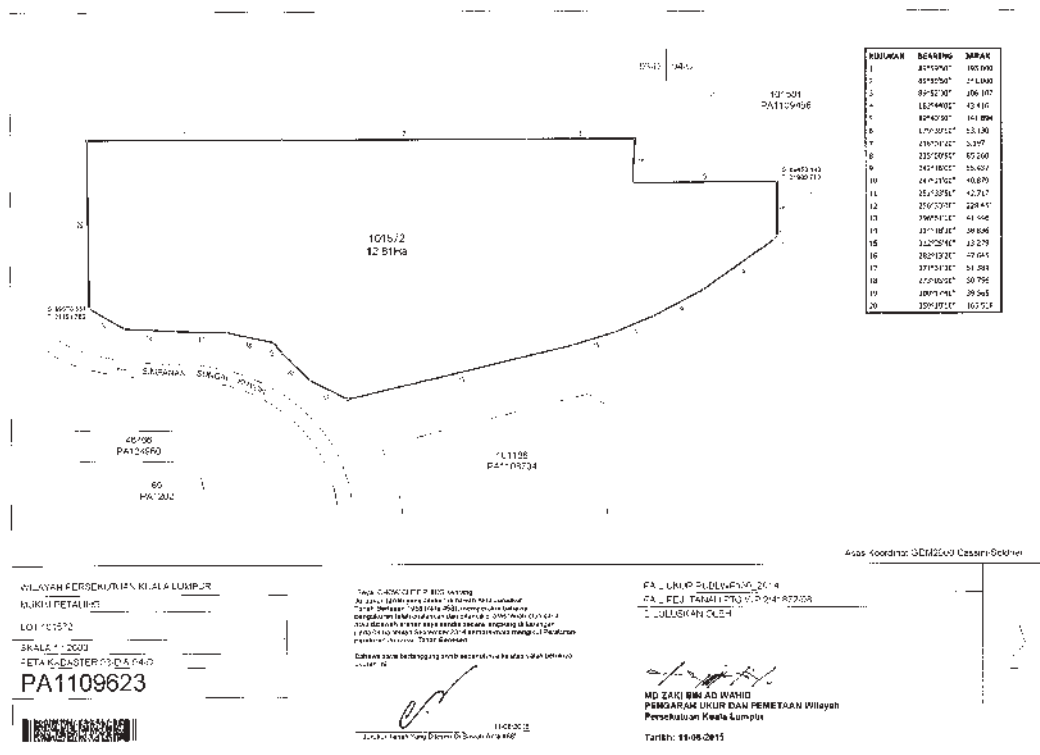
NO.	ACTIVITY	AWT 2015	ACHIEVEMENT
1	Topographic and thematic map proof checking (sheet)	360	370 (103%)
2	GIS Bulletin and JPDSN Publications (edition)	4	4 (100%)
3	Meeting Preparation (times)	16	26 (163%)
4	Library Collection Documentation (volume)	2,000	2,000 (100%)
5	Distribution of JUPEM's Publications Materials (copies)	3,300	3,300 (100%)
6	Library Services (Maps Procurement, Books, etc.) (copies)		
	<ul style="list-style-type: none"> i. Library Collections Development Acquisition (books/magazines/mapping materials) ii. Library Collection Materials Documentation in the Library System (ILMU) (books/publication series/topographic maps/AV materials/photographic materials) 	666	710 (106%)
		1,300	1,704 (131%)



CADASTRAL SURVEY

The success of JUPEM in developing and implementing the eKadaster system has provided a favourable impact on the overall performance of the Cadastre Division and JUPEM States. The system also managed to shorten the process of survey and preparation of land title plans, thereby producing a great impact to the development of a fast-growing nation.

The utilisation of latest wireless broadband technology, information and communication technology (ICT), Geographic Information Systems (GIS), Global Navigation Satellite System and latest survey system are features in the eKadaster system. It is also to establish the National Digital Cadastral Database (NDCDB) with the development of Cadastral Control Infrastructure (CCI) so that the NDCDB's Survey Accurate Coordinate is able to replace the non-homogenous State Digital Cadastral Database (PDUK). In addition, Cadastre Division also provides Cadastral Reference Mark Network (CRM) throughout Peninsular Malaysia and the Federal Territory of Labuan to empower NDCDB. While the strata titles survey works previously done manually is now digitally processed and stored in the Strata/Stratum/Marine Survey Database (PDUSSM).



Example of Certified Plan (CP) for Mukim Petaling, Federal Territory Kuala Lumpur

LAND TITLES SURVEY

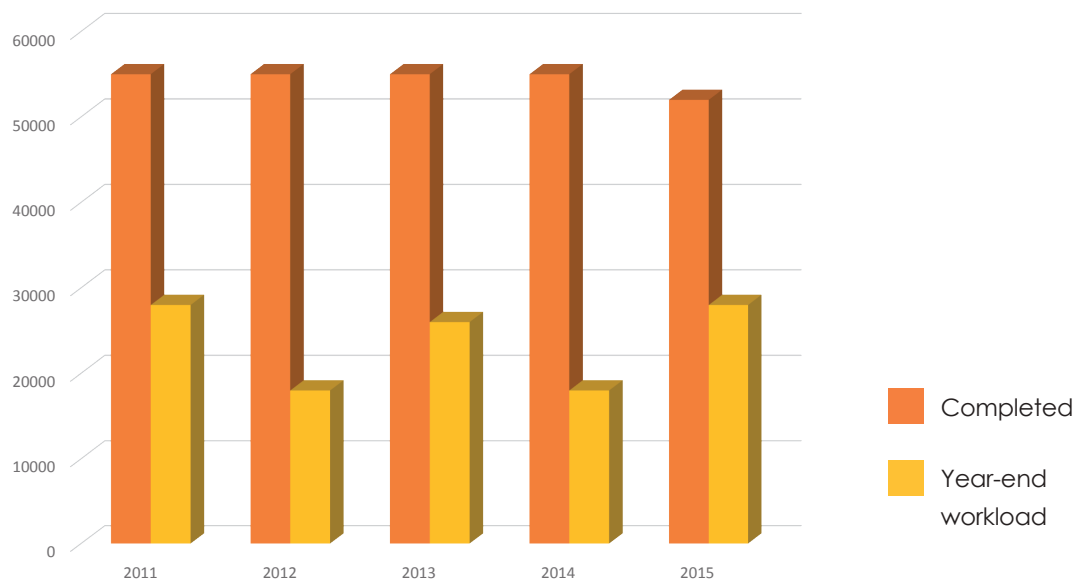
Progress achieved for Land Titles Survey activity for year 2015 was 51,307 lots or 98% from the annual target of 52,500 lots. Details on the performance and workload in accordance to JUPEMs' States are as follows:

NO.	STATE	AWT 2015 (LOT)	ACHIEVEMENT		WORKLOAD (LOT)
			(LOT)	%	
1	Johor	8,000	8,010	100	5,400
2	Kedah	5,500	5,532	101	1,951
3	Kelantan	6,500	6,667	103	4,109
4	Melaka	1,600	1,618	101	1,828
5	Negeri Sembilan	2,500	2,294	92	217
6	Pahang	6,100	6,214	102	1,337
7	Perak	7,200	7,440	103	2,904
8	Perlis	1,800	1,854	103	478
9	Pulau Pinang	500	287	57	421
10	Selangor	5,500	4,206	76	4,882
11	Terengganu	6,800	6,969	102	2,953
12	F.T. Kuala Lumpur/ Putrajaya	400	105	26	170
13	F.T.Labuan	100	111	111	55
	TOTAL	52,500	51,307	98	26,705

The comparison of performance and workload for land titles survey for the last five years:

YEAR	2011 (LOT)	2012 (LOT)	2013 (LOT)	2014 (LOT)	2015 (LOT)
Completed	54,730	55,007	55,764	55,969	51,307
Year-end Workload	28,303	17,151	24,996	16,012	26,705





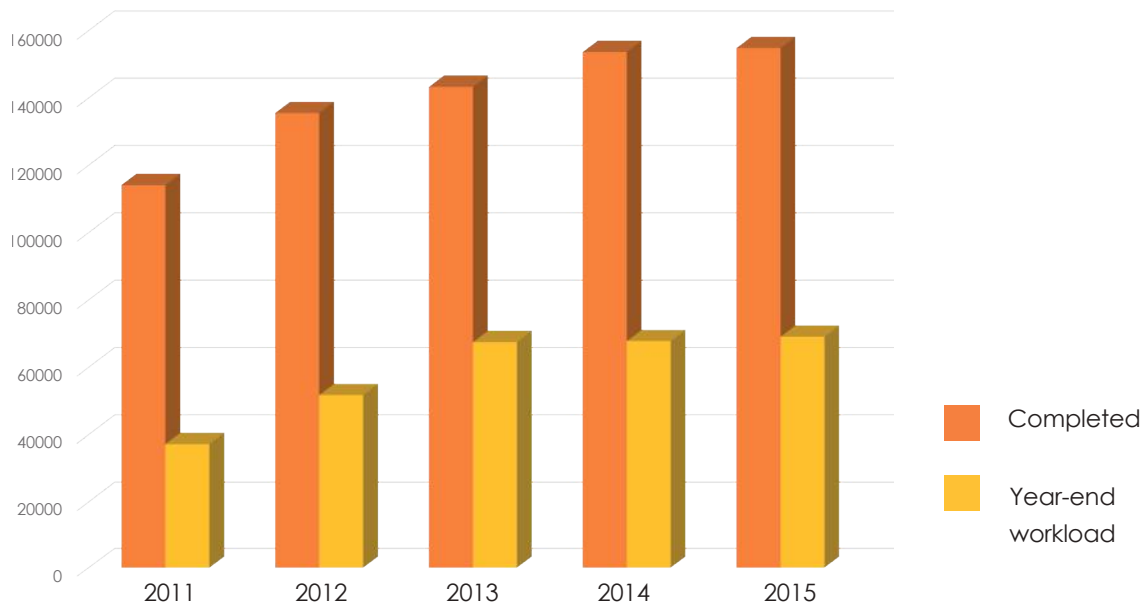
CHECKING OF LICENSED LAND SURVEYORS (LLS) SURVEY

The achievement for Checking of Licensed Land Surveyors (LLS) Survey activity for year 2015 was 154,848 lots or 101% from the annual target of 153,100 lots. Overall achievement in accordance to JUPEMs' States is as follows:

NO.	STATE	AWT 2015 (LOT)	ACHIEVEMENT		WORKLOAD (LOT)
			(LOT)	%	
1	Johor	25,000	25,327	101	12,477
2	Kedah	16,500	12,121	73	3,034
3	Kelantan	10,000	11,148	111	2,587
4	Melaka	5,500	6,350	115	1,341
5	Negeri Sembilan	9,000	9,657	107	4,888
6	Pahang	10,000	14,159	142	1,793
7	Perak	20,000	20,806	104	13,868
8	Perlis	1,200	1,635	136	363
9	Pulau Pinang	7,000	5,178	74	2,251
10	Selangor	36,300	33,112	91	22,523
11	Terengganu	12,000	14,613	122	3,823
12	F.T. Kuala Lumpur/ Putrajaya	500	663	133	169
13	F.T.Labuan	100	79	79	2
TOTAL		153,100	154,848	101	69,119

The comparison of performance and workload for checking of Licensed Land Surveyors (LLS) survey for the last five years:

YEAR	2011 (LOT)	2012 (LOT)	2013 (LOT)	2014 (LOT)	2015 (LOT)
Completed	114,165	135,566	143,324	153,667	154,848
Year-end Workload	37,220	51,759	67,481	67,799	69,119



CHECKING OF LEVEL I STRATA TITLES SURVEY

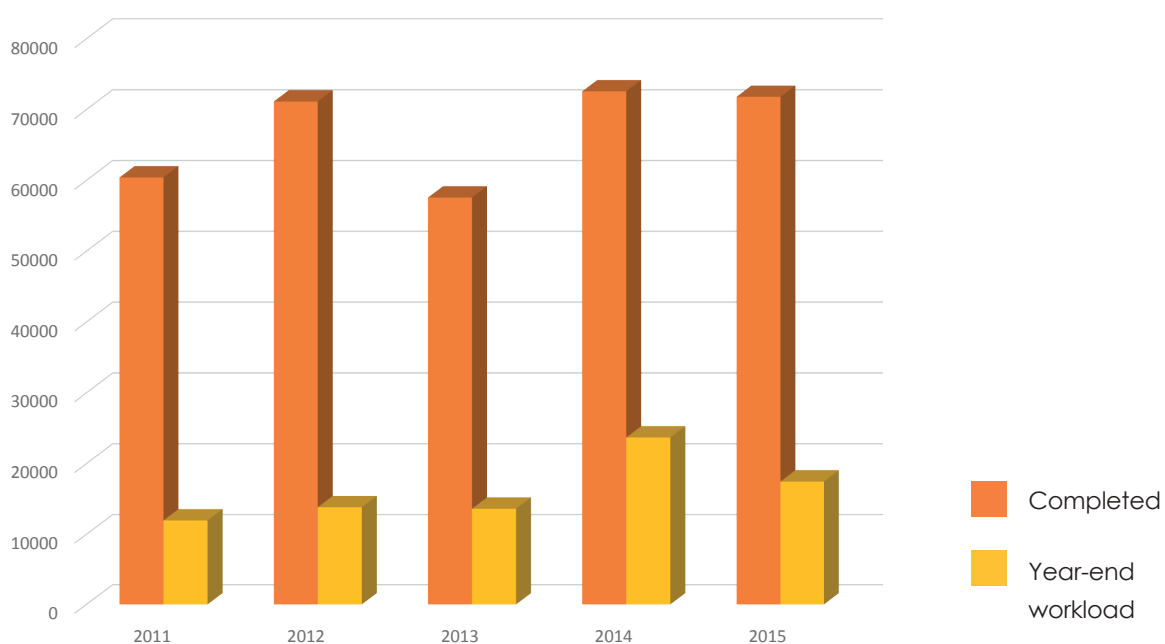
The 2015 achievement for Checking of Level I Strata Titles Survey was 71,810 parcels or 109% of the annual target of 65,600 parcels. Details on the performance and workload according to JUPEMs' States are as follows:



NO.	STATE	AWT 2015 (PARCEL)	PRESTASI		WORKLOAD (LOT)
			(PARCEL)	%	
1	Johor	8,000	8,754	109	0
2	Kedah	1,000	432	43	0
3	Kelantan	1,000	262	26	0
4	Melaka	1,700	2,659	156	0
5	Negeri Sembilan	1,300	1,393	107	0
6	Pahang	3,000	762	25	0
7	Perak	1,300	2,840	218	17
8	Perlis	0	0	0	0
9	Pulau Pinang	8,000	7,355	92	213
10	Selangor	25,000	29,611	118	14,052
11	Terengganu	300	24	8	814
12	F.T. Kuala Lumpur/Putrajaya	15,000	17,718	118	2,386
13	F.T.Labuan	0	0	0	0
TOTAL		65,600	71,810	109	17,482

The comparison of performance and workload for checking of level I strata titles survey for the last five years:

YEAR	2011 (PARCEL)	2012 (PARCEL)	2013 (PARCEL)	2014 (PARCEL)	2015 (PARCEL)
Completed	60,426	71,149	57,585	72,586	71,810
Year-end Workload	11,985	13,850	13,637	23,700	17,482





CHECKING OF LEVEL II STRATA TITLES SURVEY

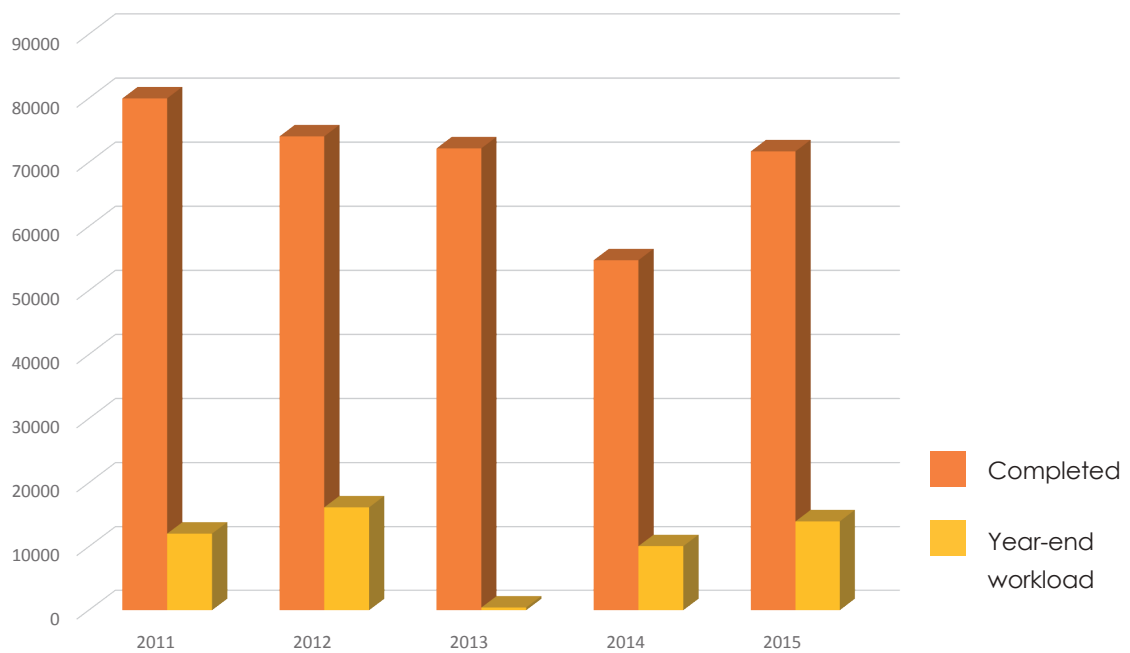
Level II involved the Checking of Strata Certified Plans and Preparation of Strata Titles Documentation. The preparation of Strata Titles Documentation in 2015 achieved 71,730 parcels or 111% of 64,875 parcels annual target.

Details on the performance and workload in accordance to JUPEMs' State are as follows:

NO.	STATE	AWT 2015 (PARCEL)	ACHIEVEMENT		WORKLOAD (PARCEL)
			(PARCEL)	%	
1	Johor	4,500	4,717	105	2,000
2	Kedah	1,100	863	78	0
3	Kelantan	555	0	0	0
4	Melaka	1,200	1,745	145	0
5	Negeri Sembilan	1,300	1,316	101	160
6	Pahang	2,500	2,527	101	0
7	Perak	580	662	114	188
8	Perlis	0	0	0	0
9	Pulau Pinang	9,000	9,718	108	2,741
10	Selangor	27,000	27,451	102	5,036
11	Terengganu	140	37	26	0
12	W.P. Kuala Lumpur/ Putrajaya	17,000	22,694	133	3,874
13	W.P.Labuan	0	0	0	0
TOTAL		64,875	71,730	111	13,999

The comparison of performance and workload for checking of level II strata titles survey for the last five years:

YEAR	2011 (PARCEL)	2012 (PARCEL)	2013 (PARCEL)	2014 (PARCEL)	2015 (PARCEL)
Completed	80,001	74,069	72,205	54,745	71,730
Year-end Workload	12,076	16,189	441	10,108	13,999



CRM CONTROL POINT ESTABLISHMENT

CRM (Cadastral Reference Mark) control point observations are carried out to enhance the precision and accuracy of NDCDB (National Digital Cadastral Database) in all JUPEMs' States. Observation performance for year 2015 is as follows:

STATE	CRM CONTROL POINT	
	FILE	CONTROL POINT
Johor	2,696	11,585
Kedah	651	1,741
Kelantan	1,774	4,627
Melaka	177	582
Negeri Sembilan	1,988	6,459
Pahang	2,222	7,637
Perak	1,701	5,757
Perlis	107	319
Pulau Pinang	499	1,374
Selangor	2,780	9,819
Terengganu	1,549	5,451
F.T. Kuala Lumpur/Putrajaya	376	1,059
F.T. Labuan	209	471
TOTAL	16,729	56,881

NATIONAL DIGITAL CADASTRAL DATABASE (NDCDB)

The number of lots that had been updated into the National Digital Cadastral Database till 31 December 2015 is as follows:

STATE	NUMBER OF LOTS IN NDCDB
Johor	1,221,927
Kedah	697,384
Kelantan	600,391
Melaka	324,494
Negeri Sembilan	523,111
Pahang	602,679
Perak	1,013,852
Perlis	78,509
Pulau Pinang	329,286
Selangor	1,262,609
Terengganu	479,792
F.T. Kuala Lumpur/Putrajaya	176,165
F.T. Labuan	12,256
TOTAL	7,322,455



DEFENCE GEOSPATIAL DIVISION

Defence Geospatial Division (BGSP) has continuously implemented programmes and activities that are significant in serving geospatial defence to the ATM through the following approaches:

- i. Empowering databases and publishing various quality, relevant and precise maps and products to meet the needs of defence and security.
- ii. Continuing the defence geospatial services assistance in the field for military operations, crisis management, defence planning and training; and in enforcement activities and implementation of geospatial data security clearance.
- iii. Continuing the uGeo for Defence master plan programme for BGSP future development until 2020 to realise the digital and integrated services potential for ATM readiness.

MAP AND DATA PUBLICATION FOR DEFENCE AND SECURITY

BGSP continued to produce defence geospatial products in hardcopy and softcopy in year 2015 inclusive of small-scale hardcopy maps. The aim is to produce military version topographic map with scale 1: 50 000 through survey, updating and map production activities.

The activities involved are as follows:

- i. Creating and updating of Vector Smart Map (VMap) and Vector Interim Terrain Data (VITD) for the whole areas of Malaysia derived from MY501T series digital data. VMap data is used to develop and produce Topographic Line Map while VITD data is used to develop and produce analysis products in Geospatial Mobile System (GSMS) during geospatial services assistance in the field.
- ii. To publish Topographic Line Map (TLM) and Common Operations Map (COM) with scale 1:50 000. This map publication is based on the concept of product on demand from users.
- iii. To publish military topographic map with scale 1: 100 000 for Army Air Forces.
- iv. To publish military thematic maps of various scale for the purpose of training, planning and management of ATM.

The achievement for these activities for year 2015 is as follows:

NO.	ACTIVITY	AWT 2015	ACHIEVEMENT
1	Creating and Updating:		
	a. VMap Level 2 b. VITD Level 2	95 Sheets(Siri MY) 95 Sheets (Siri MY)	100% 100%
2	Map Publishing:		
	a. Topographic Line Map b. Common Operation Map	22 Sheets 22 Sheets	100% 100%
3	Military Topographic Map Scale of 1:100 000 Publications	1 sheet	100%
4	Various Scale Military Thematic Map Publications	9 sheets	100%

DEFENCE GEOSPATIAL SERVICES

Enforcement of Security Instructions Circular of Classified Geospatial Documents

Enforcement of Security Instructions Circular of Classified Geospatial Document for year 2015 include the following activities:

- i. Processing of mapping and geospatial data collection permit

This activity involves application vetting for all individuals and public/private agencies except ATM and PDRM (referring to paragraph 12 of Security Instructions No.1 of 2007) for the following:

- a. Air flight platform whether using airplanes, helicopters, Unmanned Aerial Vehicle (UAV) and any other flight platform to assign a flight attendant.
 - b. Geospatial data collection in the field to be used in GPS gadget and display on Google Streets View.
 - c. Security screening on Classified Geospatial Documents including the screening of geospatial data from public and private agencies such as aerial photograph/mosaic/orthophoto and map proof to be distributed to users or to be issued free of R and Y restrictions (Protected Areas, Protected Places and Prime Targets).
- ii. Updating the R and Y Restrictions Database in three years involving the area of Kuala Lumpur, Selangor and Melaka. To date 334 relevant areas has been updated. Details of the achievement is as follows:

NO.	STATE	PRIME TARGETS (SP)	PROTECTED AREAS (KL)	PROTECTED PLACES (TL)	TOTAL
1	Kuala Lumpur	15	53	61	129
2	Selangor	56	39	29	124
3.	Melaka	13	26	42	81
	TOTAL	84	118	132	334

iii. Creating a database for 100 classified geospatial data holders starting from 2012 to present date (2015).



The achievement for these activities for year 2015 is as follows:

NO.	ACTIVITY	AWT 2015	ACHIEVEMENT
1	Issuing of mapping and geospatial data collection permit	153 Permits	153 (100%)
2	State's R and Y Restrictions database updating (prime targets, protected areas/places)	3 States	3 (100%)
3	Creating classified geospatial data holders database	100 Holders	100 (100%)



Technical Advisory Service to ATM

BGSP is responsible to provide assistance and technical advisory services to the geospatial defence systems and ATM modern weaponry that use geospatial services. These activities targeted two (2) systems implemented according to the following phases:

- Armoured Personnel Carrier (APC8X8) Project.
- Airbus A400m Procurement Project.

The achievement for these activities for year 2015 is as follows:

ACTIVITY	AWT 2015	ACHIEVEMENT
Monitoring and providing technical advice to the procurement of ATM defence systems on defence geospatial data needs	Armoured Personnel Carrier (APC8X8) Project	50%
	Airbus A400m Procurement Project	100%

WEB SERVICES

Web Services involved geospatial services on web usage through BGSP portal known as uGeo for Defence Portal. To date three specific portals for the usage by the army, navy and air force have been established and are already in operation during of the lost MH 370 aircraft tragedy. In 2015, the aim was to develop a Web GIS for ESSCOM and 5th Brigade Formation Headquarters used where both are located in Sabah. This Web GIS development will be upgraded to provide user friendliness concept by adding data information and map as well as the appropriate tools through BGSP Portal known as BGSP Portal GeoHomepage in the Interim Data Production Capability (IDPC) Project.

The achievement of these activities for year 2015 is as follows:

NO.	ACTIVITY	AWT 2015	ACHIEVEMENT
1	Web Services	Web GIS Module for ESSCOM (Collaboration with JUPEM Sabah – Aerial Photograph)	100%
		Web GIS Module for boundary mark acquisition for 5th Briged	100%

DEFENCE GEOSPATIAL SERVICE ASSISTANCE IN THE FIELD

BGSP Involvement in ATM Level Operation and Training

BGSP is continuously carrying out training activities to expose officers and staff in actual situations of geospatial services assistance in the battlefield. In this year, five (5) operations and training activities had been carried out. Details of the involvement in year 2015 are as follows:

- i. *Ops Murni* in Temerloh, Pahang on 7 to 9 January 2015.
- ii. *Ops Banjir Pantai Timur* on 12 to 19 January 2015.
- iii. *Ops PESAMA LIMA* on 20 to 22 July 2015 in Butterworth, Pulau Pinang.
- iv. *Projek Khas Kesan Gempa Bumi* on 15 to 30 June 2015 at Gunung Kinabalu, Sabah.
- v. *Ex Land Strike* on 7 to 11 September 2015.

BGSP Involvement in Data Capture Services

Data capture activities are conducted with UAV, IkerGPS and Trimble GPS to acquire and to update geospatial data in BGSP. In year 2015, BGSP had provided services with the use of UAV and Trimble equipment for 18 times to help agencies within NRE and NCO ATM project.

The overall progress of these activities for year 2015 is as follows:

NO.	ACTIVITY	AWT 2015 (TIMES)	ACHIEVEMENT
1	Geospatial Field Services for ATM Operations and Training	7	7 times (100%)
2	Geospatial Data Capture Services	12	18 times (150%)





uGEO for Defence Capability Development

Through the implementation of this programme, BGSP is involved directly in providing defence geospatial information and services to ATM. Amongst the uGeo for Defence programme scopes in the initial phase for this activity are:

- i. Human Capital Development
- ii. Outreach Programme
- iii. Seminar
- iv. Defence Geospatial Committee Meeting
- v. Integrated Defence Geographic Information System
- vi. Defence Geospatial Policy and Doctrine
- vii. Defence Geospatial Development Program



The achievement of these activities for year 2015 is as follows:

NO.	ACTIVITY	AWT 2015	ACHIEVEMENT
1	Human Capital Development Oversea Seminar Domestic Seminar Domestic Course	1 Time 4 Times 25 Times	1 Time (100%) 5 Times (125%) 48 Times (192%)
2	Outreach Programme Outreach Programme	10 Sessions	8 Sessions (80%)
3	Seminar Geospatial Seminar	1 Time	1 Time (100%)
4	Defence Geospatial Committee Meeting	1 Time	1 Time (100%)
5	Integrated Defence Geographic Information System (DGIS) with ATM Network Centric Operation (NCO) project	Implementation - Phase 2 Lab	100%
6	Defence Geospatial Development Programme	3 Programmes	2 Programmes (70%)



FINANCIAL REPORT



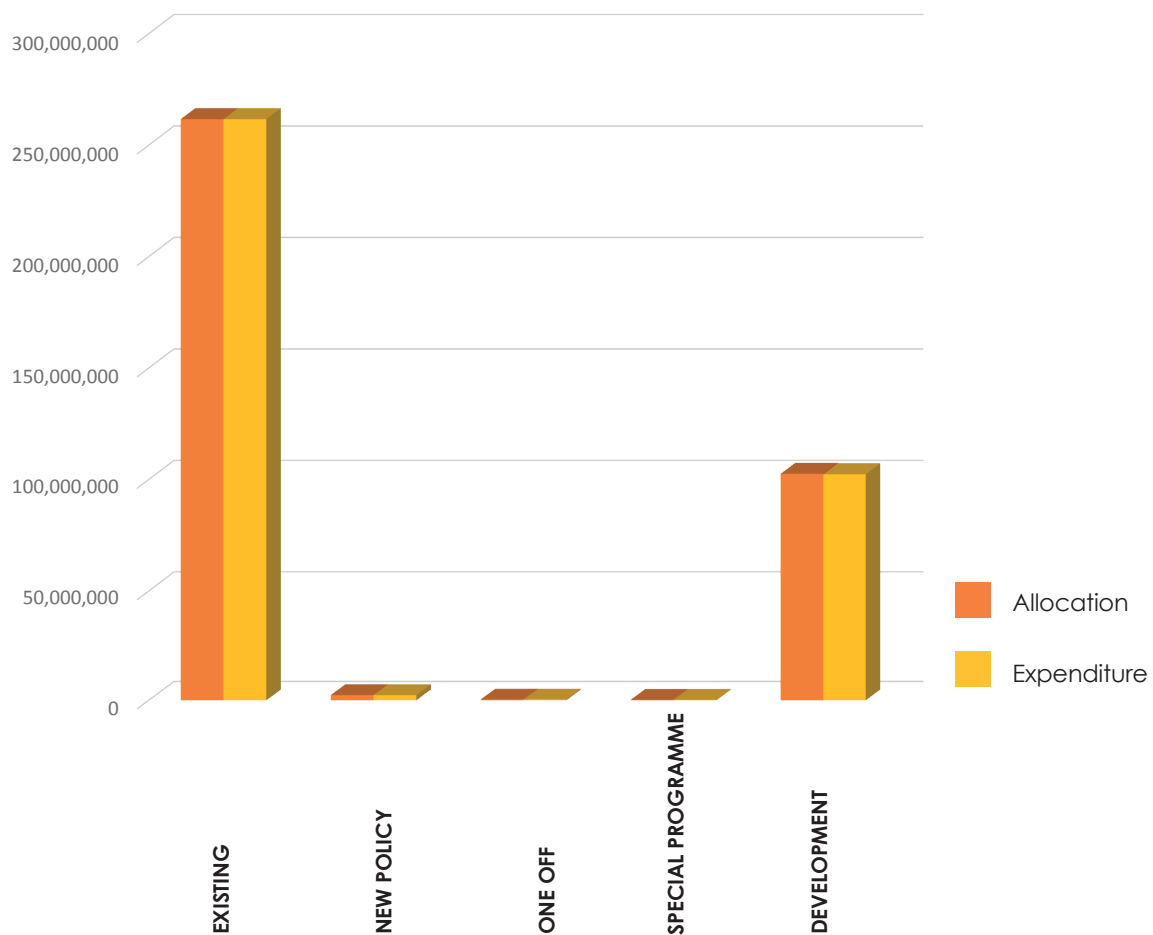
FINANCIAL MANAGEMENT

JUPEM received a financial allocation of RM 367,607,270.00 for the year 2015 covering Operating Expenditure (RM 264,921,470.00) and Development Expenditure (RM 102,685,800.00). Of this amount and up to 31 December 2015, RM 367,390,385.01 (99.94%) was spent.

Details of the allocation distribution and the achievement of the overall expenses are as follows:

ALLOCATION DISTRIBUTION	ALLOCATION RM	EXPENDITURE	
		RM	(%)
Existing	261,749,730.00	261,740,675.97	100.00
New Policy	2,431,690.00	2,431,680.78	100.00
One-Off	436,750.00	436,749.98	100.00
Specific Programme	303,300.00	293,111.97	96.64
Development	102,685,800.00	102,488,166.31	99.81
OVERALL TOTAL	367,607,270.00	367,390,385.01	99.94

Financial performance in 2015 is as follows:



OPERATING EXPENDITURE

An allocation of RM 264,921,470.00 under Operating Expenditure was approved in the year 2015 for expenditure on emoluments, services and supplies, grants and fixed allowances as well as other expenses. In addition, allocations were also approved for the acquisition of assets and expenses under one-off.

Details of allocation and operating expenditure spending in 2015 are as follows:

EXISTING

GENERAL OBJECT	ALLOCATION (RM)	EXPENDITURE	
		(RM)	(%)
Emoluments	195,150,940.00	195,142,321.00	100
Services & Supplies	66,529,060.00	66,528,638.86	100
Grants And Fixed Allowances	69,730.00	69,716.11	99.98
TOTAL	261,749,730.00	261,740,675.97	100

NEW POLICY

GENERAL OBJECT	ALLOCATION (RM)	EXPENDITURE	
		(RM)	(%)
Services & Supplies	2,431,690.00	2,431,680.78	99.99
TOTAL	2,431,690.00	2,431,680.78	99.99

ONE-OFF

GENERAL OBJECT	ALLOCATION (RM)	EXPENDITURE	
		(RM)	(%)
Oversea Courses	436,750.00	436,749.98	100.00
TOTAL	436,750.00	436,749.98	100.00

SPECIFIC PROGRAMME

GENERAL OBJECT	ALLOCATION (RM)	EXPENDITURE	
		(RM)	(%)
Contract Employee Emoluments	303,300.00	293,111.97	96.64
TOTAL	303,300.00	293,111.97	96.64

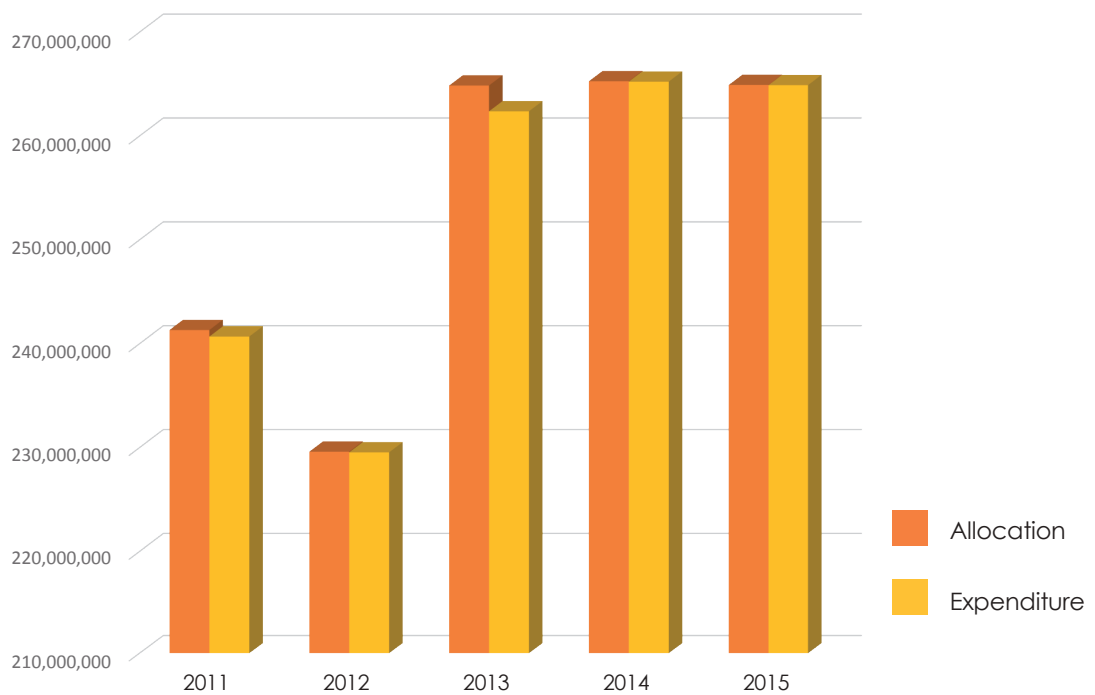
The overall achievement of operating expenditure allocation activities is as follows:

ACTIVITY	ALLOCATION (RM)		EXPENDITURE (RM)	
				(%)
Existing	261,749,730.00		261,740,675.97	100.00
New Policy	2,431,690.00		2,431,680.78	99.99
One-Off	436,750.00		436,749.98	100.00
Specific Programme	303,300.00		293,111.97	96.64
OVERALL TOTAL	264,921,470.00		264,902,218.70	99.99

The operating expenditure for the last five years is as follows:

YEAR	ALLOCATION	EXPENDITURE	PERCENTAGE (%)
2011	241,327,070.00	240,697,761.25	99.74
2012	229,609,050.00	229,544,487.01	99.98
2013	264,863,999.00	262,383,633.48	99.06
2014	265,281,160.00	265,241,750.77	99.98
2015	264,921,470.00	264,902,218.70	99.99

The total allocation and expenditure for the last five years is as shown in the following chart:



DEVELOPMENT EXPENDITURE

A total of RM 102,685,800.00 was allocated for Development Expenditure in year 2015 to implement development projects in the Fourth Rolling Plan of the 10th Malaysia Plan (RMK-10).

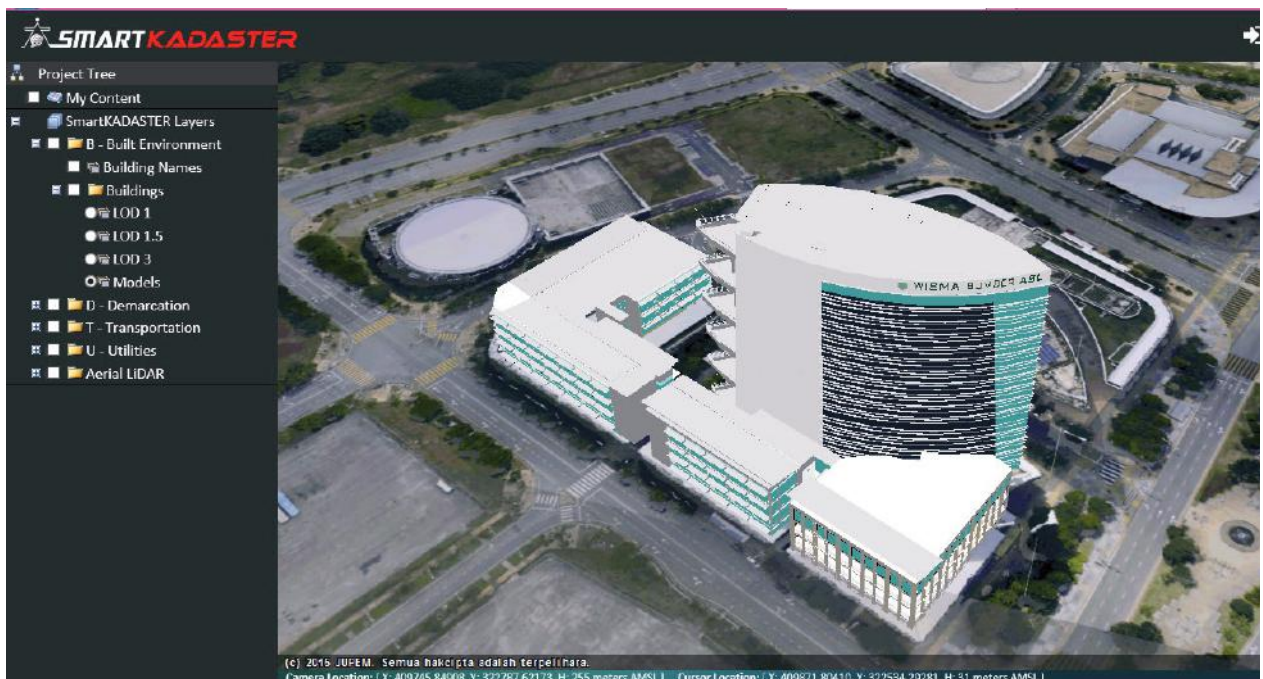
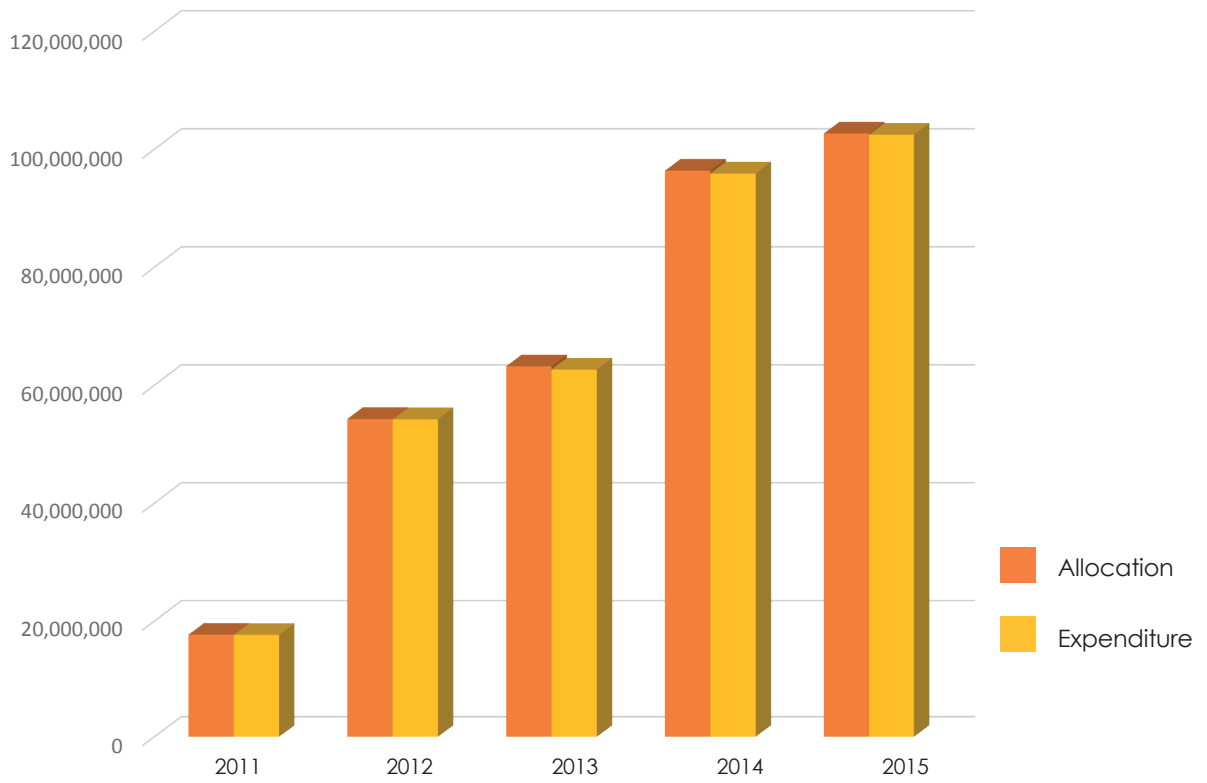
The list of projects, allocation and expenditure are as follows:

DETAILS / PROJECT NAME	ALLOCATION (RM)	EXPENDITURE	
		(RM)	(%)
International Boundary (Land and Maritime) Demarcation and Survey Projects Between Malaysia And Neighbouring Countries	11,026,600.00	10,968,420.37	99.47
Empowering of the National Digital Cadastral Database	19,493,400.00	19,493,400.00	100.00
ICT Enterprise Integrated System for JUPEM (IEIS)	3,278,300.00	3,176,457.78	96.89
e-Mapping	31,167,100.00	31,129,488.16	99.87
Marine Geodetic Infrastructure In Malaysian Waters (MAGIC)	9,994,200.00	9,994,200.00	100.00
Geodetic Database System (SPDG)	7,348,264.00	7,348,264.00	100.00
Geospatial Information Development for Security	20,377,936.00	20,377,936.00	100.00
TOTAL	102,685,800.00	102,488,166.31	99.81

The development expenditure for the last five years is as follows:

YEAR	ALLOCATION	EXPENDITURE	PERCENTAGE (%)
2011	17,695,525.00	17,660,229.65	99.80
2012	54,284,000.00	54,232,243.35	99.90
2013	63,214,000.00	62,666,883.77	99.13
2014	96,391,905.00	95,900,907.14	99.49
2015	102,685,800.00	102,488,166.31	99.81

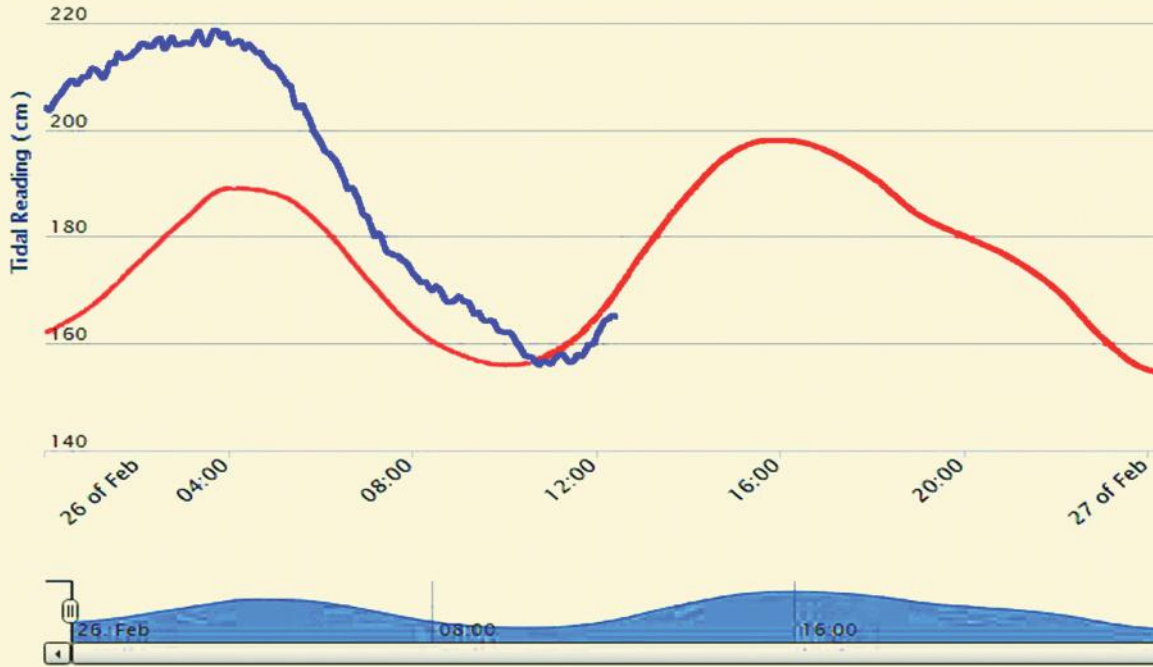
The total allocation and expenditure for the last five years is shown in the following chart:



SmartKadaster Pilot Project for Federal Territory Kuala Lumpur area

Real Time Tidal Reading – Station Bintulu

Date Filtered : 25/02/2015 – 26/02/2015



Telemetry: Bintulu Station Tide Reading



Aerial photo of Temerloh, Pahang taken with Unmanned Aerial Vehicle (UAV)

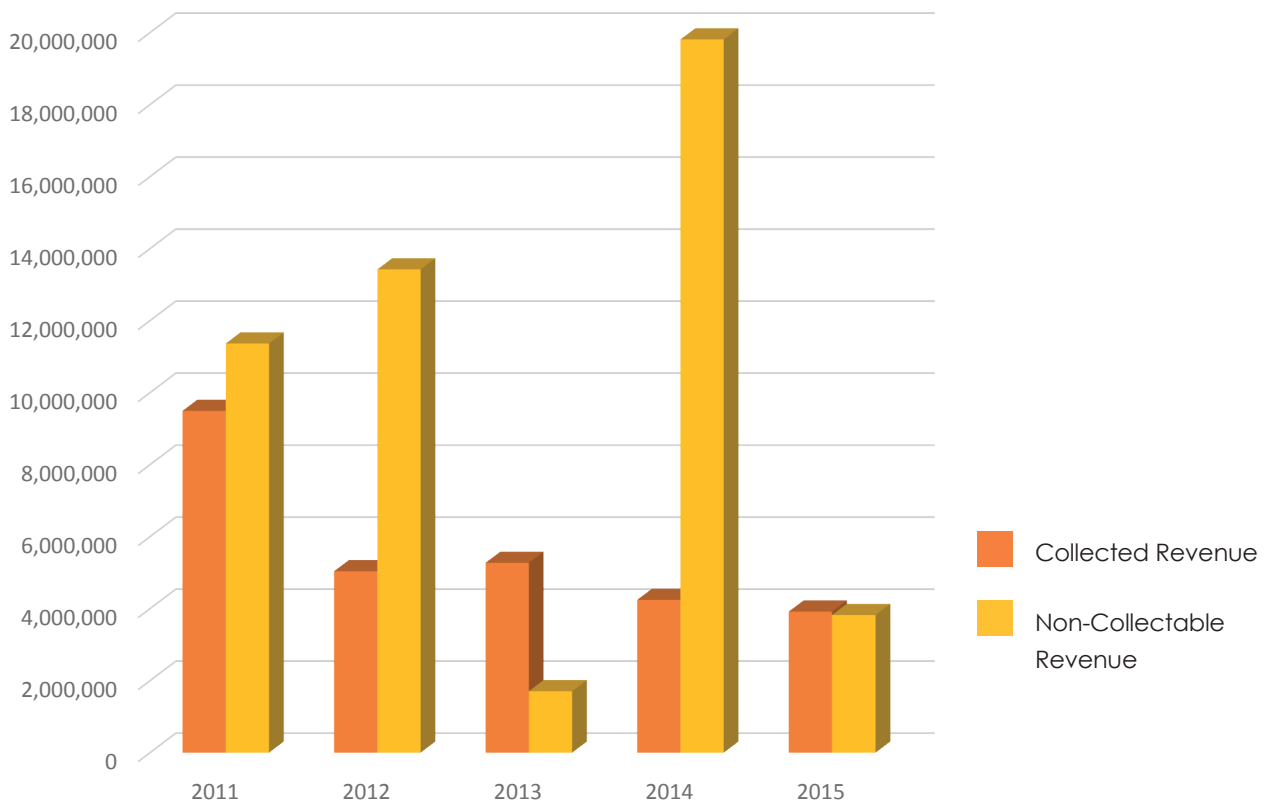
REVENUE

In year 2015, JUPEM successfully collected RM 7,744,671.74 in revenue from the sales of maps, certified plans, aerial photographs, geodetic and astronomical data, survey fees, as well as other services inclusive of payment for licensing or permit from the sale of digital data. However, from the said total, the actual revenue collected was only RM 3,919,771.54 with RM 3,824,900.20 as non-collectable revenue and is categorised as income from services where fees exempted under the provisions of the law.

The details for revenue collected for JUPEM (JUPEM's Headquarters and JUPEM's States) for the last five years:

YEAR	COLLECTED REVENUE	NON-COLLECTABLE REVENUE	TOTAL
2011	9,495,794.90	11,367,195.18	20,862,990.08
2012	5,040,601.41	13,425,495.25	18,466,096.66
2013	5,276,162.57	1,707,699.75	6,983,862.32
2014	4,247,076.00	19,812,787.69	24,059,863.69
2015	3,919,771.54	3,824,900.20	7,744,671.74

The revenue breakdown for the last five years is shown in the following chart:





**AWARDS AND
RECOGNITION**

AWARDS AND RECOGNITION

Throughout 2015, JUPEM received several awards for its achievement in various fields. The achievement and recognition throughout the year 2015 were a manifestation and commitment of all JUPEM denizens to the department in particular and the public service in general. Among the awards and recognitions JUPEM received are as follows:

NO.	CATEGORY	LEVEL
1	Special Achievement in GIS or SAG Awards	International
2	Gold Award and Akrab Best Practices Winner (ATA) in conjunction with AKRAB Convention	National
3	Northern Region Team Excellence Convention Gold Award – JUPEM Kedah	National (North Zone)
4	MOSTI Inclusive Innovation Challenge Competition 2015 – JUPEM Pulau Pinang	National (Third Place)
5	Three-star Gold Award in National Excellence Team Convention (NTEx) in conjunction with Annual Productivity and Innovation Conference and Exhibition (APIC) 2015 – JUPEM Kedah	National
6	Inspectorate Certificate of Excellence Award 2015 (Sabah Topographic Mapping Division), Clean Inspectorate Certificate of Excellence Award (Sandakan Regional Topography Office) and Fair Category Inspectorate Certificate of Excellence 2015 (Tawau Regional Topography Office) by the Accountant General of Malaysia Sabah	National
7	Akrab Gemilang Award in conjunction with NRE AKRAB	Ministry
8	Innovative and Creative Circle (ICC) 1NRE Best Award Management Category – Utility Mapping Division	Ministry (2nd Place)
9	Innovative and Creative Circle (ICC) 1NRE Best Award Technical Category – JUPEM Terengganu	Ministry (Champion)
10	Art Symphony Competition 1NRE Innovation Day	Ministry (Champion)
11	1NRE Innovation Competition – JUPEM Pulau Pinang	Ministry (Champion)
12	Short Film Competition 1NRE Innovation Day	Ministry (Champion)
13	Transformation Logo Competition 1NRE Innovation Day	Ministry (Champion)
14	Overall Winner at Departments/Agencies Level under NRE in conjunction with the 1NRE Innovation Day 2015	Ministry (Champion)
15	Gold Award in conjunction with Pahang State ICC Convention and Innovation Day – JUPEM Pahang	State

Akrab Gemilang 2015 Award in conjunction with NRE AKRAB



Special Achievement in GIS or SAG Awards



Overall Winner in conjunction with the 1NRE Innovation Day 2015 at
Departments/Agencies Level under NRE



Gold Award and Akrab Best Practices Winner (ATA) in conjunction with AKRAB Convention



MOSTI Inclusive Innovation Challenge Competition 2015 – JUPEM Pulau Pinang



Northern Region Team Excellence Convention Gold Award – JUPEM Kedah



Three-star Gold Award in National Excellence Team Convention (NTEx) in conjunction with Annual Productivity and Innovation Conference and Exhibition (APIC) 2015 – JUPEM Kedah



SEQUENCE OF EVENTS



SEQUENCE OF EVENTS IN 2015



Pledge declaration in conjunction with New Year Message Event 2015 by YBhg. Datuk Prof. Sr Ahmad Fauzi bin Nordin, Director General of Survey and Mapping Malaysia at Dewan Ukur, JUPEM Headquarters, Kuala Lumpur.



JUPEM Management Meeting No.1/2015 held at Conference Room, 15th Floor, Wisma JUPEM, Kuala Lumpur chaired by YBhg. Datuk Prof. Sr Ahmad Fauzi bin Nordin, Director General of Survey and Mapping Malaysia.



Release of JUPEM Humanitarian and Disaster Relief Mission entourage, the "NRE Caring Programme" by YBhg. Datuk Prof. Sr Ahmad Fauzi bin Nordin, Director General of Survey and Mapping Malaysia. The ceremony was held at JUPEM Headquarters and was attended by the Department's Top Management as well as officers and staff.



Discussion Session and JUPEM PUSPANITA Meeting for year 2015 was held at Dewan Ukur, JUPEM Headquarters, Jalan Sultan Yahya Petra, Kuala Lumpur. It was officiated by Mrs. Alice@Noorlis bt. Norbis, JUPEM PUSPANITA chairperson and then continued with a Discussion Session. The Discussion Session was chaired by YBhg. Dato' Sr Hasan bin Jamil, Deputy Director General of Survey and Mapping I.



18 FEBRUARY 2015

The Defence Geospatial Division's Director Hand-over Note Ceremony from Brig. Jen. Abu Sufian bin Hj. Ahmad to Brig. Jen. Hj. Ahmad Nasir bin Hj. Abd. Rahman was held at 2nd Floor, Bangunan Ukur, JUPEM Headquarters.



23-26 MARCH 2015

Innovative and Creative Circle (ICC) Workshop 2015 was organised by the Planning and Corporate Division for Facilitators and Group Leaders at New York Hotel, Johor Bahru, Johor.



30-31 MARCH 2015

National Mapping and Spatial Data Committee Meeting (JPDSN) No.66 was held at Bayview Hotel Langkawi and was chaired by YBhg. Datuk Prof. Sr Ahmad Fauzi bin Nordin, Director General of Survey and Mapping Malaysia. The meeting was attended by JPDSN members from all over the country consisting of 40 representatives from various departments/agencies and the institutions of higher learning (IPTA).



12-14 APRIL 2015

A briefing on Financial Management for Top Management and JUPEM Senior Officers was organised by the Finance Section (Management Services Division) at INTAN Kluang, Johor (IKHWAS) involving 45 JUPEM senior officers.



7 MAY 2015

Excellent Service Award Presentation Ceremony 2014 held at Wisma Lembaga Jurukur Tanah, Pusat Bandar Melawati, Kuala Lumpur was officiated by the Deputy Minister of Natural Resources and Environmental, YB Dato' Sri Dr. James Dawos Mamit.



15-18 MAY 2015

Department of Survey and Mapping Malaysia's Sports Council (MSJUPEM) in collaboration with JUPEM Kedah Sports and Welfare Club organised the 30th *Pesta Sukan Ukur SeMalaysia* (PESUMA 30) at Politeknik Tuanku Sultanah Bahiyah, Kulim, Kedah.



29 JUNE 2015

Breaking Fast Event was held at Wisma JUPEM. The event was attended by NRE's Deputy Secretary General I, the department's top management, senior officers and staff and PEJUTA's leadership.



14 JULY 2015

YBhg. Dato' Sri Zool Azha bin Yusof, Secretary General of Natural Resources and Environment (NRE) made a working visit to Kundasang, Ranau and was accompanied by YBhg. Dato' Sr Hasan bin Jamil, Deputy Director General of Survey and Mapping I, Mr. Mohammad Zaki bin Mohd Ghazali, Sabah Topographic Mapping Division's director and Mr. Mustafar bin Hamza, Mineral dan Geoscience Department Malaysia's (Sabah) director and department's senior officers.



31 JULY 2015

JUPEM held a Hari Raya Celebration event at Bangunan Ukur's car park, Jalan Sultan Yahya Petra, Kuala Lumpur. The event was attended by JUPEM's Headquarters staff and others. The event was also graced by YBhg. Dato' Dr. Mohd Ali bin Mohamad Nor, Deputy Secretary General (Natural Resources).



28 AUGUST 2015

Sabah Topographic Mapping Division's officers had the opportunity to meet with YB Dato Sri Dr. Haji Wan Junaidi bin Tuanku Jaafar, Minister of Natural Resources and Environment (NRE) at Kota Kinabalu International Airport's VVIP lounge upon his departure to Kuala Lumpur. The Minister had previously made a working visit to Sabah.



2 SEPTEMBER 2015

JUPEM's AKRAB had been chosen as NRE's Akrab Gemilang in conjunction with Ministry of Natural Resources and Environment Akrab General Meeting at Dewan Baiduri, NRE. The award was presented by YBhg. Dato' Sri Azizan bin Ahmad, Secretary General of the Ministry of Natural Resources and Environment.



13-15 SEPTEMBER 2015

JUPEM's Planning and Corporate Division held a workshop on Innovative and Creative Circle Presentation Enhancement and Documentation Preparation at Institut Pembangunan Modal Insan, Kelantan Irrigation and Drainage Department which was attended by 60 participants and conducted by Tuan Haji Husaini bin Haji Morid, speaker from QKM Consult.



14 SEPTEMBER 2015

Sarawak Land and Survey Department had an official visit to the Department of Survey and Mapping Malaysia on 14 September 2015. The briefing on the department's activities was given by Sr Dr. Teng Chee Hua, Director of Cadastre Division at Topaz Meeting Room, 10th Floor, Wisma JUPEM.



17 SEPTEMBER 2015

Coordinating and Mapping Policy Division had organised the 17th National Geographical Name Technical Committee (JTNGK) Meeting held at Operations Room, 4th Floor, Federal Building, Jalan Anson, Pulau Pinang on 17 September 2015. The meeting was chaired by YBhg. Dato' Sr Hasan bin Jamil, Deputy Director General of Survey and Mapping I as JTNGK's chairman and was attended by 31 members consisting of representatives from the State Secretaries and Federal Departments/Agencies.



28 SEPTEMBER 2015

JUPEM Management Meeting No.3/2015 was held at 15th Floor Conference Room, Wisma JUPEM and was chaired by YBhg. Datuk Prof. Sr Ahmad Fauzi bin Nordin, Director General of Survey and Mapping Malaysia. The meeting was attended by 40 officers including Deputy Director Generals of Survey and Mapping, Division Director of Divisions, States Directors and Divisional representatives.



5 OCTOBER 2015

Monthly Assembly Event with YB Dato Sri Dr. Haji Wan Junaidi bin Tuanku Jaafar, Minister of Natural Resources and Environment was held at Dewan Perdana FELDA, Kuala Lumpur where the Department of Survey and Mapping Malaysia (JUPEM) had been chosen to host the first gathering of the newly appointed Minister. The event was also attended by YB Datuk Ir. Haji Hamim bin Samuri, Deputy Minister, Deputy Secretary-General I and Deputy Secretary-General II as well as Heads of Departments/Agencies and staff under NRE.



19 OCTOBER 2015

The 3rd Underground Utility Mapping Certificate of Competency award ceremony or Certification of Underground Utility Detection and Mapping (CUUDM) was held at Istana Hotel, Kuala Lumpur organised by The Association of Authorised Land Surveyors Malaysia (PEJUTA) in collaboration with Land Surveyors Board Malaysia (LJT) and the Department of Survey and Mapping Malaysia (JUPEM). The ceremony was officiated by YB Dato Sri Dr. Haji Wan Junaidi Bin Tuanku Jaafar, Minister of Natural Resources and Environment.



21 OCTOBER 2015

Six (6) delegates from the Ministry of Land Bangladesh led by Mr. Mohammad Shaiful Alam, Senior Secretary Ministry of Land, Bangladesh made an official visit to the Ministry of Natural Resources and Environment (NRE), Malaysia. The briefing was held at 15th Floor Conference Room, Wisma JUPEM, Department of Survey and Mapping Malaysia (JUPEM). The event was chaired by YBhg. Dato' Dr. Mohd Ali bin Mohamad Nor, Deputy Secretary General I NRE and was also attended by YBhg. Datuk Prof. Sr Ahmad Fauzi bin Nordin, Director General of Survey and Mapping Malaysia as well as senior officials from JUPEM's Headquarters.



30 OCTOBER 2015

Visit by delegation of Indonesia was held at 10th Floor, Jed Meeting Room, Wisma JUPEM. Briefing on Cadastral Survey in Malaysia was presented by Sr Haji Anual bin Aziz, Director of Survey, Cadastre Inspectorate Section.



2 NOVEMBER 2015

The 11th Malaysia Plan (RMK-11) Year 2016-2020 Development Projects Allocation Coordination Meeting and JUPEM's ICT Strategic Plan (ISP) 2016-2020 Document Preparation Work Meeting were held at JUPEM Perak's Operation Room and chaired by YBhg. Dato' Sr Hasan bin Jamil, Deputy Director General of Survey and Mapping I.



12 NOVEMBER 2015

The official visit to the Malaysia-Thailand International Border by YB Dato' Ir. Hamim Samuri, Deputy Minister of Natural Resources and Environment. His arrival was greeted by YBhg. Datuk Prof. Sr Ahmad Fauzi bin Nordin, Director General of Survey and Mapping Malaysia together with JUPEM's senior officers.



17 NOVEMBER 2015

JUPEM had been crowned as the overall champion in the 1NRE Innovation Day 2015 competitions with a total prize of RM21,000.00. The prizes were presented by YB Dato Sri Dr. Haji Wan Junaidi bin Tuanku Jaafar, Minister of Natural Resources and Environment in the NRE's November Assembly Event at the Forest Research Institute Malaysia (FRIM).



19 NOVEMBER 2015

Defence Geospatial Committee Meeting No.1/2015 was held at Wisma Pertahanan, Kuala Lumpur and was co-chaired by YBhg. Datuk Prof. Sr Ahmad Fauzi bin Nordin, Director General of Survey and Mapping Malaysia and YBhg. Lt. Jen. Dato' Sri Haji Sabri bin Adam, Chief Staff MK ATM.



23-26 NOVEMBER 2015

Department of Survey and Mapping AKRAB Professionalism Enhancement workshop was held on 23 till 26 November 2015, at Institut Pembangunan Modal Insan (Northern Zone) Drainage and Irrigation Department, Kampung Temiang, Ipoh, Perak. The workshop's objective, among others are to improve JUPEM AKRAB members professionalism and self-motivation, to identify and explain the main factors in the development of human capital and to discover own strengths and weakness as well as measurements to overcome as a team. Among the activities that took place during the workshop were visit to the Darussalam Orphans Dormitory and Ulu Kinta Hospital Bahagia, Tanjung Rambutan.



1-3 DECEMBER 2015

Department of Survey and Mapping Malaysia Innovative and Creative Circle (ICC) Convention was held at Flamingo Hotel, Ampang, Selangor and was officiated by YBhg. Datuk Prof. Sr Ahmad Fauzi bin Nordin, Director General of Survey and Mapping Malaysia. The convention was attended by 12 teams of which 11 teams were from JUPEM States. The overall champion of the JUPEM ICC Convention was awarded to Kumpulan Geliga of JUPEM Terengganu



15 DECEMBER 2015

The annual meeting between BGSP and DGC was held at BGSP Meeting Room, 2nd Floor, Bangunan Ukur. The meeting was chaired by BGSP Director and the representatives from DGC were Mr. Andrew Mark Foy (First Secretary for the Asia Pacific Region), Mrs. Amanda Williams (UK Defence Project Director) and Mr. Neil John Anderson (Warrant Officer II, Defence Attaché Officer for British Embassy in Kuala Lumpur



23 DECEMBER 2015

National Maulidur Rasul Celebration was held at the Taman Ekspo Pertanian Antarabangsa (MAEPS), Serdang, Selangor on 23 December 2015, 12 Rabiul Awal 1437H. The event was officiated by Seri Paduka Baginda Yang Di-Pertuan Agung XIV Almu'tasimu Billahi Muhibbudin Tuanku Alhaj Abdul Halim Mu'adzam Shah Ibni Almarhum Sultan Badlishah. This year, JUPEM sent a total of 100 staff, comprising 75 men and 25 women. On the whole, the celebration this year had involved 128 participants comprising of government departments, statutory bodies and private sectors.



Department of Survey and Mapping Malaysia (JUPEM) Directors of Survey Conference 2015 was held at Swiss Garden Beach Resort, Kuantan, Pahang. The conference was chaired by YBhg. Datuk Prof. Sr Ahmad Fauzi bin Nordin, Director General of Survey and Mapping Malaysia and attended by JUPEM's senior officers and management personnel. There were 27 working papers presented at the conference by the Director of Divisions/Sections/States.

DEPARTMENT DIRECTORY



DEPARTMENTS DIRECTORY

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