

Global growth leader, at steady growth rate of **5.6%**



Share of global infrastructure spending to grow to **48%** by 2025

Largest e-commerce region in the world. Turnover of **\$567.3** billion



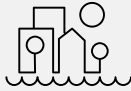
### FACTS ABOUT ASIA PACIFIC

Accounting for around **60%** of world energy demand

Fastest growing continent with **43%** people living in the urban areas



Home to **60%** of the world population



# GEOSMART ASIA 2015

[ Former Asia Geospatial Forum ]

Conference and Exhibition for Geospatial Technology

29 SEP - 01 OCT, 2015

PUTRA WORLD TRADE CENTRE (PWTC), KUALA LUMPUR, MALAYSIA

**THEME: TOWARDS NEXT BIG LEAP**

#### CONCURRENT FORUMS

**GE Intelligence**  
Asia Pacific Forum  
30 Sept 2015

**GE BUILD 2015**  
SMART INFRASTRUCTURE  
30 Sept - 01 Oct 2015



Most disaster stricken region, **61%** of global losses from disasters, sustained in last 20 years



[www.geosmartasia.org](http://www.geosmartasia.org)



#geosmartasia



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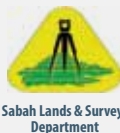
## PROGRAMME SPONSOR



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## SUPPORTING ORGANISATIONS



## ORGANISER



GEOSPATIAL  
media + communications

## ASIA PACIFIC AT A GLANCE

# Poised at the centre of the world's fastest growing and soon-to-be largest wealth market

### TRANSPORT AND LOGISTICS

- The world's largest aviation market over the next 20 years
- Air travel to grow from 32% of the world market to 41 percent by 2028
- Largest market for third party logistics by 2017
- Need for new transport infrastructure to mobilise workforces, transport products and connect the economic centres of the region

### ENERGY

- Coal demand to increase by 52.8% from 2010 to 2035
- Oil demand to increase by 59.3% from 2010 to 2035
- Natural gas demand to increase by 60% from 2010 to 2035
- Electricity demand to be more than double between 2010 and 2035

### INFRASTRUCTURE

- Infrastructure market to grow by 8% annually over the next decade (60% of the world total)
- Share of global infrastructure spending is set to grow from 30% in 2012 to 48% by 2025

### AGRICULTURE

- Rising food prices are bringing the spectre of food shortages and under nutrition to millions more of the region's poor.
- Innovative solutions for food security can help feed 9 billion people by 2050.

### URBANIZATION

- Expected urbanization to reach 50% in 2026
- More than half of the world's mega-cities (13 out of 22) are now found in Asia and the Pacific
- Economic growth in the Asia-Pacific region is led by cities

### MINING

- Asia Pacific is expected to account for 70.8% of the global coal production and 71.3% of the global consumption in 2015
- Asia is the world's largest user of mining resources.

Sources: International Monetary Fund, eMarketer, Boeing, Asian Development Bank, PricewaterhouseCoopers International Energy Agency, e&y, United Nations



**GEOSPATIAL TECHNOLOGIES**

- Remote Sensing
- GIS
- Photogrammetry
- Cartography
- GNSS
- Laser Scanning
- Surveying
- LiDAR

**AVENUES**

- Social Networking
- Big Data
- Mobile Devices
- Telecom | Internet
- ERP/CRM
- Telematics | Mailing
- Analytics | Wireless
- LBS | Cloud | PND

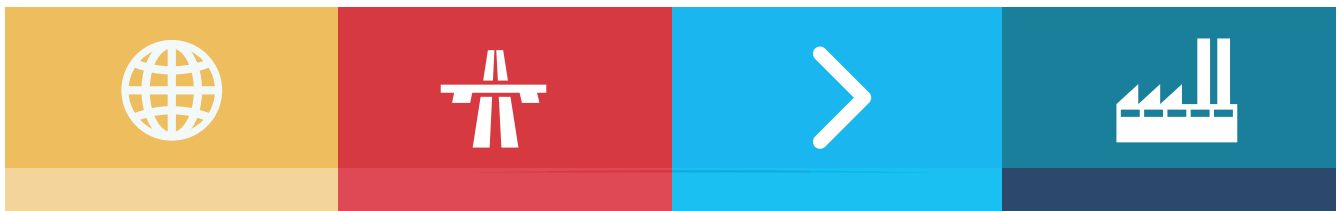
**TRENDS AND DIRECTIONS**

- Technology Integration
- Decision Support System
- Solution-Centric Approach
- Convergence & Integration
- Enterprise GIS
- Open Standards & Interoperability

**INDUSTRY SOLUTIONS**

- Building & Construction
- Urban Planning
- Defence & Intelligence
- Land Management
- Environment & Climate Change
- Oil & Gas
- Transportation & Logistics
- Agriculture
- Mining
- Utilities
- Banking
- Location-based services
- Energy

# Geospatial Technology Enabling Convergence and Workflows



# VALUE PROPOSITION OF GEOSPATIAL TECHNOLOGY



## PUBLIC SAFETY

- Real-time disaster management
- Better public safety and surveillance systems
- Monitoring & evaluation of recovery activities
- Operations prioritising as per the damage



## GOVERNANCE

- Efficiency of public services
- Sharing government data sets
- Automated core government processes
- E-administration of educational institutions



## ENTERPRISE

- Big analytics-based decision support systems
- Dynamic, integrated resource planning systems
- Efficient project management systems



## WATER

- monitor water quality changes
- Advanced water treatment systems
- track and monitor events such as excessive rainfall, track water levels
- Increased knowledge of the linkages among watershed components



## ELECTRICITY

- Improved energy efficiency
- Enhanced Customer experience
- Reduction in Commercial Losses
- Better Outage management



## INFRASTRUCTURE

- High level of detail hence Less ambiguity
- Better integration of work processes
- Easy collective decision-making with Higher transparency
- Data-driven urban planning and management
- Improve efficiency of infrastructure construction



## AGRICULTURE

- Technology enabled crop insurance
- Technology enabled agricultural supply chains
- Precision farming & Yield monitoring
- Farm mechanisation and automation



Lidar, Building Information Modeling, and GIS Converge Bringing Business Efficiencies to Milwaukee Metropolitan Sewerage District



King County GIS Centre, Seattle showed that GIS investments over an 18-year period generated a net return of \$776 million.



Thames Water improves service & manages risk with implementing GIS Asset Management



Implementation of a complete GIS system for Fiber Network in View for Benton Public Utility District has an intangible ROI and saved \$240,000 in labor and materials.



Global Telecommunications Company increases asset valuation by £1 billion and improves network planning efficiency by 75% by transforming the Geospatial Systems



Philadelphia Saves \$1 Million per Year GIS-Based Traffic Light Project

## ■ GEOSPATIAL MEDIA & COMMUNICATIONS BRINGS TO YOU...



## ■ WHY ATTEND

- Get the most return on your technology investment
- Keep up with the rapid technology changes
- Showcase your geospatial Accomplishments
- Hear from industry stalwarts on technology and industry directions
- Get your technical questions answered by experts
- Be a part of the biggest networking platform
- Best platform for knowledge sharing & exchange of real life geospatial experiences, solutions & Tips
- Find innovative and cutting-edge geospatial solutions to your challenges
- Witness the emerging trends in the geospatial field and participate in in-depth discussions

**EARN 6 CPD POINTS**  
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 LAND SURVEYORS BOARD**



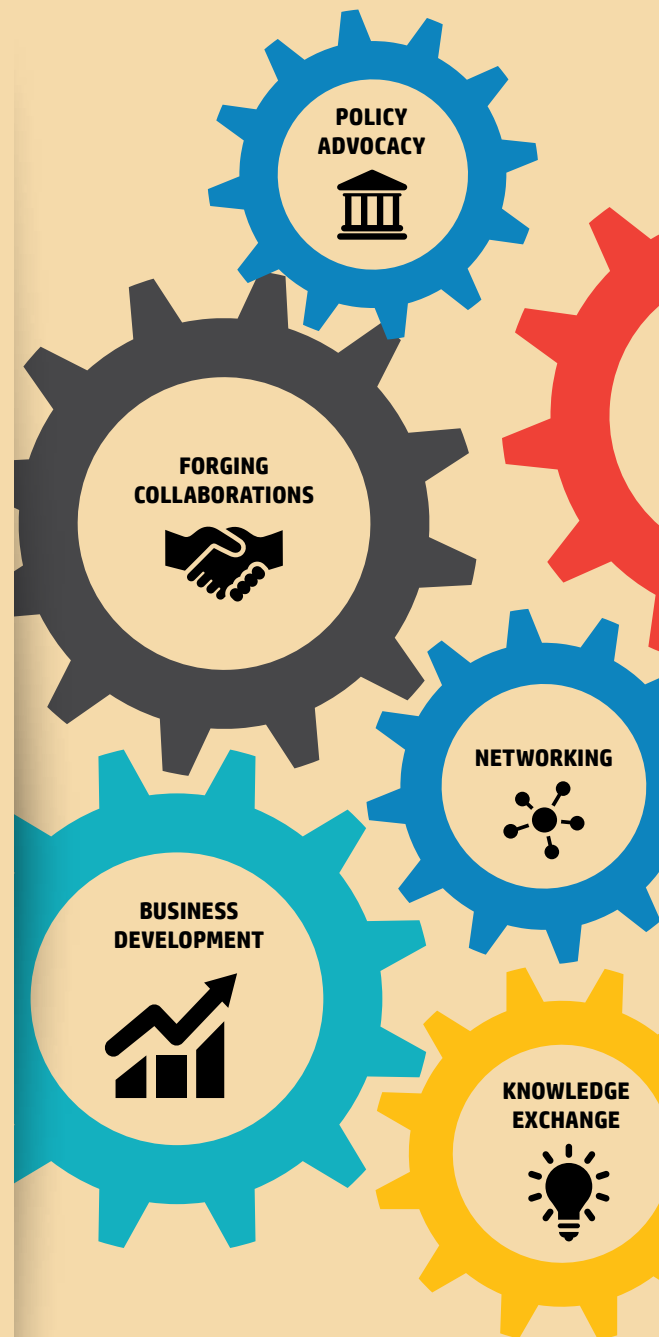
As our response to address the evolution, changes and innovation of geospatial technology, Asia Geospatial Forum is now GeoSmart Asia. Geo Smart Asia shall delve into the immense scope and the very critical role of advanced, latest and smarter geospatial technologies across various sectors that contribute to progressive and sustainable development of the region. Do not miss this opportunity to hear from the industry stalwarts, thought leaders and expert stakeholders about the emerging trends and best practices to keep up with the technology changes and to get the most on your technology investment. The three-day conference offers vision session, plenary sessions, thematic and technology sessions as well as some exclusive sessions.

**THEME: TOWARDS NEXT BIG LEAP**

As the geospatial industry moves beyond its traditional realm and stands at the threshold of another giant leap, it is time to reassess the implications and opportunities. With the theme "Towards the Next Big Leap," GeoSmart Asia will delve on how geospatial has become a significant tool in the hands of businesses and nation developers, paving a smarter way to develop progress and sustain, and the impact that this technology can create for key industries that drive the economies. It will put forth the agenda that looks beyond conventional geospatial knowledge and at the same time builds strongly on newer geospatial applications and technologies.

**OBJECTIVE**

Over the past few years, the Smart Technology momentum has continued to widen and as a result, users have come to expect more beyond just the map layers and satellite images. GeoSmart Asia 2015 Conference is meant to provide a platform to bring together major stakeholders of the Geospatial industry of the region to deliberate on this inevitable evolution.



## VISION SESSION

### Digital Infrastructure and Policy in Asia

- Explore role of geospatial technologies in building Digital Asia
- Explore geospatial methodologies to effectively create digital infrastructure and services
- Leverage on mobile cloud and big data

## PLENARY SESSIONS

### Geospatial Solution: Empowering Government & Enterprise

- Case Studies on successful implementation of geospatial technologies in varied user domains like Infrastructure, advertising, insurance, real estate, social-media, mining, agriculture, urban development, disaster management etc
- Session will have industry presentation on the latest technology applicable for government and enterprise

### Evolving Smart Geospatial Technologies

- Advancements in core and integrated technologies
- Presentations by technology developers on advanced geospatial technology

## EXCLUSIVE SESSIONS

### Youth Forum

- ‘Young Minds’ from various institutions, enterprises and organisations will present on application development, entrepreneurship, and good practices
- Panel Discussion “Young Minds Towards Next Big Leap in the Asia-Pacific Region”

### ASEAN Geospatial Summit (By Invitation Only)

- Will appraise national mapping organisations, space agencies, SDIs (spatial data infrastructure) with latest developments in geospatial technology
- Facilitate interaction between geospatial information providers and geospatial technology providers
- Offer opportunities for collaboration and strengthening partnerships amongst South East Asian countries in the application of geospatial technologies

### Business Leadership Forum (By Invitation Only)

- Overview of Geospatial Industry Trends and Directions
- Industry and Geography wise Business Opportunities and Dynamics
- Geospatial Policies Driving Business Opportunities
- Geographical Hubs Offering Attractive Provisions for Geospatial Business
- Perspectives of User and Consulting Industries

## TECHNOLOGY TRACKS



## TECHNOLOGY SESSIONS

### EMERGING TRENDS & TECHNOLOGIES

- The Session will talk about the increasing ubiquity of geospatial information is driving a wide range of innovative, new applications that are contributing to its pervasiveness in everyday decision making
- It will focus on emerging technologies advancements in the geospatial horizon like 3D Modelling, Lidar, Laser Scanning, Asset Management and Business Intelligence

1

### ENTERPRISE GIS

- Better understanding and management of Integrated Enterprise GIS with focus on the map and spatial data management.
- Expert views on Enterprise GIS where users can manage, share, and use spatial data and related information to address a variety of needs, including data creation, modification, visualization, analysis, and dissemination.

2

### SENSORS AND UAV

- Exploring the growing importance and applications of Sensors and UAVs in the field of monitoring and management of various industry verticals.
- Highlight today's geospatial technologies with advancement in radio communication, digital camera, software and hardware.
- Share experts views and case studies from all sectors on Sensors & UAVs and its related challenges like policy, regulation, security and many others.

3

### MOBILE AND WEB GIS

- Future development of geospatial technologies in relation with Mobile and Web GIS
- Mobile and Web GIS spatial info platform for traffic and routing.

4

### BIG DATA

- To discuss the challenges of Big Data in managing the ocean of data with the advent of remote sensing, global navigation satellite systems (GNSS), aerial surveys, digital cameras, sensors network, radar and LiDAR technologies
- Meet the industry experts and leaders from various domains and industries sharing their case studies and success stories

5



# THEMATIC SESSIONS



## Geo GRID

- Smart Grid concept in electricity: Next-generation transmission and distribution infrastructure
- Geospatial data and technology and challenges on every aspect of electricity industry



## Next-Gen Smart Applications

- Next-gen smart applications enabling better future.
- The role of Innovations like social media, smart phones and play stations etc. On the economic landscape.
- Digital advantages for society benefit



## GeoSmart Governance

- The implementation of geospatial technologies, the opportunity and their challenge for smart governance
- Business Intelligence and Predictive analytics to help public/private organizations to enable smart governance



## Coastal & Marine Management

- Adaptation of geospatial in responding to the effective management of marine biodiversity and marine resources
- To emphasize on techniques relevant to coastal and marine data capture, analysis, integration and visualization
- To discuss on the current policies and objectives to protect the marine environment

Co-Host



## Climate Change & Disaster Management

- Explore the potential and needs to summon the geospatial technologies available in responding and managing disaster efficiently.
- Geospatial-based information advances in products, software, approach and methodology used for disaster risk assessment and mitigation



## Mining & Oil Exploration

- GeoSmart applications and key innovative technology in enabling mining and oil exploration
- Regulatory compliance for geological analysis, oil exploration and production
- Multiple applications in the mining industry with tools to gather, compile, process, display, analyze, and archive extensive volumes of data

Supporting Organisations



## GEOAGRI

- Bring at front the advantages of using the latest geospatial technologies and tools for strengthening various agricultural activities
- Highlight and address the challenges, opportunities and smart solutions for the climate change
- It will talk about synergies between agriculture policies, program and activities

Symposium Partner



## GEOLAND

- Assess the progress made by countries in the region with respect to achieving smart land administration
- Identify the supportive role that the geospatial industry can play in achieving better land administration
- Identify economical and innovative geospatial tools and techniques for land administration, discuss the roadblocks and ways to overcome them

Strategic Partner



# GE Intelligence

## Asia Pacific Forum



30 SEPTEMBER 2015

THEME GEOINTELLIGENCE: AN INDISPENSABLE TOOL FOR DEFENCE & INTERNAL SECURITY

### INTRODUCTION

GeoIntelligence Asia Pacific Forum 2015 is a premier geospatial defence event being organised for the first time in the Asia Pacific region on 30th September 2015 at Kuala Lumpur, Malaysia.

### BACKGROUND

Asia Pacific is the world's most populous region accounting for half the world's population and an economically dynamic zone. The countries in the region are making an effort to achieve political stability and steady economic growth.

### MAJOR THREATS OF THE REGION

<b>INTERNATIONAL TERRORISM</b>	<b>Drug &amp; Human Trafficking</b>	<b>MONEY LAUNDERING</b>
<b>ARMS SMUGGLING</b>	<b>Piracy</b>	<b>ECONOMIC AND CYBER CRIME</b>

Apart from the threats to security, the region is prone to numerous natural disasters such as typhoons, earthquakes and tsunamis.

Hence in a world of evolving terror threats, theatres of war, natural disasters and civil unrest, the intelligence, defence and law enforcement communities increasingly rely on geospatial intelligence.

### Advantages of GeoIntelligence

- Competitive advantage from insights and improved productivity of core assets
- First responder support to humanitarian operations
- Ability to map human movements, across time, space and terrain for tactical planning
- A powerful tool for civic planning, humanitarian missions, industrial surveillance, precision war, conflict resolution, homeland security
- Logistics support for military operations, disaster response, civic emergencies, and so on.
- Provide insights to help avert dangers, counter conflicts, predict opportunities or adapt to shifting conditions.
- Use of advanced sensor technology and multiple types of geospatial data to help visualize events.
- Intelligence applied to a map of terrorist hideouts
- Data mined from geo-tagged tweets, satellite image of the terrain, drone surveillance and GPS tracking of cell phone devices in use



## PROGRAMME

### SESSION 1: MODERN WARFARE

The battlefield and the mission are constantly changing. It's crucial that warfighters have an application along with relevant geospatial data that can be rapidly configured to meet the ever-changing information needs of the security agencies. On the battlefield, there's probably no greater weapon than accurate information in a form of Geointelligence. Geointelligence is a critical requirement for Defence and Security operations to integrate real time information integration with spatial data. The session will deliberate on the role of latest Geospatial technologies for Modern Warfare.



### SESSION 2: MARITIME & COASTAL SECURITY

The role of Maritime & Coastal Security in the Asia-Pacific region has undergone a significant change over the last decade or so. The major churn of economy is dependent on one or several ways with maritime, entrusting a pivotal importance of the regional/coastal maritime cooperation's and understanding the need for maritime & coastal security enhanced with Geointelligence capacities and inventorial assets. The session will focus on the changing equations of geospatial technologies in Maritime & Coastal Security.



### SESSION 3: PUBLIC SAFETY & EMERGENCY RESPONSE

The Asia Pacific (APAC) region encompasses a heterogeneous group of nation-states prone to numerous threats. Ensuring safety of its citizen and protecting the infrastructure is the responsibility of security & management authorities. Security & Disaster management organisations plays an important role in mitigating the risks of disasters, tracking criminal threats, safeguarding borders against drug & human trafficking, illegal immigrants and the treats from international terror organisations, which aims to disturb the harmony of the nation & natives. The session on Public safety & emergency response will showcase the extent of Geospatial technologies to provide useful tools for efficient monitoring and neutralizing the threats & risk of any nature.



## WHY ATTEND

Geointelligence Asia Pacific forum 2015 will be dedicated to the highest level of information exchange and networking within the Asia Pacific defence and security sector.

Get perspectives of the decision makers who directly influence national security policy and procedures

Listen to some of the most influential speakers and delegates from the Asian and international defence and security establishment and industry

Support facilitation of an informal exchange of dialogue and cooperation in this region

Excellent opportunity for information sharing and networking

## WHO SHOULD ATTEND?

<b>DEFENCE MINISTRIES</b>	<b>Defence Forces</b> (Land, Navy & Air)	<b>INTERNAL SECURITY FORCES</b>
<b>SAARC DEFENCE FORCES</b>	<b>DISASTER MANAGEMENT AUTHORITIES</b>	<b>MULTILATERAL COOPERATIVE AGENCIES</b>
<b>PARAMILITARY FORCES</b>	<b>POLICE FORCE</b>	<b>SPECIALISED FORCES</b>
<b>SOLUTION PROVIDERS</b>	<b>GLOBAL DEFENCE SUPPLIERS</b>	<b>LOCAL DEFENCE SERVICES &amp; SECURITY</b>

## CONCURRENT FORUMS

# GE BUILD 2015

SMART INFRASTRUCTURE



30 SEPTEMBER - 01 OCTOBER 2015

THEME: 'GEOBUILD-ING' SMART CITIES IN ASIA

## INTRODUCTION

Rapid economic growth and ever increasing levels of urbanization is pushing the Asia Pacific region towards a leading position among the overall global urban development trends. It is also the home to some of the most ambitious attempts to direct and channel those trends to national development goals as has been witnessed in many developing and forward looking countries within the region. This sudden thrust and pressure on existing infrastructure combined with push for productivity in construction sector and environmental concerns is driving the convergence of technologies like Geospatial and BIM. The construction industry is traditionally organised in a segregated way which results in loss of information during the handover from one phase to the next. This is where this proposed integration of Geospatial and BIM is strategically positioned to facilitate a fluent flow of information throughout the entire project life cycle of an infrastructure. Complementing ICT solutions (tools and techniques) such as mobile, wireless devices, cloud computing will further empower the stakeholders to have better control at various levels of a project.

## THEME

Theme: The theme – **'Geo-Build-ing' Smart Cities in Asia** - aims to focus on showcasing the importance of BIM adoption as a centrifugal force behind creation and maintenance of infrastructure that is also sustainable with Geospatial Information and Technology acting as 'force-enabler' in extracting optimal RoI out of this initiation. It will also intend to address various challenges and opportunities of the Infrastructure sector through judicious adoption of the right ICT solutions and business practices and processes. In addition, it will showcase solutions by who's who of the industry that can help you gain more accurate, accessible, and actionable insight, which will apparently help you throughout the execution and lifecycle of your infrastructure construction projects.

## TARGET AUDIENCE

- Policy Makers
- Government Departments & Public Sector Undertakings
- Infrastructure Developers (Public/ Private)
- Construction Companies/ EPC Contractors
- Engineering Companies
- Consultants (Environmental/ Engineering/ Project Management)
- Waste Management, Water Management, Smart Metering, Smart Grid and Other Utility Consultants/ Experts/Service Providers
- Funding Agencies
- Project Executing Agencies
- Academic & Research Bodies
- IT Solutions Providers
- Geospatial Industry Experts

## SCOPE

- Provide a forum for the interchange of ideas among the Government Representatives, AEC Representatives and experts from the ICT and Geospatial Industry;
- Advocate adoption of an integrated Geospatial and BIM module supported by complementing ICT solutions for infrastructure development and maintenance as a policy measure for putting together future smart cities;
- Discussion on state-of-the-art technology with respect to the construction and maintenance process of smart city infrastructure;
- Seed the development of innovative ideas for laying and maintenance of modern smart city infrastructure such as roads, highways, housing, railways, airports, sea-ports, and utilities (waste management, drainage management, integrated water management and smart electricity)

## PROGRAM

### INAUGURAL SESSION

#### THEME: 'GEOBUILD-ING' SMART CITIES IN ASIA

The Asia Pacific region is systematically embracing and adding smartness by revolving around intelligence which is location based and forms the basis of designing any infrastructure in a systematic and planned manner. This session will throw light from a policy advocating perspective, wherein, the speakers to be featured will talk about the importance of imbibing an integrated Geospatial with BIM approach for development and maintenance of sustainable infrastructure.

## PLENARY SESSION

### PLENARY 1 : G-IT+BIM: THE 'WINNING' FORMULA FOR SUSTAINABLE INFRASTRUCTURE DEVELOPMENT

This session will trace the importance of the potent integration of BIM with Geospatial Technology and showcase its ability to help get better control on an infrastructure's project life-cycle.

### PLENARY 2: 'GEOBUILD-ING' INTELLIGENT AUTOMATED INFRASTRUCTURE

This session will focus on smart solutions such as smart grid technologies, intelligent traffic management, building automation systems, intelligent security solutions and transportation management systems that help optimize existing infrastructure, increase efficiency, reduce operation costs, improve safety and resiliency, and reduce environmental burdens.

## EXCLUSIVE SESSIONS

### 'GEOBUILD-ING' SMART MOBILITY

'GEOBUILD-ING' SMART MOBILITY: This session will invite talks on an effective public transport system as the overall transportation infrastructure that plays an important role in a citizen's day to day commute. The focus shall also be on development of efficient – transport infrastructure while highlighting the challenges and opportunities in these areas and will also allow opportunity for Geospatial Technologies to be positioned as a prime technology avenue that can play a significant role to aid and facilitate this development.

### 'GEOBUILD-ING' SMART HOUSING AND UTILITY SERVICES FOR CITIZENS

This session shall focus on discussions on the essence of developing smart housing options that is befitting to a smart city concept. The deliberations will provide scope for demonstrating integration of Geospatial Technologies with BIM for creating sustainable constructions. The talks on utility services will bring out successful case studies on developing smart utility services through the right support of Geospatial Information and Technologies.

## PANEL DISCUSSION

### GEOSPATIAL WITH BIM AND ICT FOR OPTIMAL ROI ON SMART CITY INFRASTRUCTURE PROJECTS

GEOSPATIAL WITH BIM AND ICT FOR OPTIMAL ROI ON SMART CITY INFRASTRUCTURE PROJECTS :This panel discussion will feature experts who will throw light on the importance of integration of Geospatial with BIM and ICT that will focus on bringing to light the potential of achieving optimal ROI from this initiation. This panel discussion will provided experts with an opportunity to discuss and deliberate on several 'big-ticket' projects from around the globe wherein, such integration has been successful in getting the optimal results from the investments made.



## PLENARY SPEAKERS



**Datuk Sr Ahmad  
Fauzi Bin Nordin**

Director General Survey & Mapping  
Department of Survey & Mapping,  
Malaysia



**Rodney Chaffee**

Head – Sales, Asia-Pacific  
FARO  
Singapore



**Derren Yong**

Senior Director - APAC Commercial  
Sales DigitalGlobe  
Singapore



**NG Siau Yong**

Director  
GeoSpatial Division, Singapore Land  
Authority, Singapore

## SESSION SPEAKERS



**Dr. Noordin Bin Ahmad**

Director General  
Malaysia Space Agency  
(ANGKASA)  
Malaysia



**Dr. Doan Minh Chung**

Director  
Space Technology Institute  
Vietnam



**Masanobu Tsuji**

Director, Japan Aerospace  
Exploration Agency & Executive  
Secretary, Asia Pacific Regional  
Space Agency Forum, Japan



**Sr Tuan Haji  
Safar Bin Untong**

Director, Sabah Land & Surveys  
Department  
Malaysia



**Emeritus Professor  
John Trinder**

President, SSSI & Surveying  
& Geospatial Engineering  
School of Civil & Environmental  
Engineering, The University of  
South Wales, Australia



**Dr. Ahamad Zakaria**

Director Of Survey and Mapping  
Department of Survey Selangor  
Malaysia



**Captain Zaharuddin  
Mohd Maideen**

Acting Director General  
National Oceanography  
Directorate  
Malaysia



**Tsai Wen-Yu**

Specialist, National Land  
Surveying and Mapping Center  
Ministry of Interior  
Taiwan (ROC)



**Tadashi Sasagawa**

Executive Director  
Pasco Corporation  
Japan



**Dr. Suhazimah Binti Dzazali**

Deputy Director General (ICT)  
Malaysian Administrative  
Modernisation And Management  
Planning Unit (MAMPU)  
Prime Ministers Department,  
Malaysia



**Dato' Dr. Nadzri bin Yahaya**

Deputy Director General (Energy),  
Ministry of Energy Green Technology  
& Water (KeTTHA) Malaysia



**Fu Yuming**

Vice Dean, School of Design and  
Environment, National University of  
Singapore

**Representative from Trimble | Representative from Bentley**



**Hoang Ngoc Lam**

Deputy Director General  
Department of Surveying and  
Mapping, Vietnam



**Jugal Makwana**

BIM Director - APAC  
AECOM  
Singapore



**Romeo S Anano**

Chief, Information Services  
Division Department of Energy  
Philippines



**Sr. Dr. Hajah Norziha binti  
Md Zain**

State Director of Valuation  
Valuation & Property Services  
Department, Malaysia



**Dr Wan Mohd  
Naim Wan Mohd**

Technical Advisor  
Bumitouch  
Malaysia



**Gerard Sylvester**

Knowledge and Information  
Management Officer, Food &  
Agriculture Organisation of  
the UN  
Thailand



**Dr. Sekhar Kondepudi**

Associate Professor  
Smart Buildings and Smart  
Cities, National University of  
Singapore



**Samuela Naicegucegu**

Director Land Use/Land Reform  
Ministry of Lands and Mineral  
Resources  
Fiji Islands

## SESSION SPEAKERS



**Lim Chor Sheng**  
Managing Director  
GPS Lands  
Malaysia



**Carsten Rösndorf**  
Practice Manager,  
Future cities, Standards and 3D,  
Ordnance Survey International  
UAE



**Dinesh Sathyamoorthy**  
Sr. Research Officer  
Science & Technology Research  
Institute for Defence  
Malaysia



**Dr. Laila Nordin**  
Managing Director  
GeoPrecision Tech  
Malaysia



**Ooi Wei Han**  
Research Officer, Space  
Application and Technology  
Development Division, National  
Space Agency (ANGKASA)  
Malaysia



**Dr Zaffar Sadiq  
Mohamed-Ghousse**  
Manager - Business, Research &  
International Relations, CRC for  
Spatial Information, Director  
Surveying Spatial Sciences  
Institute, Australia



**Raghunath Babu Guduru**  
Vice President  
Surbana International  
Singapore



**Khairul Faizi B M Taib**  
TDTG Department  
Petronas  
Malaysia



**Dr. Ong Hang See**  
Deputy Dean  
Universiti Tenaga Nasional  
(UNITEN)  
Malaysia



**Jason D Clark**  
Director  
Spatiali Pty Ltd  
Australia



**Norbazlan Bin Mohd Yusof**  
Head - GIS  
PLUS Highway  
Malaysia



**Beau Jarvis**  
Vice President International  
Business Development  
Planet Labs  
USA



**Dr. Victor Ong**  
Managing Director  
ONE SMART Engineering  
Singapore



**Fatwa Ramdani**  
Director of Geoinformatics  
Research Center, Faculty of  
Computer Science University of  
Brawijaya Indonesia



**Dr. Siva Balasundram**  
Country Representative/  
Associate Professor  
The International Society of  
Precision Agriculture (USA)  
Malaysia



**Eric Broussouloux**  
Asia Regional Manager  
IMAO  
France



## SESSION SPEAKERS



**Dr. Nitin Kumar Tripathi**

Professor of Geoinformatics  
(RS & GIS) Director-Special Degree  
Programs Editor-in-Chief, International  
Journal of Geoinformatics School of  
Engg and Technology Asian Institute  
of Technology, Thailand



**Peter Godwin**

Senior Manager  
Mineral Rights Informations  
SNL Metals & Mining  
Australia



**Shyam Parhi**

Programme Manager Federal  
Aviation Administration  
USA



**Dr. Shahnawaz**

Director (S & SE Asia)  
UNIGIS International  
University of Salzburg  
Austria



**Dr. Eng Ariel C. Blanco**

Associate Professor & Chairman  
Department of Geodetic  
Engineering (DGE)  
The Philippines



**Mohd Azahar Ab Aziz**

Manager, Map Management  
Geomatics Unit, IT & Business  
Solutions Unit, ICT Division  
Tenaga Nasional Berhad  
Malaysia



**Saiful Nizam B Mustafa**

Geomatics Department  
Petronas  
Malaysia



**Michael De Lacy**

Business Development  
Consultant AAM Group  
Australia



**Bui Quang Thanh**

Deputy Dean  
VNU University of Science  
Vietnam



**Mohd. Hafiz Bin Mohd Hazir**

Researcher  
Malaysian Rubber Board  
Malaysia



**Drs. M.Si. Priyono**

Faculty of Geography  
Universitas Muhammadiyah  
Surakarta  
Indonesia



**Mohd Firdaus MD Alip**

Dean  
Geomatika University College  
Malaysia

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the next big leap



## ASIA GEOSPATIAL EXCELLENCE AWARDS

The geospatial industry is one of the mainstream IT businesses having its own identity. And this has been possible only by innovations and excellence brought forward by geospatial technology developers, professionals, end users and policy makers. Geospatial Media & Communications, in order to recognize and encourage such efforts, have instituted awards and recognitions for exemplary technology innovations and practices in the region. Such an exercise shall bring forward an appreciation and motivation to winners and also provide an opportunity for the geospatial industry to learn from these experiences.

Nominations for these prestigious awards are encouraged from all geospatial and allied projects for the following categories:

The awardees shall be selected through a preset evaluation process and eventually judged by international panel of experts. The awards shall be presented at GeoSmart Asia 2015.

### Awards Categories

- Geospatial Application Excellence Awards
- For exemplary usage of geospatial tools in various fields (Governance, Infrastructure, Public safety, Utilities Design and Engineering, Environment, Agriculture, Mining and Exploration, Transportation management, Business Intelligence Insurance, Disaster Management)

### Geospatial Technology Innovation Awards

- For innovations and developments in geospatial technology e.g. Remote Sensing, Photogrammetry, LiDAR, 3D Modelling, Cartography, Web GIS, Mobile mapping, Enterprise GIS, Topographic surveying instruments, GIS ready imagery etc.

### Geospatial Policy Implementation Awards

- Policy makers and implementers whose work directly impacts in development of geospatial science, technology and business may submit their nominations for this category.

For further information write to [awards@geosmartasia.org](mailto:awards@geosmartasia.org)





## EXHIBITION

The exhibition at GeoSmart Asia 2015 is the largest exhibition of geospatial technology in Asia-Pacific Region, bringing innovations in geospatial technologies and applications. It has been consistently attracting the leaders of geospatial technology presenting their cutting-edge technology solutions; government departments showcasing their geospatial acumen and innovations to the geospatial community, as well as academia with the much required talent base for the users and industry.

EXHIBITION FEE	
GOVERNMENT (IN USD)*	PRIVATE (IN USD)*
300	500

\*additional 6% GST on exhibition fee.

## VISITOR BENEFITS

- Exposure to Top Quality geospatial technology solutions under one roof.
- The most cost effective means of sourcing products, services and information in the geospatial industry.
- Direct personal access to the suppliers of the leading technology.
- The opportunity to question, examine and compare the performance of competitive suppliers from around the world.
- The most time efficient umbrella to keep up to date with new to market technology, state of the art products, innovations and developments in your market.
- Introducing new international companies to prospective regional partners and distributors
- An excellent track record of introducing thousands of international companies to new regional partners and distributors.

## EXHIBITORS BENEFITS

- Raise the profile of your company amongst Asia Pacific and global participants
- Reach out to larger number of clients both government departments and business enterprises, make new contacts
- Showcase your products and solutions; explain your offerings in detail
- Learn about the emerging trends in Geoinformatics
- Explore newer business opportunities and directions
- Forge closer association with your potential clients
- Understand the finer needs of your stakeholders; ensure that your business is suited to the requirements of the market
- Enhance your visibility and branding

## REGISTRATION FEE

CATEGORY	Malaysian (in RM)	Overseas (in USD)
GOVERNMENT / PRIVATE / ACADEMIC	1000	300
STUDENTS	500	150

\* Condition apply: additional 6% GST on registration fee



## CONTACTS

### AWARDS & PAPERS

**Deepali Roy**

[awards@geosmartasia.org](mailto:awards@geosmartasia.org)  
[papers@geosmartasia.org](mailto:papers@geosmartasia.org)

+6 017 666 7533

### GENERAL INFORMATION

**Kamal Aznam**

[info@geosmartasia.org](mailto:info@geosmartasia.org)

+6 012 238 6377

### EXHIBITION & SPONSORSHIP

**Wasim Akhtar**

[exhibition@geosmartasia.org](mailto:exhibition@geosmartasia.org)

+6 012 915 7533

### REGISTRATION

**Noor Baizura Baharudin**  
[registration@geosmartasia.org](mailto:registration@geosmartasia.org)

+6 012 396 2621

## GEOSMART ASIA 2015 SECRETARIAT

**GEOSPATIAL MEDIA ANWD COMMUNICATIONS SDN. BHD**

**D-5-13A, Block D, Capital 4, Oasis Square No. 2, Jalan PJU 1A/7A**

**Ara Damansara 47301 Petaling Jaya, Selangor, Malaysia, Tel: +6 03 7859 8411**