



The Institution of Geospatial and Remote Sensing Malaysia (IGRSM) successfully organised the 10th IGRSM International Conference and Exhibition on Geospatial & Remote Sensing (IGRSM 2020) on 20-21 October 2020. The conference was initially scheduled to be held on 17-18 March 2020 at Berjaya Times Square Hotel, Kuala Lumpur. However, in view of the evolving COVID-19 situation, it was postponed to October 2020 and held online: <http://www.igrsm.org/igrsm2020>

The conference, with the theme *Advancing Geospatial 4.0*, was aimed at disseminating knowledge, and sharing expertise and experiences in geospatial sciences in all aspects of applications. It also aimed to build linkages between local and international professionals in this field with industries.

The Gold Sponsors for the conference were Planet and MDA Geospatial Services Inc., the Silver Sponsor was Maxar in collaboration with Jurupro Sdn. Bhd., while the Sponsors were RIEGL in collaboration with GPS Lands (M) Sdn. Bhd., National Geospatial Centre (PGN), RedPlanet Solutions (M) Sdn. Bhd. and MetaSensing.



The co-organisers of the conference were Universiti Putra Malaysia (UPM), Science & Technology Research Institute for Defence (STRIDE), Universiti Teknologi Malaysia (UTM), Universiti Utara Malaysia (UUM), International Islamic University Malaysia (IIUM), Forest Research Institute of Malaysia (FRIM), GIS Innovation Sdn. Bhd. and GPS Lands (M) Sdn. Bhd. IEEE Geoscience & Remote Sensing Society (GRSS) Malaysia Chapter was a Supporting Organiser, while the Media Partners were GeoConnexion, My Dear Drone, Coordinates and Geospatial World.

Highlights of the conference include:

- Officiation by YB Khairy Jamaluddin bin Abu Bakar, Minister of Science, Technology & Innovation

- Keynote presentations by:
 - YBrs. Tn. Hj. Gs. Azlikamil bin Hj. Napih, Director General, Malaysian Space Agency (MYSA): *Remote Sensing's Role in the New National Space Policy*
 - YBhg. Dato' Sr. Dr. Azhari Mohamed, Director General of Survey and Mapping Malaysia, Department of Survey and Mapping Malaysia (JUPEM): *Geospatially Speaking, Just Where on Earth Are We Now?*
 - Prof. Dr. Wataru Takeuchi, Remote Sensing of Environment and Disaster Laboratory (RSED), Institute of Industrial Science, University of Tokyo, Japan: *Geospatial Technologies Towards One World, One Health and One Earth*
 - Mr. Jonathan Ong and Mdm. Siti Baizura Alidin, Planet: *How Planet's Agile Aerospace Approach Pushes the Boundaries of Geospatial*
 - Mr. Paul Kennedy, Vice President Earth Observation Systems, MDA Geospatial Services Inc.
 - Mr. Johnny Ngo, Head of Sales Engineering APAC, Maxar, US: *Maxar Legion Constellation: Empowering the New Era of Earth Imaging & Insights*
- Solution Provider presentations by:
 - Mr. Marcos Garcia, Business Development Manager, RIEGL in collaboration with GPS Lands: *Better Scanner Utilization with RIEGL's New RiMAP GIS Software*
 - Sr. Ismail bin Hussin, Principal Assistant Director, Policy & Outreach Section, Policy Development, Standards & Outreach Branch, National Geospatial Centre (PGN): *Geospatial Information Sharing in IR 4.0: Speed Up Production, Meet the Standard*
 - Mr. Mohamad Azhar Ahmad, Chief Operating Officer, Redplanet Solutions (M) Sdn. Bhd.: *Redplanet Data Acquisition Services*
 - Mr. Simone Placidi, Managing Director, Metasensing AP Pte. Ltd.: *MetaSensing SAR Solutions: From Ground to Space*
- VVIP Roundtable Discussion, which was be participated by:
 - YBhg. Prof. Gs. Dr. Abdul Rashid Mohamed Shariff, President of IGRSM
 - YBrs. Tn. Hj. Gs. Azlikamil bin Hj. Napih, Director General, Malaysian Space Agency (MYSA)
 - Mr. Andrew Brockfield, Vice President of Sales in the Asia Pacific Region, Planet
 - Mr. Paul Kennedy, Vice President Earth Observation Systems, MDA Geospatial Services Inc.
- A total of 107 oral and poster presentations on Technology Trends, Navigation, Big Data, Forestry, Agriculture, Infrastructure & Urban Planning, Land Use / Land Cover Mapping, Disaster Management, and Environmental Monitoring



The following awards were presented during the conference's closing ceremony:

- **Best Paper:** *SmartKADASTER Interactive Portal (SKiP), Is It Fit for Purpose?:* Nur Zurairah Abdul Halim and Chan Keat Lim
- **Best Student Paper:** *An Approach for the Retrieval of Land Surface Temperature from the Industrial Area Using Landsat-8 Thermal Infrared Sensors:* Mohammed Dahiru Zakari and Mazlan Hashim

- **Best Presentation:** *Data Integration with a Twist*: Lyes Mokraoui
- **Best Poster:** *Visualizing Distribution of Common Livestock Disease in Perak State Using Geographical Mapping from Year 2017 to 2019*: Mohammad Masrin Azami, Fakhrolisham Razali, Sharil Azwan Mohd Zain, Zaini Che Mamat, Aisya Naama Tulis and Faizah Hanim Mohd Saied

The proceedings of the conference has been published in IOP Conference Series: Earth & Environmental Sciences and is available at: <https://iopscience.iop.org/issue/1755-1315/540/1>

We would like to thank all parties involved in making the conference a success, including keynote speakers, session chairpersons, presenters, organising and technical programme committees, student volunteers, as well as many others of various roles.