

GIS & REMOTE SENSING MIDDLE EAST 2022 CONFERENCE & EXPO

DIGITAL TRANSFORMATION – THE KEY TO GESPATIAL 4.0

28 & 29 June 2022 Dubai, United Arab Emirates

Program

Event Partners



Official Publications

GeoConnexion

aec online
www.aeconline.ae

Day 1: Tuesday 28 June 2022

8.00 – 9.00 Delegate arrival and registration

9.00 **Opening remarks by Conference Chair**

Dr. Hany Omar, BIM Expert & Editorial Board Member
International Journal of BIM & Engineering Science

9.10 **Latest developments with GIS applications at the Municipality and digitization of maps**

Ahmed Hassan Ahmed Al Shihe, GIS Center, **Dubai Municipality**

9.30 **Presentation by Mohamad Khodr Al-Dah, Director – Survey Department, Dubai Land Department**

9.50 **Role of GIS and Remote Sensing for urban planning and infrastructure development**

Eng. Saif Matar Alqaydi, Head of GIS Section, **Ministry of Energy & Infrastructure**

10.10 Sponsor Presentation

10.30 Morning tea & coffee break and expo viewing

- 11.00 Digital Transformation & Automation using GIS & Geo Solutions**
Adel Al Tamimi, Director of GIS & Geo-Solutions, **Dubai Electricity & Water Authority (DEWA)**
- 11.20 GIS applications and SDI initiative in Ras Al Khaimah, and how it is creating a more sustainable urban environment**
Eng. Aaasha Shehhi, GIS Center Director, **Ras Al Khaimah Municipality**
- 11.40 End-to-End Solutions in Remote Sensing as a key driver for Geospatial 4.0**
Saeed Al Mansoori, Senior Manager, Applications Development & Analysis Section, **Mohammed Bin Rashid Space Centre**
- 12.00 Sponsor Presentation**
- 12.20 Q & A Interactive Panel Session: How will the geospatial and remote sensing industry change in the Fourth Industrial Revolution?**
Mohamad Khodr Al-Dah, Director – Survey Department, **Dubai Land Department**
Ahmed Hassan Ahmed Al Shihe, GIS Center, **Dubai Municipality**
Eng. Saif Matar Alqaydi, Head of GIS Section, **Ministry of Energy & Infrastructure**
Saeed Al Mansoori, Senior Manager, Applications Development & Analysis Section, **Mohammed Bin Rashid Space Centre**
- 12.50 Networking lunch and expo viewing**
- 1.50 Introducing new standards and APIs**
Scott Simmons, Chief Standards Officer, **Open Geospatial Consortium (OGC)**
- 2.10 Actionable insights from analyzing the remote sensing data with AI & Deep Learning**
Mustafa Almusawa Alhashemi, Founder and CEO, **Smart Navigation Systems (SNS)**
- 2.30 Google's mission to organise information and role that Geography plays in that - "The map of the future is no map"?**
Ed Parsons, Digital Geographer, **Google**
- 2.50 Afternoon tea & coffee break and expo viewing**
- 3.20 Presentation by FEDS**
- 3.40 Disruptive Technologies as a key driver for Geospatial 4.0: AI as a case study**
Amjad Gawanmeh, **UAE chapter of IEEE Geoscience and Remote Sensing Society** & Associate Professor, **University of Dubai**
Dr. Marwa Chendeb Elrai, Vice-Chair, **UAE chapter of the IEEE Geoscience and Remote Sensing Society**, & Part time Instructor, **University of Dubai**
- 4.00 Q & A Interactive Panel Session: Industry and Academy collaboration in the field of geospatial solutions – taking new and innovative geospatial technology to the next level**
Ed Parsons, Digital Geographer, **Google**
Mustafa Almusawa Alhashemi, Founder and CEO, **Smart Navigation Systems (SNS)**
Amjad Gawanmeh, **UAE chapter of IEEE Geoscience and Remote Sensing Society** & Associate Professor, **University of Dubai**
Dr. Marwa Chendeb Elrai, Vice-Chair, **UAE chapter of the IEEE Geoscience and Remote Sensing Society**, & Part time Instructor, **University of Dubai**
- 4.30 Closing remarks from the Conference Chair and close of day one**
- 4.35 Close of Day One**

Day 2: Wednesday 29 June 2022

8.30 – 9.00 Arrival tea & coffee

9.00 Opening remarks by Conference Chair: Challenges within GIS of data accuracy and allocation

Alex Jevremov, Managing Director, **ABC Surveys**

9.10 Application and provision of state-of-the-art geospatial services at Ajman Municipality

Eng. Suaad Al Durah, Head Of Spatial Data Management & Development,
Ajman Municipality

9.30 Strategies for investment and growth by the private sector in the space sector

Speaker TBC

9.50 Geospatial trending technologies focusing on GeoAI, remote sensing, GIS/BIM integration, and digital twins

Mohammad Bany Younes, Geospatial Systems Integration Manager - Gulf Region,
Khatib & Alami

10.10 Application of GIS and other spatial technology in urban facilities management.

Speaker TBC

10.30 Morning tea & coffee break and expo viewing

11.00 Artificial Intelligence Design Process in construction

Asmaa Abouleish, BIM Manager, **Span Steel Construction**

Interactive Workshop

11.20 Interactive Workshop: Applying new standards and APIs

Scott Simmons, Chief Standards Officer, **Open Geospatial Consortium (OGC)**

12.50 Close of workshop

12.50 Refreshments and networking

1.45 Close of Day Two

About GIS & Remote Sensing Conference & Expo 2022

This is the region's main event in 2022 for the GIS and remote sensing community. Event Partners include two global industry organizations the **Open Geospatial Consortium (OGC)** and **buildingSMART International**, **Dubai Municipality** and **Dubai Land Department**.

It is an excellent and unprecedented opportunity to raise your organisation's profile and promote your products and services to major users of GIS, remote sensing and related spatial technology

FUTURE OF GIS AND REMOTE SENSING STARTS HERE!

Event theme is ***Digital Transformation: The Key To Geospatial 4.0*** and includes a 2-day conference and workshop covering all the latest developments in technology, applications, platforms and standards.

Conference program will also explore the latest in, data capture techniques and analysis, digitization, technology implementation, integration with BIM and other spatial technology, role of AI, and effective digitization of maps. It will also include leading-edge case studies and presentations that will demonstrate latest role of GIS in sustainable land management, urban planning, infrastructure development and management, oil & gas, utilities, and tackling climate change issues. An interactive workshop on afternoon of day two will cover Open GIS and OGC standards.

Presentations will be made by government and private sector that are leaders in these areas, including representatives from major international organizations.

NETWORK, MEET YOUR TARGET MARKET, AND DO BUSINESS!

Attendees will be drawn from organizations that utilize GIS and remote sensing technology, including government; municipalities; land management; urban planning; water and electricity utilities; oil & gas; transport management; real estate; construction; civil engineering; telecommunications; emergency services; ports & waterways; infrastructure; consultants; technology providers; and industry associations.

Adjacent to the strategic level conference is the expo area where event sponsors and exhibitors will showcase the latest in GIS and Remote Sensing technology to delegates during the conference breaks. Sponsorship provides real promotional opportunities up to and during the event itself. They provide varying levels of benefits tailored to your requirements making this the ideal one-stop-shop to network with the industry and increase your business potential!

This event offers real promotional opportunities to raise your organizations profile and promote products and services up to and during the whole event itself. This makes it the ideal one-stop-shop to network with the industry and increase your business potential.



Contact Us:

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For further event details, please visit <https://www.meteklive.com/gis>