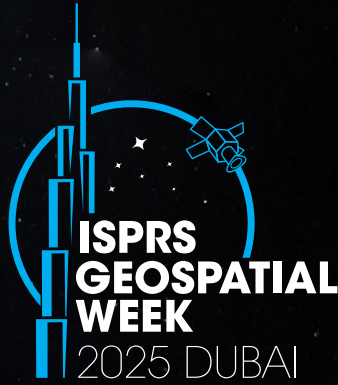
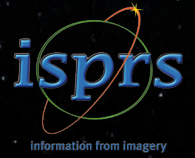


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# PRESS BRIEF

DAY 3



## Geospatial Week 2025 Day 3: Addressing Global Challenges and Youth Empowerment Through Space and Geospatial Innovation

**Dubai, 9 April 2025:** Day 3 of Geospatial Week 2025 witnessed a renewed focus on the role of advanced geospatial technologies in addressing global challenges and a showcase of innovations by the youth in the sector. Hosted by the Mohammed Bin Rashid Space Centre (MBRSC) in collaboration with the International Society for Photogrammetry and Remote Sensing (ISPRS), the event, which kicked off on Monday, continued at the Dubai World Trade Centre, drawing in experts, professionals, and students from around the world.

One of the key highlights was the plenary session titled “Mapping the Future: How Photogrammetry and Remote Sensing Drive Climate Solutions and Disaster Management.” The session brought together a panel of international experts to explore how data-driven tools like satellite imagery, aerial mapping, and AI-powered analytics are transforming the way we tackle environmental challenges. Discussions ranged from flood prediction and post-disaster recovery to monitoring deforestation and protecting vulnerable coastlines. Panellists underscored the importance of global cooperation, real-time data sharing, and the integration of AI in enhancing the speed and accuracy of geospatial analysis for climate resilience and humanitarian response.

The Students & Young Professionals Event was also held at both the Dubai World Trade Centre and Sharjah Academy for Astronomy, Space Sciences &



Technology (SAASST). Organised by MBRSC and ESGRS in collaboration with the ISPRS Student Consortium, the event created a dynamic platform for youth engagement, knowledge exchange, and innovation. Students and early-career professionals were immersed in a day of inspiration and learning — from engaging talks by UAE space leaders and ISPRS experts to hands-on workshops in CubeSat development, deep learning applications, and geospatial project showcases from the UAE’s top universities. The experience culminated in a gala dinner and a stargazing session, offering attendees an opportunity to connect under the night sky and reflect on the possibilities ahead.

Meanwhile, throughout the day, technical sessions and oral presentations continued to spotlight cutting-edge research and applications in geospatial science. Topics included semantic scene analysis and 3D reconstruction, autonomous vehicle navigation systems, smart forestry and agriculture, digital construction, intelligent uncrewed vehicle mapping systems (IUVS), and remote sensing for urban monitoring. A specialised workshop on Advanced Autonomous Applications further brought together experts to discuss the latest advancements in intelligent systems that operate in complex, real-world environments without human intervention.



# Spotlight: Exhibitors



The Federal Geographic Information Center is participating in Geospatial Week 2025, as the event serves as a global platform that highlights the importance of the geospatial sector, both within the UAE and globally. Through our participation, we aim to showcase the Centre's strategic objectives in promoting geospatial awareness among individuals and institutions, while also highlighting our efforts in sector governance and the development of its regulatory framework.

Our platform features a range of strategic projects, foremost among them the Union Atlas project, along with several initiatives related to geospatial references that support decision-making and sustainable planning.

## Eng. Anwar Mohammed AlShammari

Executive Director of the Geospatial Data Governance Sector



The participation of the General Authority for Survey and Geospatial Information in the activities of Geospatial Week 2025 reflects the Authority's leading position in the field of geospatial information and its pivotal role in building and developing the national geospatial infrastructure within the Kingdom of Saudi Arabia.

Over the first three days of the event, the Authority's pavilion welcomed a large number of students, enthusiasts, and specialists from around the world, who came to learn about the Authority's key projects and its significant contributions to the advancement of this sector both regionally and internationally.

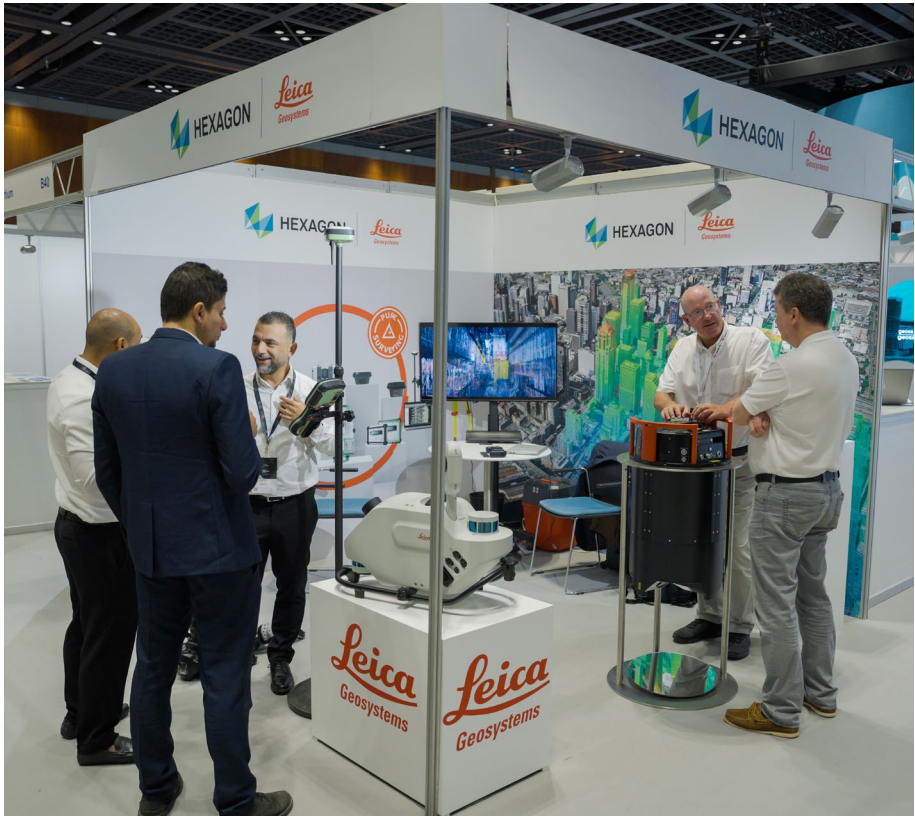
## Fatima Fahad AlShammari

Media Advisor and Official Spokesperson





# Glimpses from GSW 2025 Exhibition





# Oral Presentations





# GSW 2025 Participants Visit MBRSC

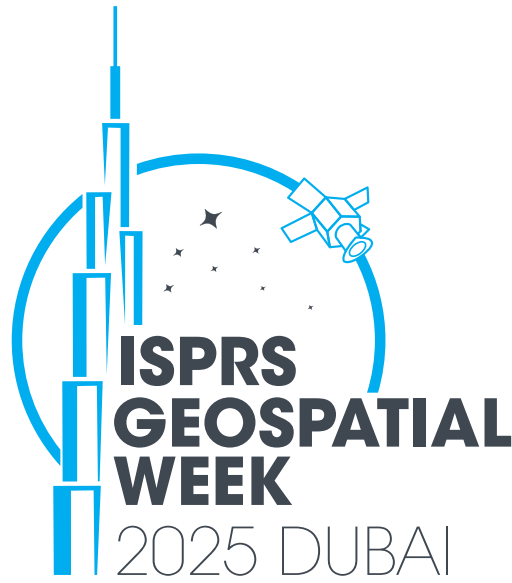




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