
Geospatial AI

(Half day program)

Chair: [Peter Srajer](#)

Description: The program aims to explore various dimensions of machine learning and artificial intelligence focusing on geospatial applications as well as technology Geospatial AI is transforming the speed at which we extract meaning from complex datasets, thereby aiding us in addressing the earth's most pressing challenges. It reveals and helps us perceive intricate patterns and relationships in a variety of data. We will dive into the potential of geomatics in addressing this exciting new field.

Program components: 1 keynote, 1 panel, 4 talks

Day 2 - Talks in theatre 4, panel in panel theatre

Time	Speaker/Talk	Length	Activity
Tuesday October 29 09:00 AM - 09:30 AM	Geospatial AI break	30 min	Break
Tuesday October 29 09:45 AM - 10:15 AM	Peter Srajer - Geospatial Data and Artificial Intelligence – a project dive into GeoAI	30 min	Talk
Tuesday October 29 10:30 AM - 11:00 AM		30 min	Break
Tuesday October 29 11:00 AM - 11:30 AM	Mohammed Ahmed - Missing Road Detection Using Deep Learning Techniques in ArcGIS	30 min	Talk
Tuesday October 29 11:45 AM - 12:15 PM	MJ Valiquette - Advancing The Flood Hazard Identification And Mapping Program (FHIMP): Innovation In Hazard Data Dissemination And Adaptation	30 min	Talk
Tuesday October 29 12:15 PM - 01:15 PM	Lunch	60 min	
Tuesday October 29 02:15 PM - 03:05 PM	Panel - Unlocking Efficiency: Harnessing Artificial Intelligence (AI) in Infrastructure and Utility Modeling	50 min	Panel
Tuesday October 29 04:30 PM - 05:00 PM	Bryn Fosburgh - Geomatics: The Next Digital Revolution	30 min	Keynote

Day 3 - Theatre 2

Time	Speaker/Talk	Length	Activity
Wednesday October 30 11:00 AM - 11:30 AM	Jeff Benjamin - Leveraging UAVs and GIS Machine Learning to Support Airport Runway Rehabilitations	30 min	Talk