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# Geomatics for the Public Good (1 day program)

**Chair:** Jonathan Murphy

**Description:** This program provides a platform for public servants to present their successful implementations of geomatic technologies. The program, will feature presentations from various departments demonstrating how geospatial innovations have addressed modern challenges and improved public welfare.

**Program components:** 1 keynote, 2 panel, 12 talks

## Day 2 - Theatre 2

Time	Speaker/Talk	Length	Activity
Tuesday October 29 09:00 AM - 09:30 AM	Dr. Gordon Osinski - Why Space Matters to Canada	30 min	Keynote
Tuesday October 29 09:45 AM - 10:00 AM	Scott Vegter - Human Footprint Datasets for Alberta: Mapping and Monitoring in Support of Land and Resource Management	15 min	Talk
Tuesday October 29 10:00 AM - 10:15 AM	Jiaao Guo - Democratizing and Operationalizing Satellite-based Vegetation Recovery Monitoring in Canadian Boreal Forests	15 min	Talk
Tuesday October 29 10:15 AM - 10:30 AM	Sharlene Fritz - Pairing Geospatial Datasets with Local Knowledge for Landscape Management Planning in the Ghost Region of AB	15 min	Talk
Tuesday October 29 10:30 AM - 11:00 AM		30 min	Break
Tuesday October 29 11:00 AM - 11:15 AM	Jesse Viehweger - Lidar and AI Based Seismic Line Mapping in Caribou Ranges in Boreal Alberta, Canada "	15 min	Talk
Tuesday October 29 11:15 AM - 11:30 AM	Mir Mustafizur Rahman - Fusion of Lidar and Machine Learning Methods for Vegetation Classification on Human Footprint Features in Boreal Alberta, Canada	15 min	Talk
Tuesday October 29 11:30 AM - 11:45 AM	Miguel Arias - Accuracy, Uncertainty and Biases in the Human Footprint Mapping in British Columbia	15 min	Talk
Tuesday October 29 11:45 AM - 12:00 PM	JPRamirez-Delgado - High-Resolution Human Pressure Mapping for Improved Cumulative Effects Assessment in British Columbia	15 min	Talk

## Day 2 - Theatre 3

Time	Speaker/Talk	Length	Activity
Tuesday October 29 11:00 AM - 11:30 AM	Aaron Licker - Upgrading the Value of Your Data Using Geospatial Analysis	30 min	Talk
Tuesday October 29 11:45AM - 12:15 AM	Kris Kwiatkowski - Empowering Project Lifecycles with Geomatics Positioning for Enhanced Data Utilization	30 min	Talk

## Day 3 - Talks in theatre 2, panel in panel theatre

Time	Speaker/Talk	Length	Activity
Wednesday October 30 01:15 PM - 01:45 PM	Carina Butterworth - The Effect of Creative Teaching and Radical Constructivism in Geomatics Education	30 min	Talk
Wednesday October 30 02:00 PM - 02:30 PM	Kenneth Ang - Multi Disciplinary Geomatics for Environmental Mangement	30 min	Talk

## Day 3 - Theatre 4

Time	Speaker/Talk	Length	Activity
Wednesday October 30 02:45 PM - 03:15 PM	Victoria Fast -Transforming Urban Accessibility with Geospatial Solutions	30 min	Talk

## Day2 & 3 panels in panel theatre

Time	Panel	Length	Activity
Tuesday October 29 03:15 PM - 04:05 PM	Public Good Break	50 min	Break
Wednesday October 30 10:00 AM 10:45 AM	Geo-Entrepreneurship: Navigating Your Geospatial Business	50 min	Panel