

Hydrospatial for Water Resilience Program

(1 day program)

Chair: [Mark Empey](#)

Description: The program aims to explore various dimensions of water resilience, focusing on the integration of geospatial technologies. From flood risk management to bathymetry and geospatial water datasets, we will dive into the potential of geomatics in addressing pressing water challenges.

Program components: 2 keynotes, 1 panel, 5 talks

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

Time	Speaker/Talk	Length	Activity
Tuesday October 29 09:00 AM - 09:30 AM	Pierre Tardiff - The new Canadian Hydrospatial Network (CHN)	30 min	Talk
Tuesday October 29 09:45AM - 10:15 AM	Mike Mutschler - Mapping and Managing of Resources in the Marine Environment	30 min	Talk
Tuesday October 29 10:30 AM - 11:00 AM		30 min	Break
Tuesday October 29 11:00 AM - 11:50 AM	Panel - Leveraging Geospatial Technology for Informed Water Policy		Panel
Tuesday October 29 12:15 PM - 01:15 PM		60 min	Lunch
Tuesday October 29 01:15 PM - 01:45 PM	Dr. Zahidul Islam & Tachara Larocque - Alberta's Flood Hazard and Fluvial Hazard Identification Initiatives	30 min	Keynote
Tuesday October 29 02:00 PM - 02:30PM	Mary Ellen Shain - Riparian Web Portal: Harnessing Geomatics for Watershed Conservation	30 min	Talk
Tuesday October 29 02:45 PM - 03:15 PM		30 min	Break
Tuesday October 29 03:15 PM - 03:45 PM	Jennifer Hird - Monitoring algal blooms on small to medium Alberta lakes with satellite remote sensing	30 min	Talk
Tuesday October 29 04:00 PM - 04:30 PM		30 min	Talk
Tuesday October 29 04:00 PM - 06:00 PM	Meetup	120 min	Social

Day 3 - Theatre 3

Time	Speaker/Talk	Length	Activity
Wednesday October 30 02:45 PM - 03:15 PM	Dr. Chris Hopkinson - Testing a Lidar-Based Sampling and Imputation Framework to Model Regional-Scale Mountain Snow Water Equivalent for Drought Mitigation	30 min	Keynote