

BC Geophysical Society - Spring Workshop - 12 May 2022

Drones in Geoscience

Co-Chairs: Dennis Woods & Ron Bell

Start Time	End Time	Organization	Speaker	Title
7:30	8:19	Registration @ SFU Harbour Centre - Fletcher Challenge Theatre (Room 1900) 515 West Hastings Street, Vancouver, BC		
8:20	8:30	BCGS	Dennis Woods	Welcome and opening remarks
8:30	9:00	Drone Geoscience, LLC	Ron Bell	The Elegance of Drone Geoscience
9:00	9:30	Groundradar Inc.	Jan Franke	Challenges and Opportunities of Drone GPR
9:30	10:00	NAV Canada	Alan Chapman	Drones and the Airspace: Current Operations and Future Needs
10:00	10:30	Morning Coffee Break / Display Booths in Concourse		
10:30	11:00	Coastal Drone	Ian Willis	How I learned to love the RPAS; or Flying Drones Legally and Safely in Canada
11:00	11:30	Radiation Solutions Inc.	Nicolas Martin-Burtart	Radiometric Data collected with an UAV: Pre-flight and Post processing
11:30	12:00	British Columbia Geological Survey	Travis Ferbey	Can remotely piloted aircraft-borne radiometrics and magnetics detect Dispersal trains in subglacial tills?
12:00	13:00	Lunch / Display Booths in Concourse		
13:00	13:10	IAGSA	Lance Martin	Reporting Drone Geoscience survey activity to the International Airborne Geophysics Safety Association
13:10	13:40	Measur	Rees Pillizzi	Large Area UAV LiDAR Mapping: Trinity F90+ with Qube 240 LiDAR
13:40	14:10	Candrone	Zane White	Photogrammetry and LiDAR - The Facts and Myths About Modelling Our World in 3D via UAV
14:10	14:40	BVLOS InC	Steve Donovan	VLOS to BVLOS Protocols, Challenges and Solutions
14:40	15:10	Afternoon Coffee Break / Display Booths in Concourse		
15:10	15:40	Pioneer Exploration	Michael Burns	Lessons Learned in an Emerging Drone-Based Geophysics Industry
15:40	16:10	Seequent	Laura Quigley	UAV Geophysics Workflow for your Magnetometer Data
16:10	16:40	BCIT	Eric Sazuk	Drone-based Gas Sniffing
16:40	16:55	Terra Entheos Geoscience	Geoff Pettifer	NSG Inter-Society Committee on UAV Geophysics Guidelines and Standards: Drone Magnetic Guidelines
16:55	17:05	BCGS	Ross Polutnik	Closing remarks
17:30	19:30	Reception @ Moose's Down Under Basement, 830 West Pender Street, Vancouver, BC, V6C 1J8		

