

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 | 8:20 | 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 | Keynote: 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 | | |



Discovery
Drone
Geophysics

