

**British Columbia Geophysical Society - Spring Workshop - 13 May 2022**  
**Drones in Geoscience - Field Demonstrations**

Co-Chairs: Dennis Woods & Ron Bell

| Start | End   | Organization  | Demonstrators / Speakers                              | DEMONSTRATION DESCRIPTION  |  |
|-------|-------|---|---|--|--|
| 9:15  | 9:45  | BCGS  | Jamie Otterson  | Safety meeting at the Air Boss table in accordance with our SFOC; mandatory for 1 representative from each demonstrating company to be present   |  |
| 9:45  | 10:00 | BCGS  | Dennis Woods<br>Ron Bell                              | <i>Welcome and opening remarks</i>   |  |
| 10:00 | 10:30 | Discovery International Geophysics                    | Dennis Woods<br>Jamie Otterson                        | <b>UAV: Skyfront Perimeter 8 &amp; WingtraOne</b><br><b>Sensors: DroneSAM &amp; MagArrow</b><br>(flown by Pioneer Exploration Consultants)   |  |
| 10:30 | 11:00 | Candrone  | Tom Kitto<br>Van Dinh                                 | <b>UAV: Alta X</b><br><b>Sensor: Draganfly Long Range LiDAR</b>  |  |
| 11:00 | 11:30 | <b>Morning Coffee Break / Display Table Viewing</b>   |   |  |  |
| 11:30 | 12:00 | Turntech Solutions Inc.                               | Mia Gabrielson<br>Ian Wills                           | <b>UAV: DJI Matrice 300 RTK</b><br><b>Sensors: H20T (RGB camera, zoom, thermal, lidar) &amp; P1</b>  |  |
| 12:00 | 12:30 | BCIT  | Eric Saczuk   | <b>UAV: DJI Matrice M300 RTK</b><br><b>Sensors: SoarAbility Gas Sniffer4D v2</b>   |  |
| 12:30 | 13:15 | <b>Lunch / Display Table Viewing</b>                  |   |  |  |
| 13:15 | 13:45 | Measur  | Rees Pillizzi<br>Denon Wilgosh                        | <b>UAV: Trinity F90+ Fixed-Wing VTOL plane</b><br><b>Sensors: Qube 240 LiDAR</b>   |  |
| 13:45 | 14:15 | Geodrones Systems Inc.                                | Hao Qing<br>Cindy pan                                 | <b>UAV: DJI Matrice 300 RTK</b><br><b>Sensors: Custom designed mag sensor paired with real-time data interpolation</b>   |  |
| 14:15 | 14:45 | <b>Afternoon Coffee Break / Display Table Viewing</b> |   |  |  |
| 14:45 | 15:15 | Pioneer Exploration Consultants                       | Kiya Parvar<br>Michael Burns<br>Juan Gonzalez         | <b>UAV: Blacksquare SAS Hercules X8</b><br><b>Mounted extra weight for 25kg take off</b>   |  |
| 15:15 | 15:45 | Terraplus Inc.  | Patrick Hamer-Meunier<br>Michael Wilson (GEM Systems) | <b>UAV: Blacksquare SAS Hercules X8 and X4</b><br><b>Sensors: GEM Sytems DroneMAG &amp; VLF-EM</b><br>(flown by Pioneer Exploration Consultants)   |  |
| 15:45 | 16:00 | Drone Geoscience                                      | Ron Bell  | <i>Closing remarks</i>   |  |
| 17:00 | 19:30 | BCGS  | <b>Everyone invited</b>                               | <b>Wild Wing at Scotia Barn Canlan Ice Sports Complex - join the BCGS crew and event organizers for a bit of drone geoscience networking and raise a glass to toast a successful conclusion to an ambitious and stimulating day spent Droning On for Geoscience.</b> |  |

**DEMO LOCATION**

**Burnaby Lakes Sports Complex**  
**East Fields 3 & 4**  
**3520 Sperling Ave, Burnaby**

