<table>
<thead>
<tr>
<th>Time</th>
<th>Presentation</th>
<th>Speaker</th>
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<tbody>
<tr>
<td>7:00–8:00</td>
<td>CONTINENTAL BREAKFAST AND REGISTRATION</td>
<td></td>
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<tr>
<td>8:00–8:10</td>
<td>Welcome / Introductions / Opening Remarks</td>
<td>Bruce Mayer, Assistant Deputy Minister, Forestry Division, Alberta Agriculture and Forestry</td>
</tr>
<tr>
<td>8:10–8:55</td>
<td><strong>Key Note Address</strong> Digital aerial photogrammetry (DAP) versus airborne laser scanning (ALS) data: exploring trade-offs for forest management</td>
<td>Joanne White, Research Scientist, Forest Inventory and Analysis, Pacific Forestry Centre, Canadian Forest Service, Natural Resources Canada</td>
</tr>
<tr>
<td>8:55–9:40</td>
<td><strong>Key Note Address</strong> Identifying and mapping the species of individual trees using standard lidar, multispectral lidar, and photogrammetric point clouds</td>
<td>Benoit St. Onge, Professor, Department of Geography, Faculty of Human Sciences, Université du Québec à Montréal</td>
</tr>
<tr>
<td>9:40–10:00</td>
<td>Current research in lidar applications for Canadian forests (an overview of AWARE, results to date)</td>
<td>Piotr Tompalski, Research Associate, Integrated Remote Sensing Studio, Faculty of Forestry, University of British Columbia</td>
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<tr>
<td>10:00–10:20</td>
<td>HEALTH BREAK</td>
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<tr>
<td>10:20–11:20</td>
<td><strong>Industry rapid fire session</strong> Various</td>
<td>Various</td>
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<tr>
<td>11:20–11:40</td>
<td>Operational use of earth observation in energy regulatory delivery</td>
<td>Todd Shipman, Manager of the Landscapes and Geohazards Group, Alberta Geological Survey</td>
</tr>
<tr>
<td>11:40–12:00</td>
<td>The Forestry Geospatial Platform: Putting research in action</td>
<td>Kevin Lim, President &amp; CTO, Lim Geomatics</td>
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<tr>
<td>12:00–1:00</td>
<td>LUNCH</td>
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<tr>
<td>1:00–1:20</td>
<td>Meeting Forest Management Branch's strategic needs with remote sensing</td>
<td>Christopher Bater, Forest Management Specialist, Forestry Division, Alberta Agriculture and Forestry</td>
</tr>
<tr>
<td>1:20–1:40</td>
<td>Enhanced forest inventory: Seeing the forest for the trees</td>
<td>Adam Dick, Forest Research Project Leader, Canadian Wood Fibre Centre, Canadian Forest Service, Natural Resources Canada</td>
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### Day 1 Wednesday, October 24, 2018

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<thead>
<tr>
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<tbody>
<tr>
<td>1:40–2:00</td>
<td>Enhanced forest inventory developments in Québec</td>
<td><strong>Antoine Leboeuf</strong>, Supervisor, Department of Remote Sensing, LiDAR and Photo-interpretation, Ministère des Ressources naturelles du Québec</td>
</tr>
<tr>
<td>2:00–2:20</td>
<td>Battle Royale? The development of a remote sensing FRI for Saskatchewan</td>
<td><strong>Lane Gelhorn</strong>, Forest Inventory Specialist, Forest Inventory, Saskatchewan Ministry of Environment</td>
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<tr>
<td>2:20–2:40</td>
<td>HEALTH BREAK</td>
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<td>2:40–3:00</td>
<td>To be announced</td>
<td><strong>Isaac Laboucan-Avirom</strong>, Chief, Woodland Cree First Nation</td>
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<td>3:00–3:20</td>
<td>Remote sensing applications for strategic and operational forestry</td>
<td><strong>Grant McCartney</strong>, Forest Information Systems Coordinator, Chief Forester’s Group - Ontario, RYAM Forest Management, Rayonier Advanced Materials</td>
</tr>
<tr>
<td>3:20–3:40</td>
<td>Remote sensing for forest restoration</td>
<td><strong>Greg McDermid</strong>, Professor, Department of Geography, University of Calgary</td>
</tr>
<tr>
<td>3:45–4:00</td>
<td>Assessing the status of forest regeneration using digital aerial photogrammetry and unmanned aerial systems</td>
<td><strong>Tristan Goodbody</strong>, PhD Candidate, Department of Forest Resources Management, University of British Columbia</td>
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<td>4:00–5:30</td>
<td>RECEPTION</td>
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### Day 2 Thursday, October 25, 2018

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<thead>
<tr>
<th>Time</th>
<th>Presentation</th>
<th>Speaker</th>
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<tbody>
<tr>
<td>7:00–8:00</td>
<td>CONTINENTAL BREAKFAST AND REGISTRATION</td>
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<tr>
<td>8:00–8:45</td>
<td>Key Note Address</td>
<td><strong>Mikko Vastaranta</strong>, Associate Professor, Digitalization and Knowledge Leadership in Forest-based Bioeconomy, School of Forest Sciences, University of Eastern Finland</td>
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<td>Remote sensing supported forest management in Finland</td>
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<tr>
<td>8:45–9:30</td>
<td>Key Note Address</td>
<td><strong>Andrew T. Hudak</strong>, Research Forester, Rocky Mountain Research Station, Forest Service, United States Department of Agriculture</td>
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<td>Making best use of commercially available airborne lidar surveys for regional forest and fuels management</td>
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<tr>
<td>9:30–9:50</td>
<td>Wildfire management planning: Remote sensing needs for wildfire decision support</td>
<td><strong>Elizabeth Chapman</strong>, Wildfire Risk Specialist, Forestry Division, Alberta Agriculture and Forestry</td>
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<tr>
<td>Time</td>
<td>Session</td>
<td>Presenter and Affiliation</td>
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<td>9:50–10:10</td>
<td>Mapping fuels at different scales using remote sensing</td>
<td>Brian Simpson, Forest Analyst and Modeler, Northern Forestry Centre, Canadian Forest Service, Natural Resources Canada</td>
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<tr>
<td>10:10–10:30</td>
<td>HEALTH BREAK</td>
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| 10:30–10:50  | Ecological Land Cover – AVIE+LiDAR=DEP                                   | Beverly Wilson, Senior Resource Analyst, Forest Management Branch, Forestry Division, Alberta Agriculture and Forestry  
                |                                                                                          | Michael Willoughby, Land Information Management and Analysis Unit, Land Policy Branch, Policy and Planning Division, Alberta Environment and Parks |
| 10:50–11:10  | Pine mortality classification and utility of data set to managers        | Brooks Horne, Senior Forester, Forest Rehabilitation, Forestry Division, Alberta Agriculture and Forestry |
| 11:10–11:55  | Key Note Address                                                        | Lee Benda, Research geomorphologist, TerrainWorks                                         |
| 11:55–1:00   | LUNCH                                                                   |                                                                                          |
| 1:00–1:45    | Key Note Address                                                        | Gordon Stenhouse, Research Scientist and Program Lead, fRI Research Grizzly Bear Program  |
| 1:45–2:05    | Modeling understory forest communities for biodiversity and cultural values | Scott Nielsen, Associate Professor, Agricultural Life and Environmental Sciences, Department of Renewable Resources, University of Alberta |
| 2:05–2:30    | HEALTH BREAK                                                            |                                                                                          |
| 2:30–2:50    | Site index determination using remote sensing in central and northern Alberta | Ivan Bjelanovic, Research Assistant, Research Assistant-Forest Prod, Faculty of Agricultural, Life and Environmental Sciences, Department of Renewable Resources, University of Alberta |
| 2:50–3:10    | Geospatial means to monitor the state of biodiversity and human footprint in Alberta | Jahan Kariyeva, Director, Geospatial Centre, Alberta Biodiversity Monitoring Institute |
| 3:10–3:30    | Closing Thoughts                                                        | Nicholas Coops, Professor, Department of Forest Resources Management, University of British Columbia |