



OUR NAME IS INNOVATION

**CIF / FPIInnovations Excellence and Innovation in
Operational Block Planning Workshop
February 21, 2017 - Kenora**

Welcome!

- Excellent turnout!
- Wide variety of participants.
 - Forest industry.
 - Forest management.
 - Ministry of Natural Resources and Forestry.
 - Contractors.
 - Out of province participants.

Special Thanks

- Dana and CIF for help in promoting the event and taking registrations.
- Presenters for traveling from all over the country – you are appreciated!
- Folks for attending!
- Seven Generations for the excellent venue!
- For everyone working together to put this on:
 - We are at our very best when we work together!
 - We serve the industry best when we do this.

Agenda

- 8:00 AM to 8:15 AM: Welcome - Dana Collins RPF (Canadian Institute of Forestry, Toronto Ontario) and Dean Caron (FPInnovations, Kenora Ontario)
- 8:15 AM to 8:45 AM: Forest Planning Toolbox – Francis Charette F, eng., MBA (FPInnovations, Pointe Claire Quebec)
- 8:45 AM to 9:30 AM: Operational Block Planning 101 - John Bastone RPF (Domtar, Dryden Ontario)
- 9:30 AM to 10:00 AM: Costs and Benefits of Using LiDAR for Forest Operations - Matt Kurowski MSc, EIT (FPInnovations, Vancouver British Columbia)

Agenda Continued

- 10:00 AM to 10:30 AM: Networking Break and Workstation Demos (KBM, FRMG)
- 10:30 AM to 11:00 AM: Taming Drones For Forestry – John Pineau (FPInnovations, Mattawa Ontario)
- 11:00 AM to noon: Forest Road Restoration: The Challenge of Changing Expectations - Dave McNabb PhD, RPF (ForestSoil Science Ltd. Edmonton, Alberta)
- Noon to 1:00 PM: Lunch – Provided and Workstation Demos (KBM, FRMG)

Agenda Continued

- 1:00 PM to 2:00 PM: Technology demonstration and presentation: Airbourne Remote Sensing Applications in Forestry – Laird Van Damme RPF (KBM, Thunder Bay Ontario)
- 2:00 PM to 3:00 PM: Technology demonstration and presentation: Using SkyForest for Operational Planning – Al Foley RPF (First Resource Management Group, New Liskeard Ontario)
- 3:00 PM to 3:30 PM: Networking Break and Workstation Demos (KBM, FRMG)

Agenda Continued

- 3:30 PM to 4:00 PM: FPDat Showcase Project – Dean Caron (FPInnovations, Kenora Ontario) and John Bastone RPF (Domtar, Dryden Ontario)
- 4:00 PM to 4:30 PM: FPInnovations Forest Operations Capacity Building Overview – Dean Caron (FPInnovations, Kenora Ontario)
- 4:30 PM to 4:45 PM: Closing remarks – Dana Collins RPF (Canadian Institute of Forestry, Toronto Ontario) and Dean Caron (FPInnovations, Kenora Ontario)

Safety

- First aiders (Dean, others?)
- First aid kit (behind stage)
- Defibrillator (hallway outside Conference Centre)
- Fire extinguishers & alarm (at every exit).
- Emergency marshalling point: in front of main entrance in parking lot.
- 911 (location: Seven Generations Education Institute 240 Veterans Drive).
- Washrooms – (turn right outside Conference Centre, across hallway).
- Special health issues that we should be aware of – please approach us during a break.

Enjoy the Workshop!

- Copies of the presentations will be made available from the CIF website in the near future.
- Hope you enjoy your time in Kenora – thanks for visiting!



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Thank You!

Dean Caron,

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Presenter Bios

Francis Charette

- FPInnovations Associate Research Leader
- Forest Engineer
- Based out of Pointe Claire Quebec

John Bastone

- Ontario Registered Professional Forester
- Domtar Dryden Forestlands Strategic Planning Leader
- Over 35 years in the industry
- Lives in Sioux Lookout Ontario, works out of Dryden Ontario

Matt Kurowski

- FPInnovations Roads and Infrastructure Researcher
- MSc, EIT
- Based out of Vancouver, BC
- Matt uses his background in civil engineering and geography in several research streams at FPInnovations.

Matt Kurowski - Continued

- Working with the Resource Roads Group, he currently focuses on applying traffic simulation software and remote sensing to address traffic engineering and road safety.
- As part of the Knowledge Exchange Group he works with Canadian Wood Fibre Centre scientists to promote aerial LiDAR technology and enhanced forest inventory through case study development and knowledge transfer.
- He also applies his geographic information systems skills to support research in the Remote Sensing Group and the Modeling and the Decision Support Systems Group.

John Pineau

- Provincial Leader Ontario for FPInnovations since November 2014
- Executive Director of the Canadian Institute of Forestry – Institut forestier du Canada from 2006 to 2014
- Consultant to the Forestry Research Partnership and Tembec as Forest Science Extension Manager from 2000 to 2006
- Lake Abitibi Model Forest on a variety of projects including five years as Chair of their Education and Public Awareness Committee
- Ontario Ministry of Natural Resources (1979-1994) in a variety of locations and capacities including as a Tree Planter and Foreman, Forest Fire Fighter, Park Naturalist, Integrated Resource Management Technician, Planner, Communications Officer, and G.I.S. Specialist

John Pineau - continued

- He was employed by Millar Western Forest Products Ltd. in Alberta as G.I.S. Manager and Biologist from 1994-2000
- Degree in Biology from Trent University (1984) and a diploma in GIS Application Development from Fleming College (1991)
- Board of Directors of the Canadian Ecology Centre and the Canadian Ecology Centre Foundation, the Friends of the Petawawa Research Forest, and was recently appointed by the Premier of Ontario to the Board of the Algonquin Forestry Authority. He was a member of the Board of Trustees of the charity Forests without Borders from 2011 to 2013
- Based out of Mattawa Ontario

Dave McNabb

- B.Sc. Forest Management, and a M.Sc. Forest Soils from the University of Missouri-Columbia, and a Ph.D. in Soil Science (minor in soil engineering) from Oregon State University
- From 1978 to 1990, he conducted applied research and developed extension programs soils and site preparation in southwest Oregon as part of the faculty of the Dept. of Forest Engineering, OSU. The primary objective of the program was to develop effective practices to reforest sites where climate, site, soil and vegetation had a history of severely limiting reforestation

Dave McNabb - Continued

- In 1990, Dave joined the Alberta Environmental Centre (AEC - Vegreville) as a soil physicist where his first project was evaluating a new winged subsoiler to reclaim soil on temporary logging roads
- His focus on forestry increased to leading and managing staff on large studies of skidding impacts on soil and aspen regeneration
- Between 1996-2002 he transitioned from a scientist to manager of the Forest Resources Business Unit as AEC became part of the Alberta Research Council
- Since 2004, he has been promoting more effective practices in managing forest soils and soil restoration for both the energy and forestry sectors

Dave McNabb - Continued

- Since 2011, Dave has also been a sessional lecturer in Renewable Resources, University of Alberta where he teaches Forest Harvesting and Transportation, and guest lectures on soil compaction (soil physics course) and soil restoration (forest soils course)
- Dave has published over 40 peer-reviewed papers, a similar number of other papers, and organized and delivered dozens of technical programs in Oregon and Alberta (Rocky Mountain Section, CIF)
- In 1992, he received the Fraser Inc. Award for the best woodlands operations paper, “Planning Harvesting Operations to Protect Forest Soils”, presented by the Woodlands Section, Canadian Pulp and Paper Association

Dave McNabb - Continued

- Between 1996-99, Dave was invited to be one of two North American representatives on a United Nations, European Task Force to reduce harvesting impacts on soil in Europe

Laird Van Damme

- MScF, RPF
- Adjunct professor at Lakehead University
- Co-owner of KBM Resources Group
- Oversees consulting projects, research programs and business development within Central Canada's natural resource sectors
- Based out of Thunder Bay Ontario

Al Foley

- RPF
- President and Chief Operating Officer of First Resource Management Group Incorporated
- Based on of New Liskeard Ontario

Dean Caron

- HBSc Forestry Degree and Forest Technician Diploma from Lakehead University.
- Previous RPF in Alberta and Ontario. Working to re-obtain RPF status in Ontario (now that he is back in the industry).
- Approximately 29 years in the industry (direct and indirect).
- Worked in BC (Interfor Tofino - Engineering), Alberta (Canfor Hines Creek - Planning) and Northwestern Ontario (Weyerhaeuser Ear Falls – Area Leader, Weyerhaeuser Kenora – Aboriginal Business Development Leader, Boise Cascade Canada (Resolute) Fort Frances/Kenora - Student).
- Eight years with government (MNDM) doing economic development work.
- Been with FPIinnovations since April of 2015 (Industry Advisor – Forest Operations/Fibre Supply).
- Born, raised and based out of Kenora Ontario.



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