

Ecological Forestry Forum  
Nova Scotia Department of Lands and Forestry

June 25, 2019

## NATURAL DISTURBANCE REGIMES

### Project Objective

To establish and implement an approach for publication of a peer-reviewed scientific paper on Nova Scotia natural disturbance agents (fire, insects, wind), to subsequently inform a second peer-reviewed scientific paper on the methodology used to map Nova Scotia's natural disturbance regimes

### Project Team Lead

Mark Pulsifer, MSc (Biology), Project Manager, Lands and Forestry (L&F)

### Experts Involved

- Dr. David MacLean, PhD, emeritus professor, Forestry and Environmental Management, University of New Brunswick
- Dr. Anthony Taylor, PhD (Forest Ecology), MSc (Forestry), BSc (Environmental Biology), Forest Ecologist, Atlantic Forestry Centre, New Brunswick

### Key Deliverables

- Foundational scientific paper assessing Nova Scotia's natural disturbance regime agents, written by external experts with research support from L&F staff, and peer reviewed

### Expected Areas of Stakeholder and/or Public Participation (may not be limited to)

- Draft foundational scientific paper to be shared amongst targeted reviewers
- Final peer-reviewed foundational scientific paper will be posted online

### Next Steps and Timelines

- Summer 2019: Continue collecting and coordinating information on Nova Scotia's natural disturbance regime agents; Targeted stakeholder review of draft scientific paper
- Fall 2019: Incorporate stakeholder input into scientific paper, and submit to a scientific journal (yet to be identified) for peer review and feedback; Analyze and incorporate peer review feedback in scientific paper
- December 2019: Complete scientific paper and submit to journal editor for final review and printing

What are the key challenges to effective preparation of the foundational scientific paper on natural disturbance regime agents?