

Nova Scotia Department of Lands and Forestry

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 Engagement (may not be limited to)

- 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
- Fall 2019: Submit to a scientific journal (yet to be identified) for peer review and feedback; Analyze and incorporate peer review feedback in scientific paper
- Winter 2019/20: Complete scientific paper and submit to journal editor for final review and printing
- Winter/Spring 2020: Next phase research to advance Natural Disturbance Regimes work