

Title

Modeling Windthrow in Riparian Zones in Newfoundland

Model Forest

Western Newfoundland Model Forest

From

2005

To

2006

Keywords

Windthrow, Riparian, Newfoundland, Wind Damage

Objective

To identify the extent of windthrow damage in riparian forests and develop a predictive model of vulnerability using high resolution wet-areas mapping.

Description

After logging, remnant timber in riparian areas is vulnerable to wind damage, potentially impacting riparian zone functionality. Recently an interdisciplinary panel was formed in Newfoundland to investigate options for managing timber in riparian zones while maintaining riparian zone integrity. The goal of the panel was to identify the extent of windthrow damage in riparian forests and develop a predictive model of vulnerability using wet-areas.

Reports and Products

Modeling Windthrow in Riparian Zones in Newfoundland: Project Update. Glode, J.G., Arp., P.A. & MacLean, D.A., 2007. The Western Newfoundland Model Forest. WNMF: 6-512-001.