

## ***Newfoundland Island Core Site***

The Newfoundland Island core site builds on a strong regional partnership and a solid foundation of ongoing resource characterization research in support of Newfoundland and Labrador's forest sector. Previous and ongoing collaborative research has taken place with Corner Brook Pulp and Paper Limited (CBPPL), the CFS, CWFC, FPInnovations, Grenfell Campus of Memorial University, Newfoundland and Labrador Department of Natural Resources (NLDNR), and the University of Sherbrooke. The NLDNR is responsible for stewardship and development of the forest resources of the province. This includes planning for sustainable harvest, conservation of forest ecological services, protection services, resource road construction, providing assistance to forest industries, and managing the inventory program. Of relevance is a long history of cost-sharing the inventory program by the province and industry. Accordingly, there is strong interest in the development of innovative and cost-effective tools for enhanced resource inventory to support provincial and industrial needs. The key focus of this NSERC CRD is the Corner Brook Forest site which is located on the west coast of Newfoundland Island and covers forest management District 15 with a total land area of 5,600- km<sup>2</sup> or 560,000- ha. This area is dominated by the Western Newfoundland Forest Ecoregion with a humid climate and a relatively long frost-free period (Government of Newfoundland and Labrador, 2013b). Balsam fir is the dominant forest cover with yellow birch, red maple, white spruce, eastern larch, trembling aspen, balsam poplar, white pine and black ash also present. Seventy-five percent of the total land area and 83% of the productive forest of District 15 is controlled by CBPPL.