Nomination of Dr. Chris Hennigar for ARPFNB Young Forester's Achievement Award

Chris Hennigar graduated from University of New Brunswick with his B.Sc.F degree in 2003. Over the next year, he gained experience in forest/pest dynamics through a research project related to a gypsy moth infestation in southern NB. This led to his enrollment at UNB in 2004 in an M.Sc.F. program at UNB under the supervision of Dr. D. MacLean which was converted into a PhD program. Chris's research was related to forest carbon dynamics under future spruce budworm infestation and control scenarios. During this time, Chris became interested in broader carbon accounting including other sources of emissions and product pools. His research led to incorporating CFS forest carbon modeling within the Woodstock modeling framework.

Following completion of his PhD, Chris spent two years working on an NSERC Industry/University Post Doctoral program under the supervision of Dr. D. MacLean and J.D. Irving, Limited. The project involved determining full carbon accounting of sources and sinks across all JDI forest products operations, including forest level carbon, harvesting and transportation activities, primary manufacturing including sawmills and pulp and paper mills and long term storage in product pools. Carbon balance was modeled for 100 years into the future. As part of this project, Chris co-supervised graduate student Ryan Cameron and the results were published in the Journal of Forestry in 2013.

Chris established his own company, FORUS Research in 2010 which specializes in software development and analysis related to large-scale forest management modeling. He has provided extensive services and research collaboration across the Maritime region and the State of Maine, including application of the CFS/UNB spruce budworm decision support system across Maine. More recently, Chris has been involved extensively with Dr. Aaron Weiskittel at the University of Maine and the Cooperative Forest Research Unit in developing an updated forest growth and yield model (OSM) for use across the region including a region-wide site classification model. In addition to operating FORUS Research, Chris also holds the

position of coordinator of the NB Growth and Yield Unit, a government /industry position to drive forward forest management in the province.

In a very few years, Chris has demonstrated expertise, commitment and excellence which make him an ideal candidate for the first ARPFNB Young Forester's Achievement Award.