Title
THE EFFECT OF DISTURBANCE HISTORY ON FOREST ECOSYSTEM CARBON STOCKS

From To
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Keywords
Disturbance, Fire, Insects

Objective
Provide a list of potential study sites
List and description of source databases and maps
Measurement of experimental sites in balsam fir
Measurement of experimental sites in black spruce
Publication of findings in a scientific journal and
Make data available to CBM-CFS2 modelers.

Description
Disturbance type effects total ecosystem carbon of regenerating forests, in particular dead organic carbon, forest floor carbon and surface mineral carbon. Sites selected for ages where CBM-CFS-2 predicts the largest differences in total ecosystem C resulting from disturbance history will be sampled using the NFI ground plot protocol.

Collaboration with DFRA will enable the examination of insect vs. harvest disturbance in balsam fir and fire vs. harvest in black spruce. This will be the first dataset specifically addressing the predicted (modeled) and measured post disturbance C pools in Canada.

Reports and Products
Progress Report for The Effect of Disturbance History on Forest Ecosystem Carbon Stocks.
M. Moroni. 2002. Canadian Forest Service. WNMF #: 10-001-001.
Progress Report for WNMF Project WNMF 0-05. Moroni, M. 2004. Canadian Forest Service. WNMF: 10-001-002. 1p.