

Title

THE NEWFOUNDLAND SMALL STREAM BUFFER STUDY PHASE I: IMPACTS OF CURRENT FOREST HARVESTING PRACTICES ON STREAM HABITAT AND BIOTA

Model Forest

Western Newfoundland Model Forest

From

2002

To

2003

Keywords

Buffers, Harvesting, Habitat

Objective

The objective of this project was to study the impact of harvesting on salmonids and their habitat.

Description

This small stream buffer zone study was initiated and carried out by the Dept. of Fisheries and Oceans, on the island of Newfoundland. Twelve stream reaches on three different watersheds subjected to forest harvesting were sampled during the summer of 2000. Salmonids studied were brook trout and Atlantic salmon. Other variables measured during this study included sedimentation rates, temperature regime, benthic invertebrate community composition, riparian buffer composition, stream habitat characteristics, and large woody debris.

Reports and Products

The Newfoundland Small Stream Buffer Study Phase I: Impacts of Current Forest Harvesting Practices on Stream Habitat and Biota. Decker, R.C., Scruton, D.A., Meade, J.D., Clarke, K.D., Cole, L.J. 2002. WNMF Report # 8-308-001. 78 pp.