

## Silvicultural Effectiveness Monitoring Workshop

**Dates and Times:** Wednesday, September 3<sup>rd</sup>, 2003 (9:00 a.m. - 5:00 p.m.) to Thursday, September 4<sup>th</sup>, 2003 (8:15 a.m. – 2:00 p.m.)

**Location:** Canadian Ecology Centre, Mattawa, Ontario

**Facilitator:** Fred Pinto, Ontario Ministry of Natural Resources

**Registration:** \$80 (includes meals) (accommodations not included)

### Workshop Purpose:

To provide information and training with respect to silvicultural effectiveness monitoring guidelines, and corresponding manual. The course will include field data collection exercises and computer software training.

### Accommodations:

A block of cabins has been set aside at the Canadian Ecology Centre for Wednesday, September 3<sup>rd</sup>. **Please register and book your own cabin** with Guest Services at:

Phone: 705-744-1715 ext. 540 or dial 0

Fax: 705-744-1716

### Meals:

Lunch and dinner will be provided on-site on Wednesday, September 3<sup>rd</sup> and breakfast and lunch will be provided on-site on Thursday, September 4<sup>th</sup>. Please identify any special dietary requirements. Several restaurants are available in Mattawa. Additional convenience items - snacks, beer, wine and liquor are available in either Mattawa or Rutherglen, both a short drive from the Ecology Centre.

### Other:

Please bring appropriate outdoor garb. The Park trails are in good shape for hiking.

### For additional information:

Megan Smith

Extension Forester

Canadian Ecology Centre – Forestry Research Partnership

705-744-1715 ext. 545

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## Silvicultural Effectiveness Monitoring Workshop

### Objective:

The purpose of this workshop is to provide information and training with respect to silvicultural effectiveness monitoring guidelines, and corresponding manual. The course includes field data collection exercises and computer software training.

### Content:

The workshop describes the Well Space Free Growing assessment system (which may be used in new stands in boreal clear cuts) and the Silvicultural Assessment and Reporting System (STARS). STARS is a computer aided data collection, analyses and management system that is FIM and SEM compliant that can be used on any forest type and silvicultural system (clear cut, shelterwood and selection) in Ontario to assess regeneration, habitat features, overstory volume, logging damage and tree marking quality.

Participants will be trained to conduct regeneration assessments during the workshop. They will be given experience in field protocols for ocular assessments and plot based assessments. They will work on the STARS computer application and sampling theory related to forest regeneration assessments.

### Detailed Agenda

#### *Wednesday, September 3<sup>rd</sup>, 2003*

- 9:00 a.m.** Registration
- 10:00 a.m.** Forest Management Planning, reporting and SEM requirements
- 10.30 a.m.** Overview of Well-Spaced Free Growing assessment
- 11:00 a.m.** Introduction to STARS
- Noon** Lunch (provided to all participants)
- 1:00 p.m.** Ocular assessment with STARS and WSFG demo in the field
- 3:00 p.m.** Plot assessment with STARS in shelterwood conditions
- 5:00 p.m.** Dinner (provided to all participants)

#### *Thursday, September 4<sup>th</sup>, 2003*

- 7:15 a.m.** Breakfast (provided to all participants)
- 8:15 a.m.** Sampling theory for forest surveyors
- 9:00 a.m.** Sampling theory test

- 9:30 a.m.** Working with STARS 2.0: initializing and customizing the application
- 10:45 a.m.** Break
- 11:00 a.m.** Data entry and summary of results using STARS 2.0 (participants work in teams of two)
- 12:30 p.m.** Lunch (provided to all participants)
- 1:30 p.m.** Written test and course evaluation
- 2:00 p.m.** Adjourn