



Forest Ecosystem Science
Co-operative Inc. (Forest Co-op)

– Science Day –

“Taking Stock & Moving Forward”

April 12, 2006



Forest Ecosystem Science Co-operative Inc.

The Forest Co-op is a partnership investing in forest science for the purpose of supporting sustainable forest management thereby reducing uncertainties associated with forest management decisions.



Forest Ecosystem Science Co-operative Inc.

Forest Co-op Membership .

Active Members

Abitibi-Consolidated Company of Canada

Bowater Canadian Forest Products Inc.

Buchanan Forest Products Inc.

Domtar Inc.

FERIC

Forintek Canada Corporation

Lake Abitibi Model Forest

Natural Resources Canada - Canadian Forest Service

Neenah Paper Company of Canada

Ontario Ministry of Natural Resources

Tembec Inc. (Forestry Research Partnership)

Weyerhaeuser Company Limited



Forest Ecosystem Science Co-operative Inc.

Forest Co-op Membership

Associate Members

Confederation College of Applied Arts & Technology

Sumac Forest Information Services Ltd.

GeoSpatial Consulting Inc.



Forest Ecosystem Science Co-operative Inc.

STRATEGIC DIRECTION OBJECTIVES:

1. Enhance Dialogue in Science Priority Setting
2. Foster Forest Science that Supports Sustainable, Predictable and Affordable Wood Supply
3. Grow in Accordance with Partner Needs and Sector Opportunities Seeking an Annual Project Target Level of \$2 Million
4. Maintain a Broad Representation of Membership
5. Focus on Forest Science which will Reduce Uncertainties Associated with Forest Management Decisions
6. Enhance Forest Technology / Knowledge Transfer and Implementation



Forest Ecosystem Science Co-operative Inc.

Forest Co-op Active Members
elect a
Board of Directors

Forest Co-op Office

Growth & Yield
Science Unit (GYSU)

GYSU Steering Committees

- Growth & Yield PGP Program
- Growth Intercept Project
- Forest Inventory & Monitoring
- MOSSY Project
- Forest Succession Project
- Historic Plot Data

Fish & Wildlife
Science Unit (FWSU)

FWSU Steering Committees

- Marten Habitat Project
- Marten Cores Project

Other

**Steering Committees for
Other Projects**

- Shoreline Forestry
- Shallow Soils Monitoring
- Silvicultural Effectiveness



Forest Ecosystem Science Co-operative Inc.

Forest Co-op
Growth & Yield
Science Unit (GYSU)

- Growth & Yield
Permanent Growth
Plot (PGP) Program





Forest Ecosystem Science Co-operative Inc.

Forest Co-op

GYSU

-Growth

Intercepts

-Yield Curve

Analysis

- MOSSY

- Historic Plot

Data

- Forest

Succession





Forest Ecosystem Science Co-operative Inc.

The image displays several software interfaces used in forest management:

- Resource Plot Viewer - V1.0 (Website Plot Viewer):** A web-based interface showing a map of a forest area with various plots highlighted in green and purple. The interface includes a legend for plot types (e.g., AmCan, BioMedPlots, Forest Co-op POP P) and a toolbar for navigation.
- Yield Curve Analysis:** A graph showing Yield (kg/ha) on the y-axis versus Age (years) on the x-axis. The graph displays several curves representing different forest types or management scenarios. A warning icon is present in the top right corner of the graph area.
- Control variables:** A panel showing key forest metrics:

Stem Density	1185
Stem Diameter	15.14
Height	14.9
Volume	10.0228
Age (10 Yr)	44
Stems/ha	9.2
- Plot Data Table:** A table showing detailed data for a specific plot, including Age, Stem Density, Stem Diameter, Height, Volume, and Stems/ha. The table has columns for different metrics and rows for different data points.
- Forest Management Tables:** Several tables on the left side of the image, including a 'Forest Co-op Forest Permanent Growth Plot Program - Plot Summary Sheet' and a 'Forest Co-op Forest Permanent Growth Plot Program - Plot Summary Sheet'.

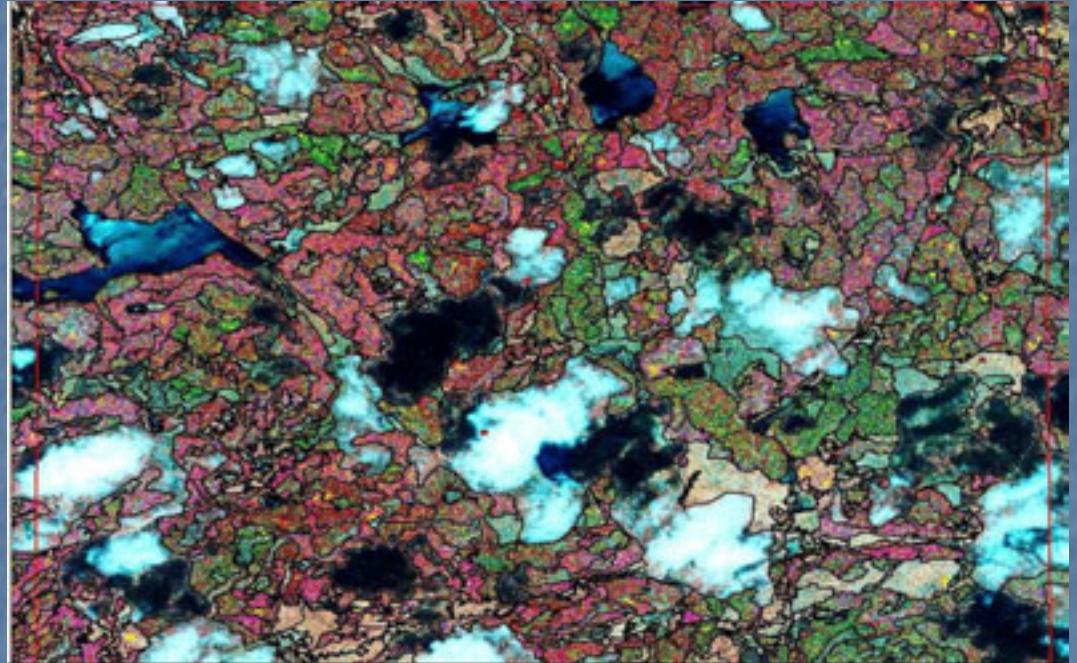
Yield Curve Analysis
Website Plot Viewer
G&Y Software & Models



Forest Ecosystem Science Co-operative Inc.

Forest Co-op GYSU
Forest Inventory &
Modeling Project
(Pilot Project)

*Potential for the
development of a new
Science Unit in the field of
FRI?*





Forest Ecosystem Science Co-operative Inc.

Forestry Futures Trust

– Enhanced Forest Productivity Science Program

-Forest Co-op NEBIE Project
approved

- Forest Co-op Prescribed
Burn Project – conditional
approval

-Forest Co-op MOSSY
Project – deferred decision

-Forest Co-op Imagery
Project – deferred decision





Forest Ecosystem Science Co-operative Inc.

Forest Co-op
Fish &
Wildlife
Science Unit
(FWSU)



Forest Co-op Northern Goshawk Project



Forest Ecosystem Science Co-operative Inc.

Forest Co-op
FWSU

Projects

- Marten

Habitat

Project

- Marten Cores

Project





Forest Ecosystem Science Co-operative Inc.

Science Unit – Other



Forest Co-op
Shallow Soils Project

Forest Co-op Shoreline Forestry Project





Forest Ecosystem Science Co-operative Inc.



Keeping In
Touch:

- Meetings
- Workshops
- Field Trips
- Conference
Calls



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Communication Tools include:

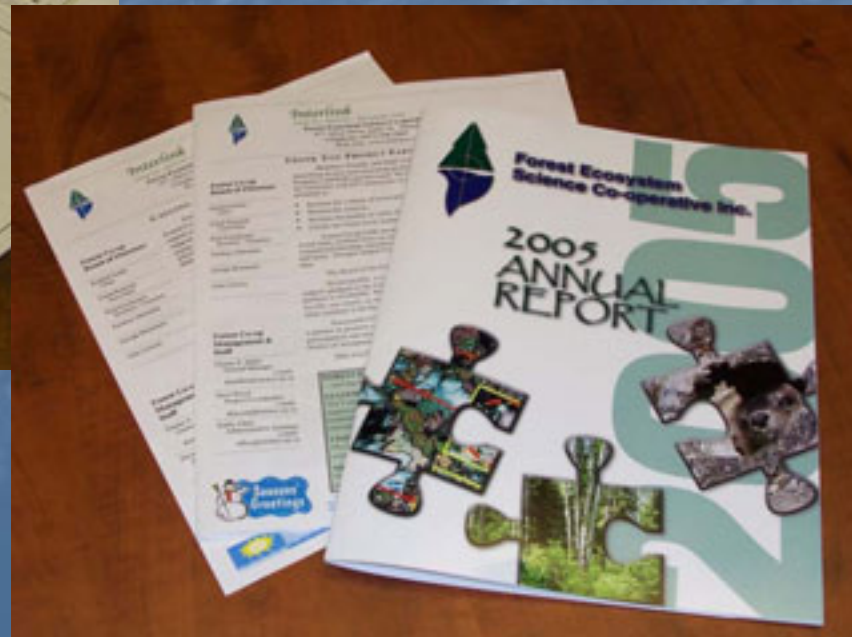
Annual Report

Newsletter – “Interlink”

Project Reports

Communiques with Partners

Website





Forest Ecosystem Science Co-operative Inc.

The Forest Co-op Difference

- F – Forum to Network – forest practitioners & science community
- O – Operational Realities – leads to application
- R – Research Priorities, Relevancy
- E – Efficiency & Effectiveness
- S – Science, Objective & Rigorous, supporting SFM
- T – Timely Transfer of New Knowledge
- C – Collaboration & Co-operation
- O – Open Sharing of Products / Results
- O – On-time, On-budget Delivery
- P – Partnerships – Pooling Resources & Expertise

The **FOREST CO-OP** Difference working for **YOU!**



Forest Ecosystem Science Co-operative Inc.

Please Visit Us

977 Alloy Drive, Thunder Bay

Forest Ecosystem Science Co-operative Inc.

Forest Co-op Annual Report
The Forest Co-op's Annual Report for 2005 is now complete and has been mailed out to our members. The report is also available for [download in pdf format](#).

Forest Co-op Annual General Meeting
The Forest Co-op is pleased to announce that their Annual General Meeting will be held on Tuesday, April 11, 2006 at the Holiday Inn - Toronto West in Mississauga, Ontario. The AGM will be followed on Wednesday, April 12, 2006 by a Forest Co-op Science Day entitled "Science - Taking Stock and Moving Forward".

New Forest Co-op Member
The Forest Co-op would like to welcome Buchanan Forest Products Ltd. as their newest Active Member.

Forest Ecosystem Science Co-operative Inc.
977 Alloy Drive, Suite 18, Thunder Bay, Ontario, P7B 5Z9
Tel: 807-346-2660 Fax: 807-346-2299



www.forestco-op.ca



Forest Ecosystem Science Co-operative Inc.

Board of Directors



Kandyd Szuba



Frank Kennedy



Paul Poschmann



John Lawson



Wayne Young



Pardeep Ahluwalia



Forest Ecosystem Science Co-operative Inc.

Where Do You Want the Forest Co-op to Focus Moving Forward?

What are Your Priorities?

Give Us A Call.



Forest Ecosystem Science Co-operative Inc.



*We're here
to help you
make the
Forest
Co-op
Difference.*