
Growth and Yield Science Unit

**Forest Co-op Science Day
April 4, 2005**



GYSU Partners

- Abitibi-Consolidated Company of Canada
- Bowater Canadian Forest Products Inc.
- Buchanan Forest Products Ltd.
- Confederation College
- Domtar Inc.
- Geospatial Consulting
- KBM Forestry Consultants Inc.
- Lake Abitibi Model Forest
- Natural Resources Canada
- Ontario Ministry of Natural Resources
- Sumac Forest Information Services Ltd.
- Tembec Enterprises Inc./Forestry Research Partnership
- Weyerhaeuser Company Ltd.



Mandate

- To provide a forum for members and researchers to collaborate on projects of common interest
- To leverage partners funds to do more than any individual partner can do.



PGP Network

Established and re-measurement protocol

- Patterned after the provincial PSP
- Peer Reviewed
- Consistent

Plot Priorities based on

- Geographic voids
- Site Type representation
- Complexity of sites
- Management regimes

Consistent contractors

- Quality assurance
- Clean data entry
- Familiarity with location



PGP Network

The network grows

- Establishment by GYSU
- Other projects
 - Shallow soils
 - Realized Gains
 - NEBIE

The plot data base is becoming a strategic data base

Tools for FMP are being built

Researchers request the data for specific projects

NSERC

Government – Federally, Provincially

Members are asking for specific queries to answer specific questions



GYSU Projects

- Growth Intercept Phase II, FRP
 - Dr Jian Wang, Lakehead U
 - Develop Site Index curves for young pj stands
 - Develop GI models
 - Compare natural and plantation pj to the GI models
- NW Yield curve development NWSI

- PGP Program
- MOSSY Project
- NEBIE Boreal Project
- Prescribed Burn Project



Funding

2007/08 last year of EFPSP

Industry and current MNR contributions will not cover the re-measurement of established plots

GYSU will be **seeking funding** to sustain the PGP network

