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The Community Forestry Guidebook II, Part 2: Effective Forest Management

BCCFA Conference and AGM
Smithers, B.C.
May 25, 2013



Faculty of Forestry
**ALEX FRASER
RESEARCH FOREST**



British Columbia
**Community
Forest**
Association



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UBC Alex Fraser Research Forest

- UBC AFRF has managed 10,000 ha Crown forest near Williams Lake under an area-based tenure since 1987.
- Mandate to create opportunities for education, research and demonstration of sustainable forest management.
- Are collaborating with BCCFA to provide extension about effective, long-term forest management based on experience.



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FORREX SERIES 30

The Community Forestry Guidebook II

Effective Governance and Forest Management



FORREX Forum for Research and Extension in Natural Resources

British Columbia Community Forest Association



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Spatial Data and Mapping Tools

MIRCEA RAU

- Good mapping is the foundation for well-made land-use decisions.
- Describes “Spatial Data” and “Mapping Tools”.



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Understanding Goals, Values, and Objectives

KEN DAY

- How land managers can ID values & obtain clear goals and objectives so as to be able to apply them to the landbase.
- Strategic Planning for Forest Mgt is a process that sets out:
 - What people want the forest to be or provide (values);
 - Management goals.



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Get It Down on Paper: Planning for Management of Your Community Forest

KEN DAY

- Besides providing rationale for a Forest's AAC, management planning can serve a wider purpose.
- A Working Plan can provide direction about sustainable forest management into the future by specifying HOW to achieve goals and objectives.



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Knowing the Nature of Your Forest: Area-based Planning for Ecological Goods and Services

CATHY KOOT

- Planning for stewardship across the entire tenure area
- Maintaining habitat and connectivity; coarse- & fine-filter approaches; mapping values
- Seek patterns where multiple values can be addressed with a common strategy, then stratify the land base accordingly.



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What and Where: Dividing Up Your Community Forest to Manage for Values

KEN DAY

- Subdividing the Forest into functional units at multiple scales helps managers procure the values that the community has identified it wants (block, working circle, compartment, stand).
- The biophysical geography of the land base (e.g. BEC zone, topography) can be helpful to this process and to guide silviculture strategies.



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Adapting to Climate Change: Are British Columbia's Community Forests Meeting the Challenge?

ELLA FURNESS

- Summarizes a Master's thesis about the ability of community forest organizations to adjust to the effects of climate change.
- Suggests ways to improve on this ability.



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The Area-Volume Check: A Simple Way to Tell if Your AAC Fits

KEN DAY AND MIRCEA RAU

- A method to gauge whether harvest levels can be maintained into the future (do before undertaking a new, costly yield analysis).
- Tests assumptions about objectives, standing inventory, rotation, net harvestable landbase and AAC.



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That's it for Guidebook II

Thank you

Questions?