



Future Forest Ecosystems Scientific Council

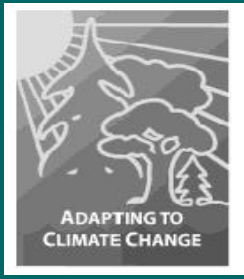
Climate Change Adaptation Research Program

Evelyn Hamilton

FFESC representative

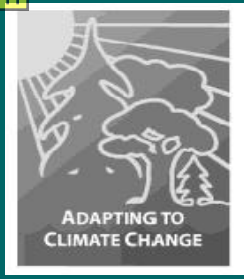
BC Ministry of Forests and Range, Research Branch





Outline

- Future Forest Ecosystems Initiative (FFEI)
- Future Forest Ecosystems Scientific Council (FFESC)
- Climate Change Adaptation Research Program
- Questions?



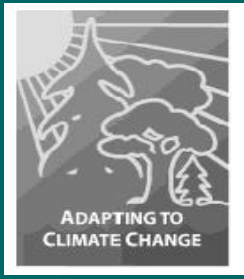
Future Forest Ecosystems Initiative (FFEI)

- **Purpose:**
 - adapt BC's forest & range management framework to a changing climate
- **Desired outcomes:**
 - Resilient ecosystems
 - Ongoing flow of ecosystem goods & services
- **Delivery goals:**
 - Operationalize ecological resilience approaches
 - Build knowledge base
 - Adapt management framework



FFEI Accomplishments

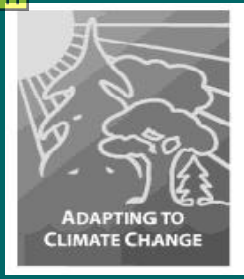
- 3 year strategic plan developed
- Infrastructure (programs, inter-disciplinary teams)
- Partnerships - FIA-FSP, FFESC
- Scientific foundation papers
- Groundwork in key areas (next slide)



FFEI Status

Groundwork:

- Models – climate, ecosystem changes
- Monitoring indicators
- Provincial vulnerability assessment (biophysical)
- Various research projects
- Interim policies (e.g., seed transfer, species selection)



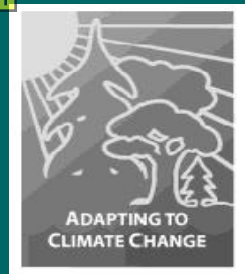
Future Forest Ecosystems Scientific Council (FFESC)

- **Purpose:**
 - Support research that will inform adaptation of B.C.'s forest & range management framework
- **Council:**
 - UBC (Dr. Jack Sadler, Dean of Forestry; Dr. Cindy Prescott, Associate Dean of Forestry)
 - UNBC (Dr. Bill McGill, Dean of College of Science & Management; Dr. Kathy Lewis, Chair, Ecosystem Science & Management Program)
 - MFR (Jim Snetsinger, Chief Forester; Gerry Still, Chair; Tom Niemann; Evelyn Hamilton)
 - FFESC Secretariat (Wendy Johnston, UBC; Sybille Haeussler, UNBC; Kristine Weese, MFR; w/assistance from Vis-à-vis Consulting (Alison Nicholson) and FORREX)



FFESC Research Program

- \$4 million over 2 years (now – Dec 2011)
- Research scope:
 - ✓ Impact assessments (biophysical, ecological)
 - ✓ Vulnerability assessments (social, economic)
 - ✓ Adaptation strategies (actions to reduce vulnerability)
 - ✓ Integration (monitoring/adjusting response)



FFESC Guiding Principles

- ✓ Interdisciplinary approach:
 - Teams should be inter-disciplinary
 - Projects should address cross-disciplinary, cross-scale challenges
- ✓ Scientist – practitioner partnerships:
 - Teams should work with clients (policy makers, practitioners, community stakeholders)
- ✓ Research scope:
 - Projects must address relevant research topics/needs



Questions ?

