

Multi-scale trans-disciplinary vulnerability assessment

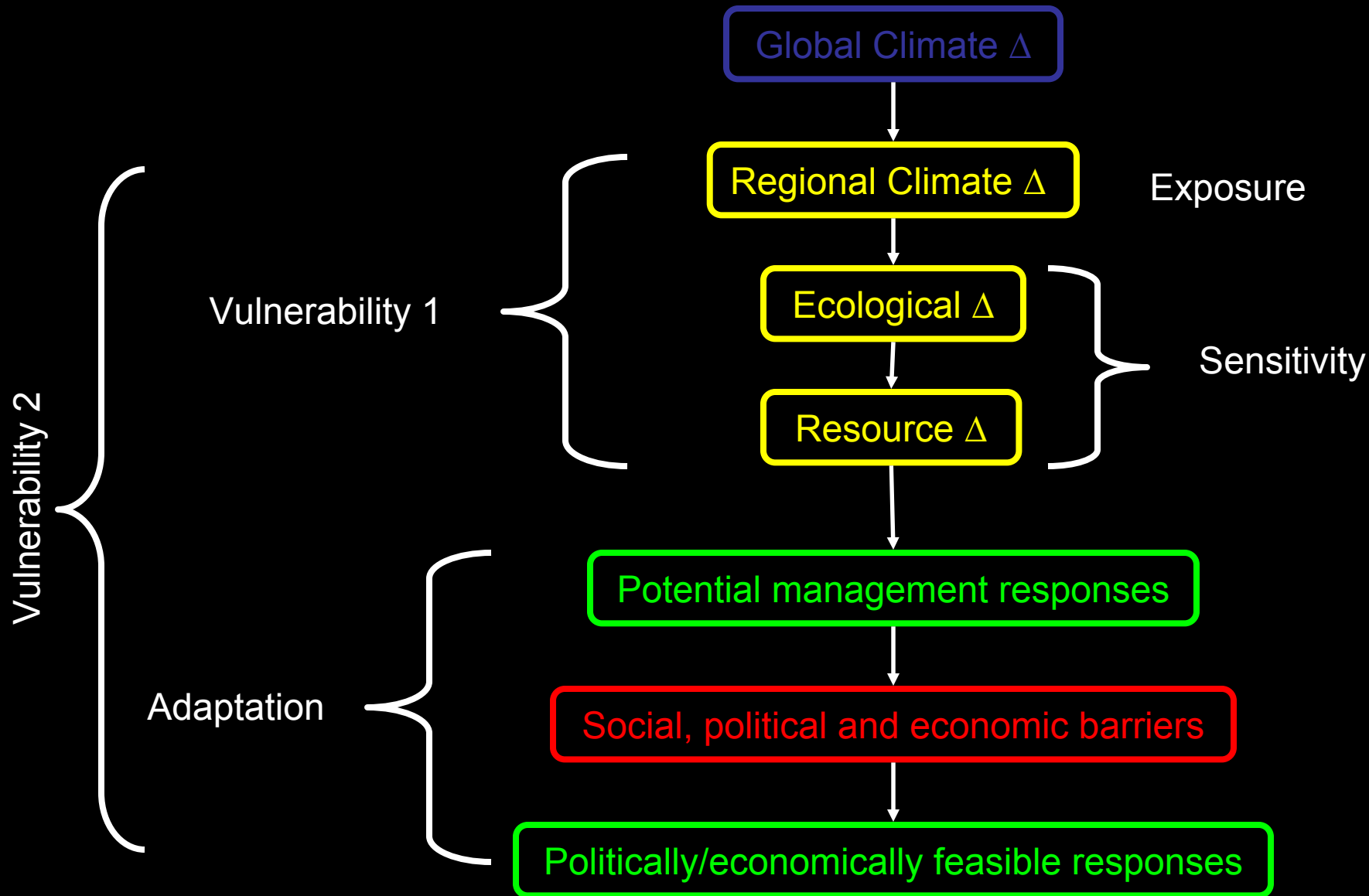
Nadina Forest District

Project Team

- Don Morgan, MFR Research
- Jim Burbee, Morice/Lakes IFPA
- Rick Budhwa, BV Research Centre
- Mark Johnson, Sask Research Council
- Phil Burton, CFS and UNBC
- Ken Zielke, Symmetree Consulting
- Bryce Bancroft, Symmetree Consulting
- Dave Daust, Consultant
- Jeff Anderson, Geomorphic Environmental Serv.
- Agathe Bernard, MFR Nadina
- Carolyn Stevens, MFR Nadina

Project overview (Yr 1)

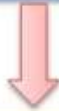
1. Describe ecological impacts of CC
2. Identify focal management objectives/issues in workshop.
3. Develop conceptual models of impacts
4. Assess effectiveness of current management under CC.
5. Propose better management strategies in workshop (with forest managers and topic experts).
6. Assess effectiveness of proposed management strategies.
7. Report describing better management options.




Developing strategies to adapt to a changing climate

EXPOSURE

- Climate Change impacts



SENSITIVITIES

1. *Ecological Sensitivities* – due to increased amount and rate of ecological change.
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2. *Management Sensitivities* – expected impacts on key aspects of management values over time.



MANAGEMENT DIRECTION

1. *Adaptive actions / direction*
2. *Vision of Future Forest*
3. *Implementation barriers*



MANAGEMENT VULNERABILITIES

- Potential vulnerability vs. projected vulnerability.



RECOMMENDATIONS

- To address key barriers.
- To start implementation

Workshop goals

- Inform managers about climate-related impacts that are relevant to forest management
- Inform project team and researchers about key management issues/concerns
- Identify focal objectives (scope of project)
- Develop preliminary list of impacts