WILDLAND FIRE MANAGEMENT IN ALBERTA

Wildland Fire Management

- Drivers of change
- Where we have come from
- Healthy Landscape Approach

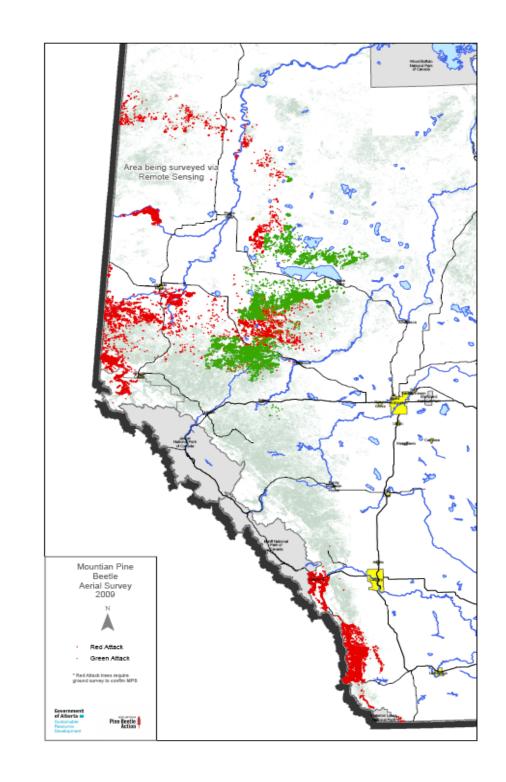
Drivers of change

Old forests, bugs & climate change?

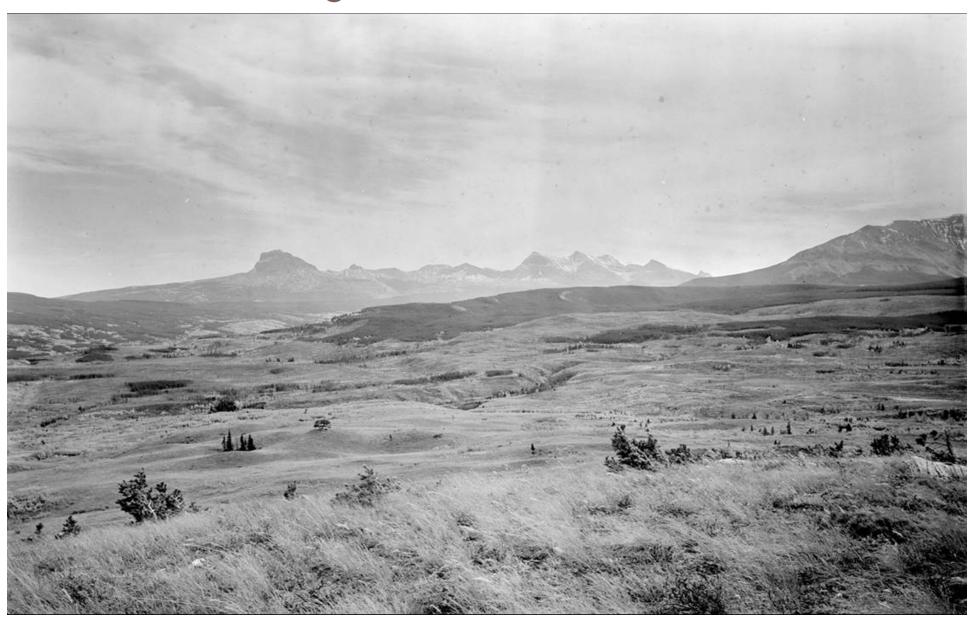
Law of diminishing returns

Stakeholder expectations

Budget cuts



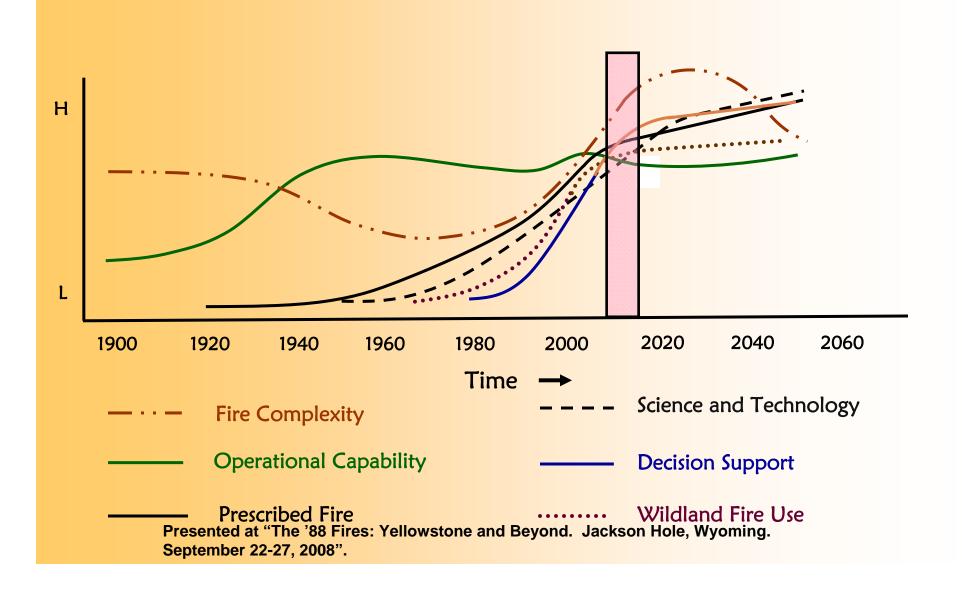
Bridgeland Photo 1912

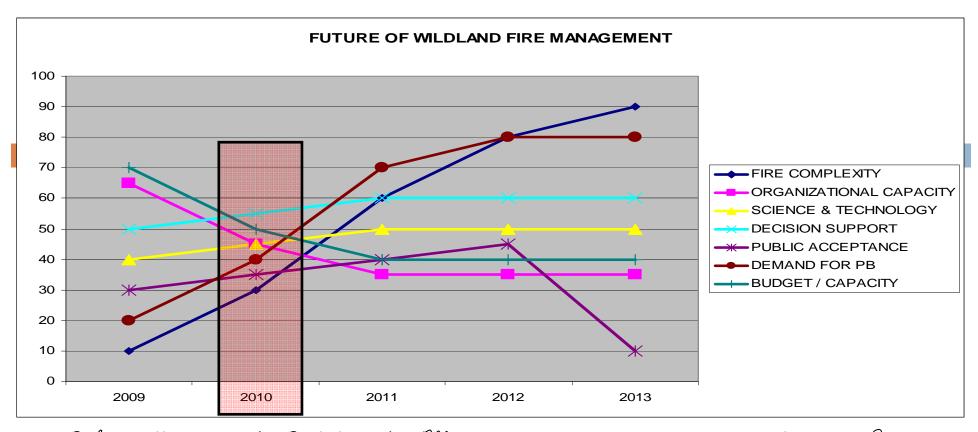


Repeat Photo 2007



Wildland Fire Complexity and Capability





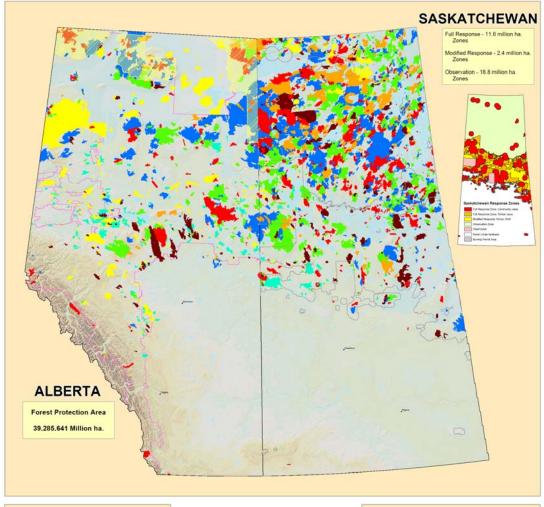
When will demand for Wildland fire Management exceed our organizational capacity?

**Colonic effect evell \$\frac{15}{25} \frac{15}{25} \text{ curics leave on the programm?}

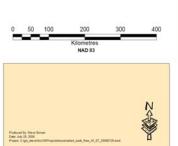
What if science & technology does not keep pase with complexity and demand?

**Colonic end impact public acceptance and stakeholder support?

Wildifre - "managed uncertainty"









Future Forests, Future Fires, Future Risk

- Age class correction in the forest of East slopes
- Area burned increase at the high elevation
- □ Fire severity increase
- Mega fire events more frequent
- Suppression resource levels will be insufficient during multiple mega fire events

Healthy Landscape Approach

- Integration of wildland fire response with landscape objectives
- 2. Science and research needs
- 3. Risk management framework
- 4. Wildfire priority setting protocols
- 5. Appropriate response policy shift
- 6. Economic decision making approach

Future Forests, Future Fires, Future Risk



Future Forests, Future Fires, Future Risk

