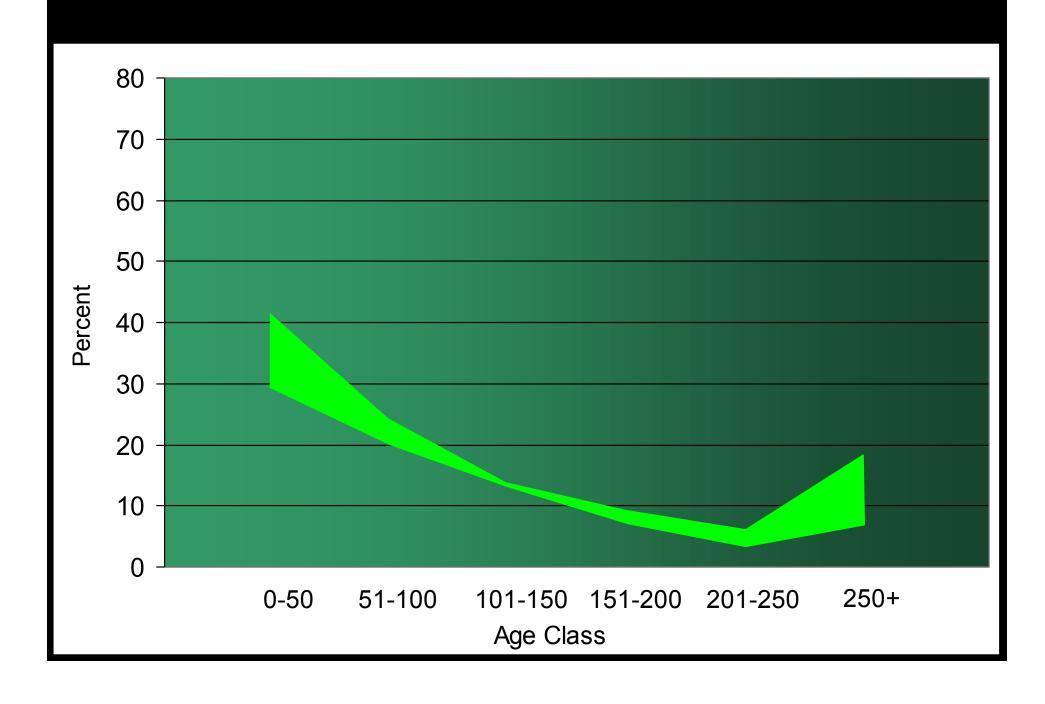
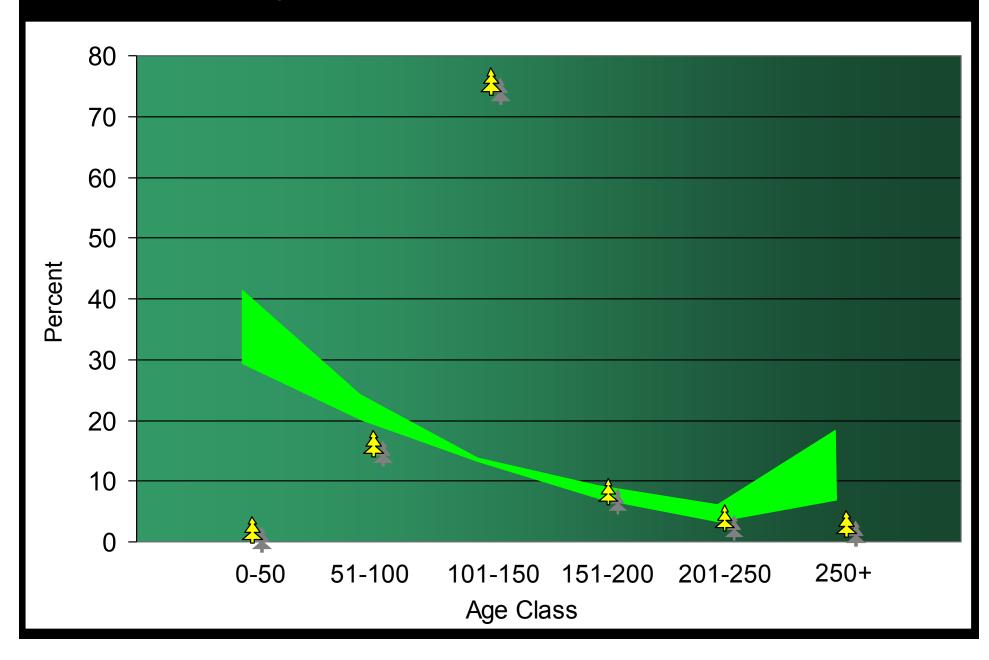


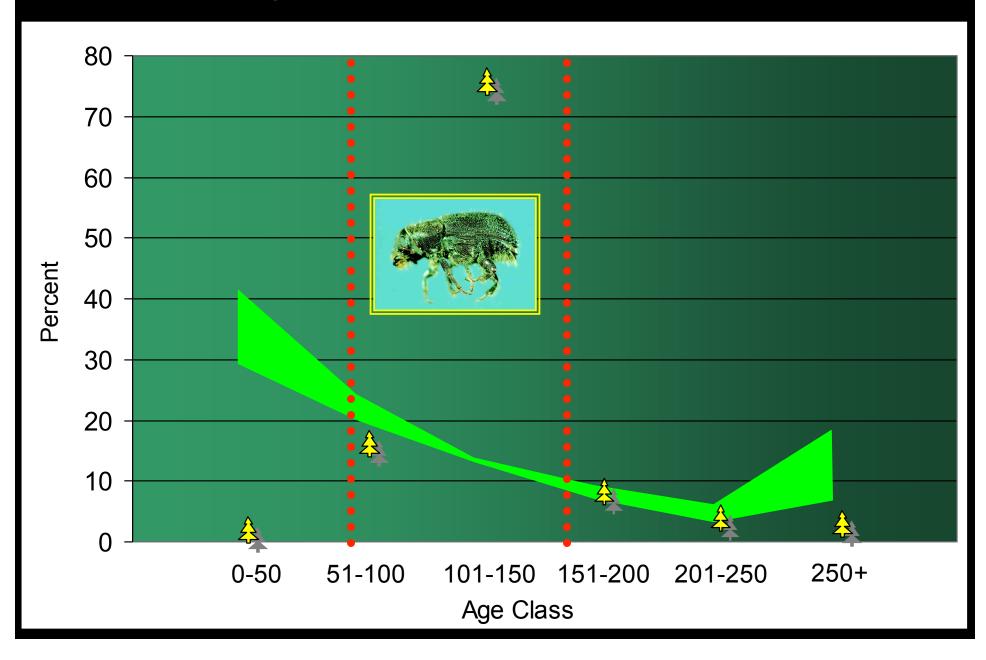
Natural Range of Age Classes in the Montane

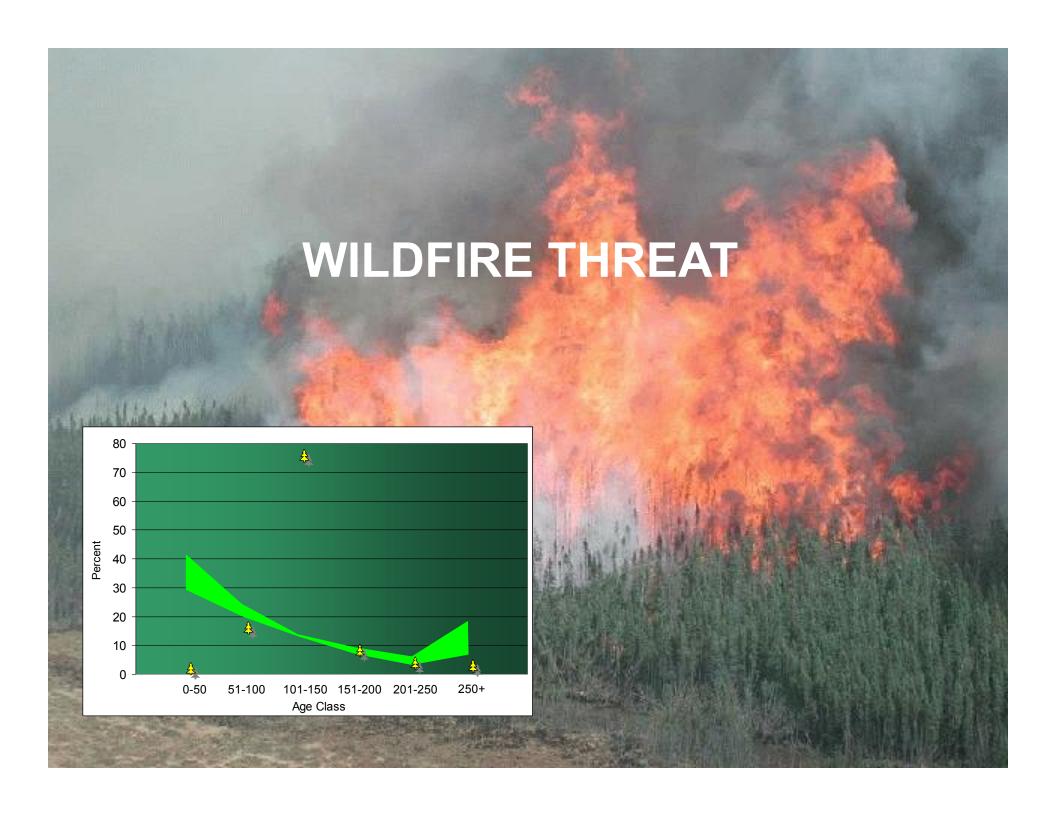


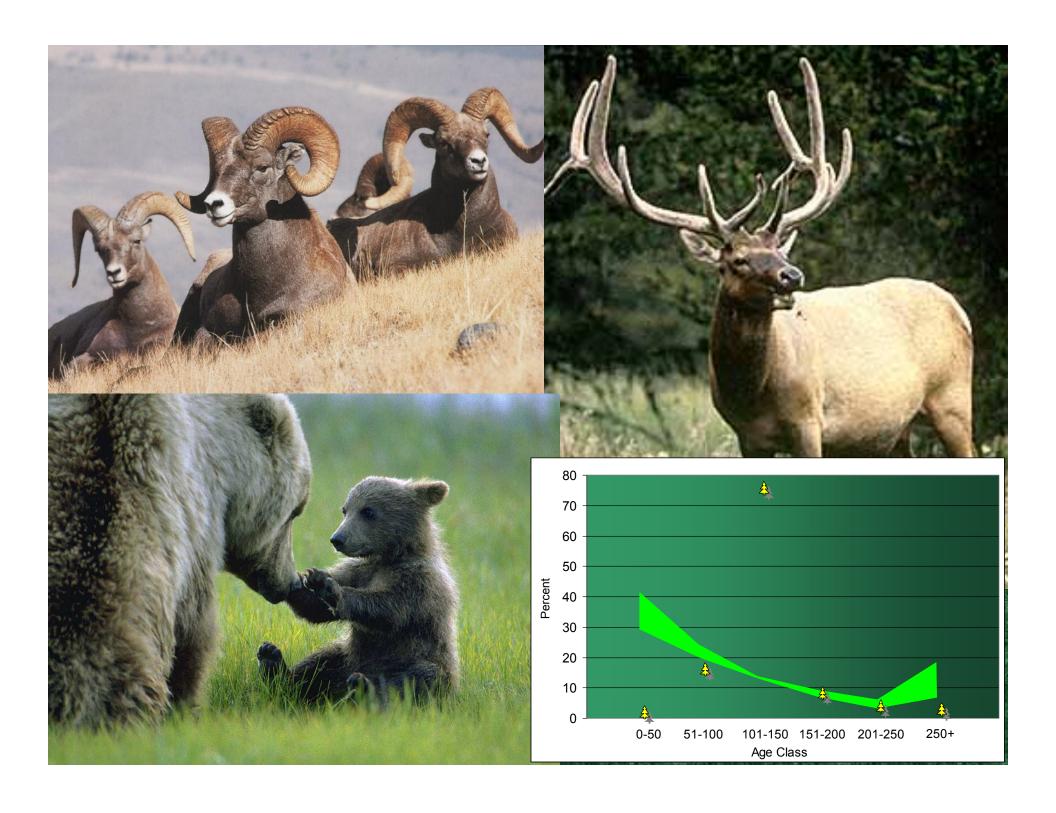
Natural Range of Age Classes in the Montane With Current Age Class



Natural Range of Age Classes in the Montane With Current Age Class







Project Goals

- > Reduce the threat of escaped wildfire
- Reduce the threat of a pine beetle outbreak
- Increase amount of Grizzly Bear and Elk habitat
- > Maintain visual qualities of the landscape
- ➤ Diversify stand ages and tree species to provide habitat to a wide range of organisms
- > Maintains water quality and fish habitat.

Timeline

Sept 2004

- Develop Terms of Reference / Goals
- Initiate Public Involvement
- Charrette
 - List of VOIT's
 - Conceptual map
- Assess impacts of Plan on VOIT's
- Approval
- Implementation
- Detailed Fire Regime Analysis
- 5 Year Report and Plan updates

Sept 2012

July 2007

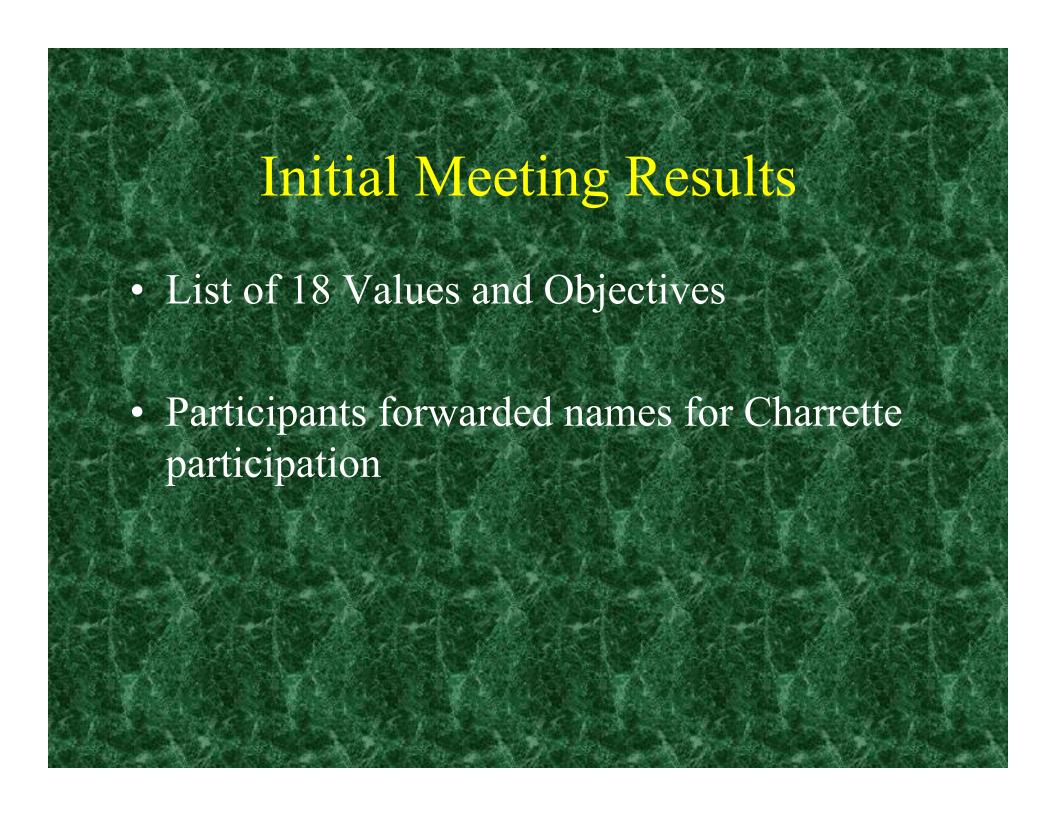
Identified Stakeholders and Initial Contact

- 64 Letters sent out to:
 - Adjacent Land Managers
 - Commercial (accommodations, trappers, industry)
 - Environmental/Cultural
 - Fish and Wildlife Associations
 - Municipal and Provincial Governments
 - Recreational Groups

Initial Meetings (25 out of 64 participated)

"From your group's perspective, what are the important factors that should be considered when planning and implementing the R11 Forest Management Plan""

"Ideally, how would your stakeholder group envision the R11 area in 20 years?"



Timeline

Sept 2004

- Develop Terms of Reference / Goals
- Initiate Public Involvement

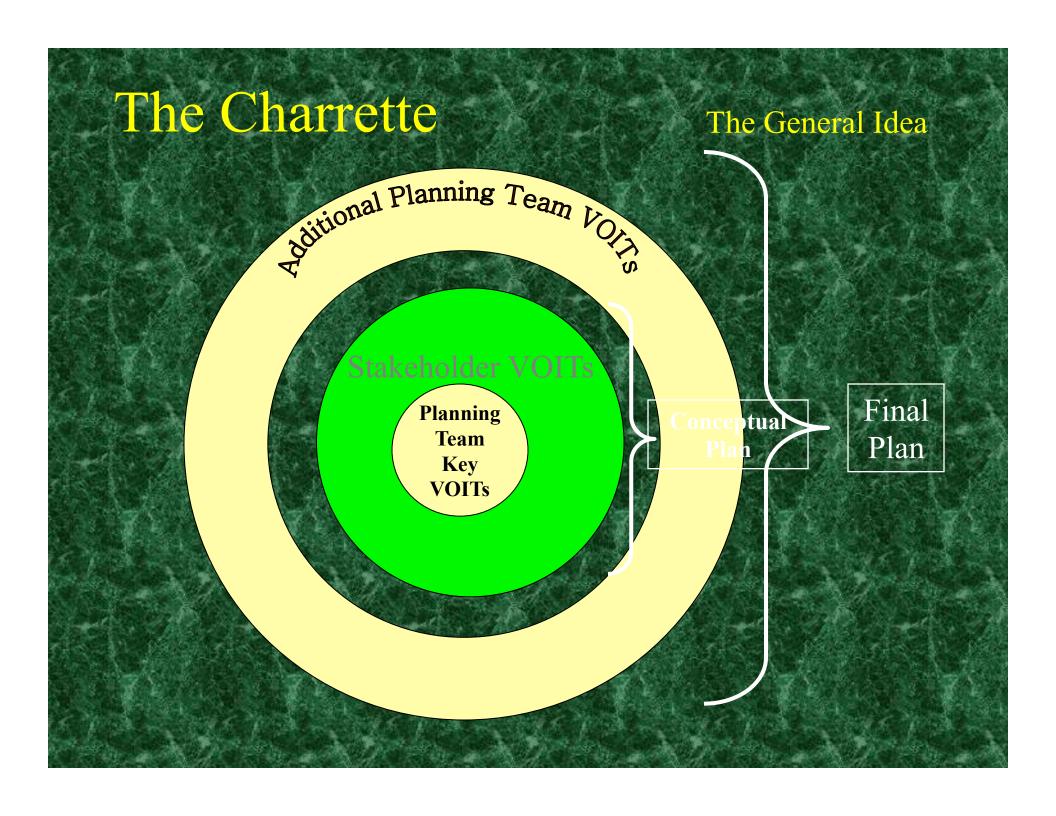
Charrette

- List of VOIT's
- Conceptual map
- Assess impacts of Plan on VOIT's
- Approval
- Implementation
- Detailed Fire Regime Analysis
- 5 Year Report and Plan updates

Sept 2012

July 2007





Planning team sets RULES and KEY VOITs as guidelines for the Charrette

✓ Plan must respect IRP's, legislation, and any existing landscape plan for the area.

✓ No new permanent access.

✓ Must reduce number of high/extreme fire risk stands by 5%.



- **Surrounding forests outside of the R11 area**
- Community of Nordegg
- Bighorn Reserve
- Resorts, campgrounds, and lodges in the R11.

No prescribed burn ignitions in Wilderness Areas.

Charette Participants:

- Area Residents
- Commercial recreation/eco-tourism
- Resorts/campgrounds
- Trappers
- County

- National Parks
- •Fish and Game
- •Watershed
- Alliance
- •AB Environment
- •ACA







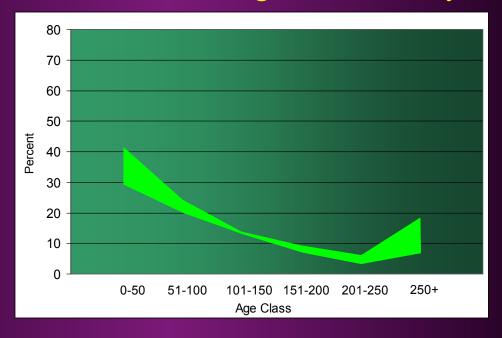


Charette results:

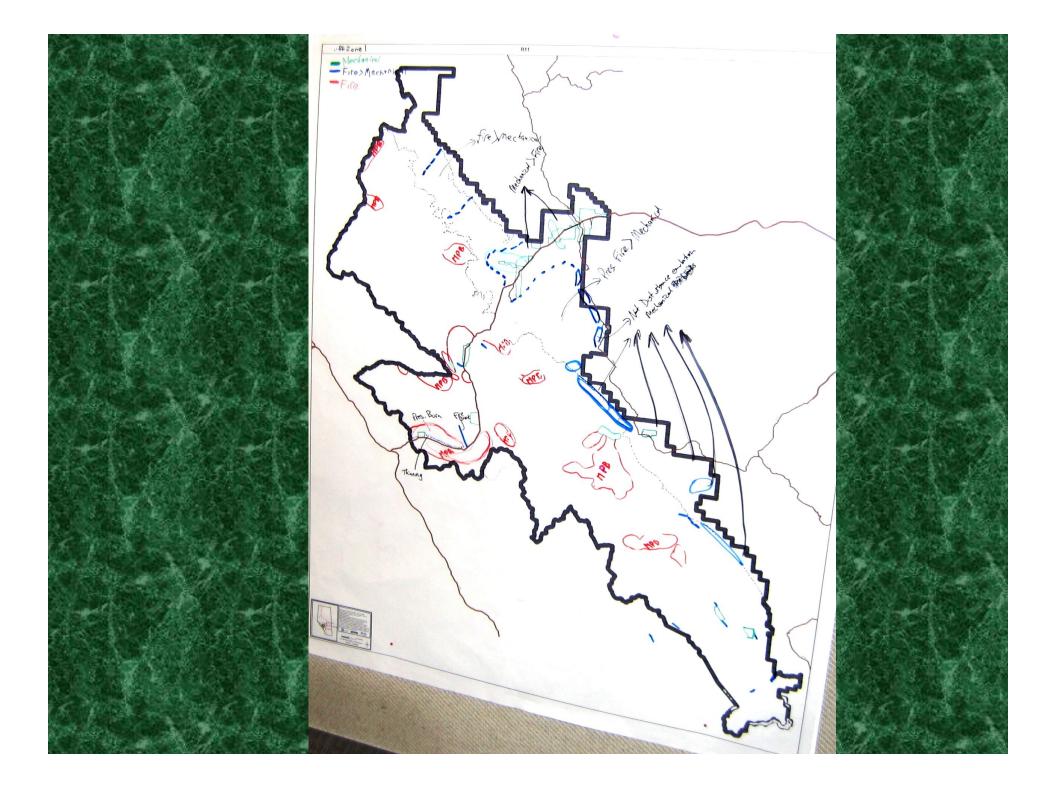
1. Comprehensive table of VOIT's

• Pine beetles, Fire, Natural Range of Variability are

the drivers



- 2. Conceptual map
- 3. Public Support



Gentlemen, I wanted to pass on to you how pleased I am to have participated in this ground breaking Charrette.

... this process with what I believe to be outstanding results. I think this exemplifies what I have said and believe to be true; people are more on the same page than they are not. I look forward to being part of more Charrettes as we move forward into programs such as ILM and the likes.

Congratulations to (SRD)... for having the courage to step outside the box.

Cheers Cal Rakach AOHVA - President

Timeline

Sept 2004

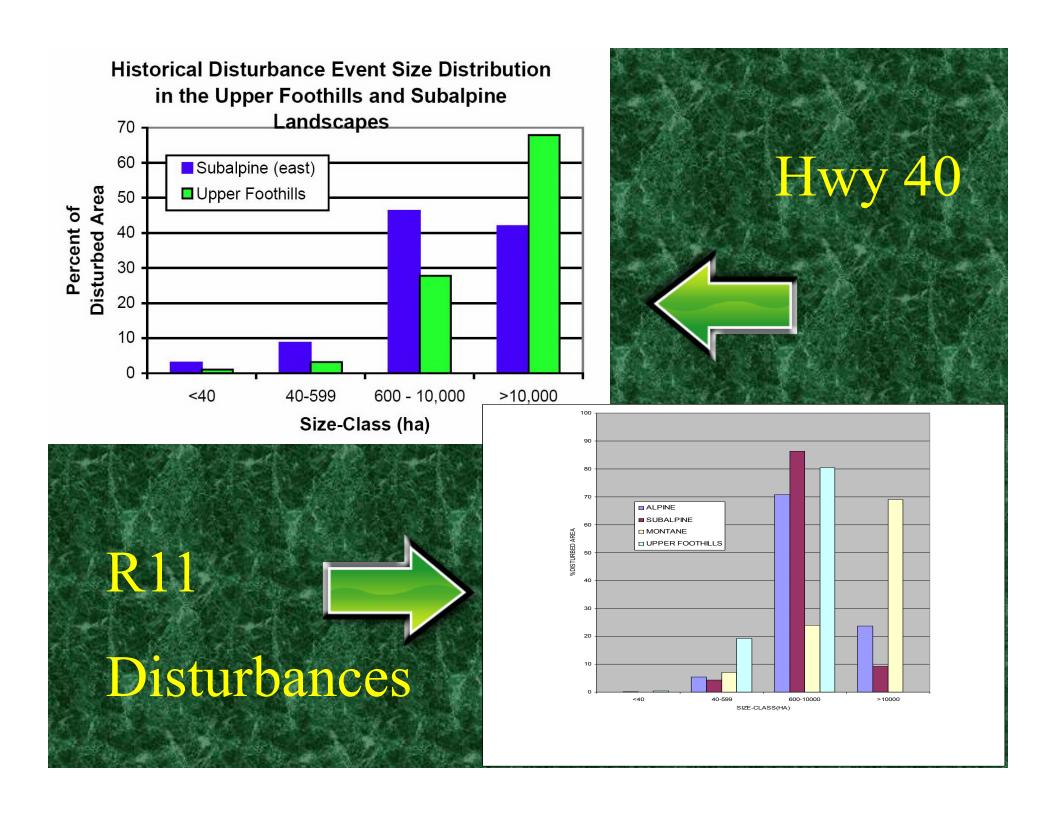
- Develop Terms of Reference / Goals
- Initiate Public Involvement
- Charrette
 - List of VOIT's
 - Conceptual map
- Assess impacts of Plan on VOIT's
- July 2007 Approval
 - Implementation
 - Detailed Fire Regime Analysis
 - 5 Year Report and Plan updates

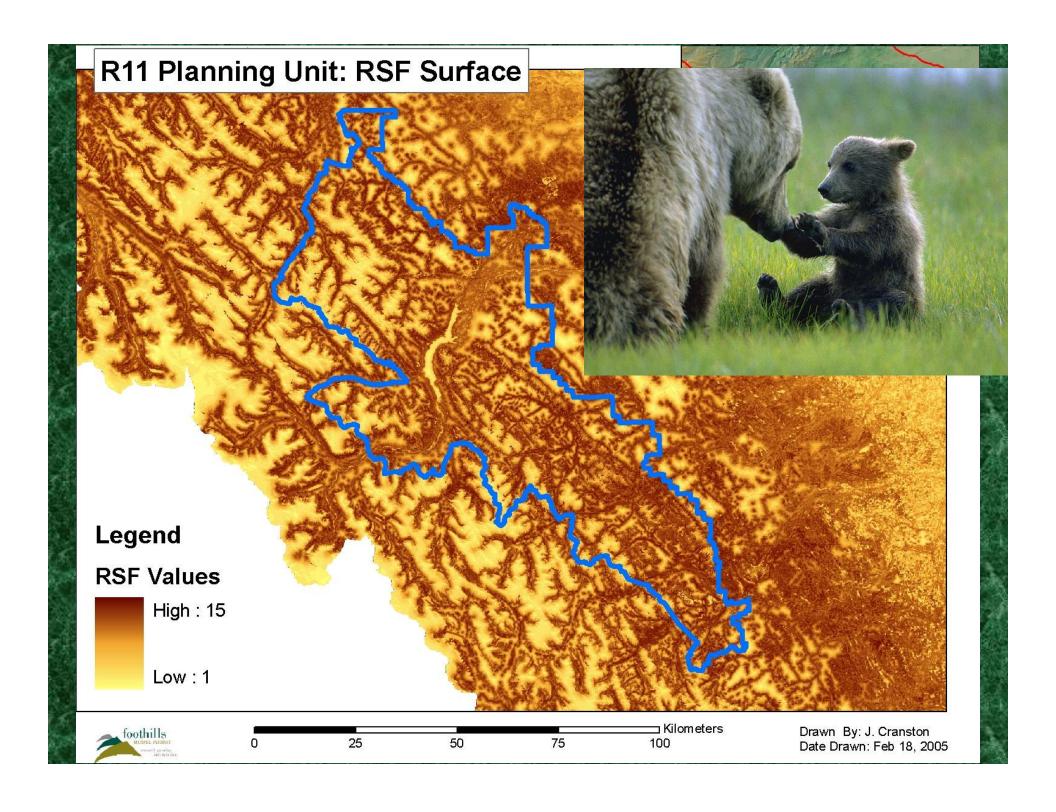
Sept 2012

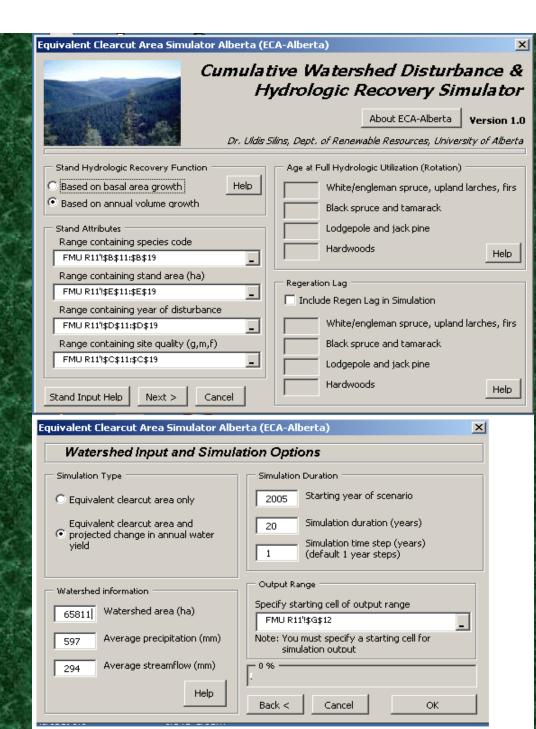
Key VOIT: NATURAL DISTURBANCE EMULATION

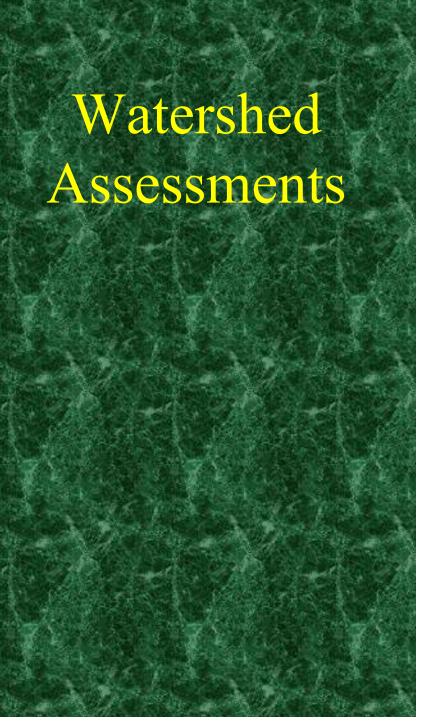
• Forecasted rate of disturbance to return each natural subregion to within NRV.

• Planning Team opted to follow assessment guidelines identified by Foothills Model Forest Highway 40 project.

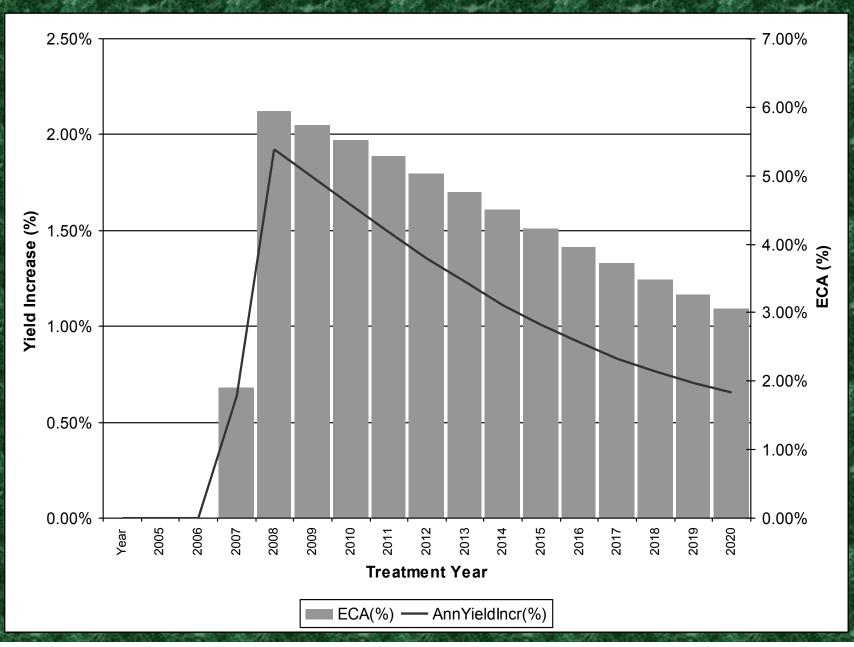


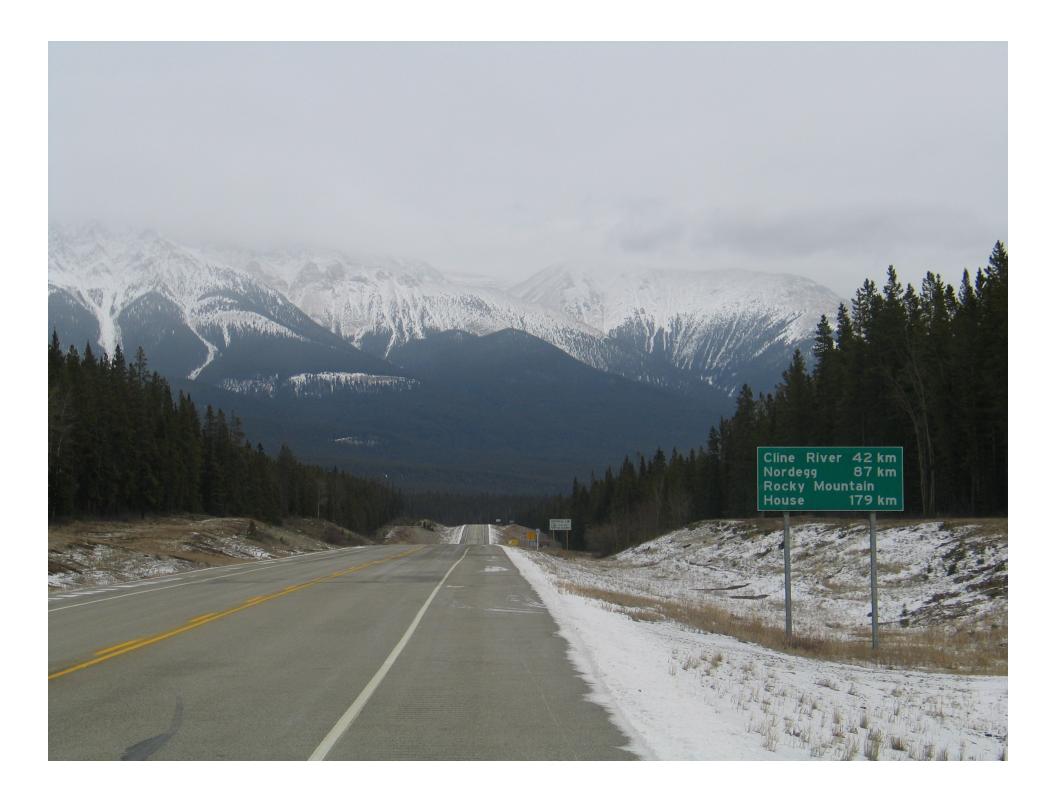






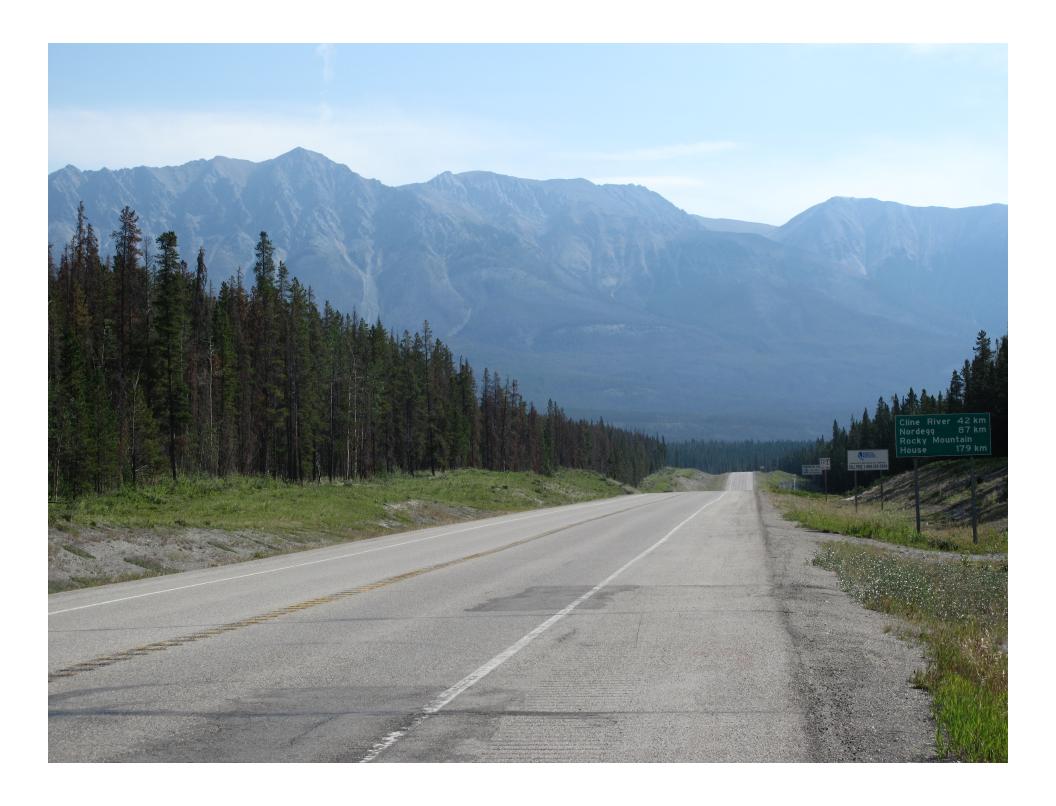
North Ram River Watershed Annual Flow Increase





Banff Boundary - Before Cline River 42 km Nordegg 87 km Rocky Mountain 179 km

Banff Boundary - After Nordegg 87 km Rocky Mountain House 179 km



Sept 2004

- Develop Terms of Reference / Goals
- Initiate Public Involvement
- Charrette
 - List of VOIT's
 - Conceptual map
- Assess impacts of Plan on VOIT's

July 2007

- Approval
- Implementation
- Detailed Fire Regime Analysis
- 5 Year Report and Plan updates

Sept 2012

Sept 2004

- Develop Terms of Reference / Goals
- Initiate Public Involvement
- Charrette
 - List of VOIT's
 - Conceptual map
- Assess impacts of Plan on VOIT's
- Approval
- Implementation
- Detailed Fire Regime Analysis
- 5 Year Report and Plan updates

Sept 2012

July 2007













Sept 2004

- Develop Terms of Reference / Goals
- Initiate Public Involvement
- Charrette
 - List of VOIT's
 - Conceptual map
- Assess impacts of Plan on VOIT's
- Approval
- Implementation
- Detailed Fire Regime Analysis
- 5 Year Report and Plan updates

Sept 2012

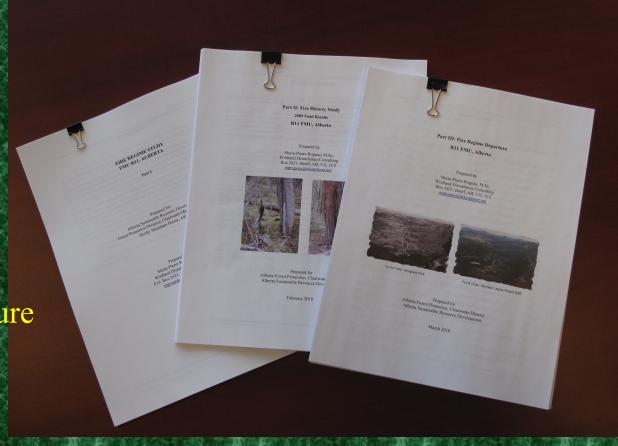
July 2007



M.P. Rogeau contracted 2009/10

Included:

- •Fire Regime Study
- •Fire History Study
- •Fire Regime Departure



Fire Regime Departure Elements

- Fire Cycle (50%)
- Cause (10%)
- Size (10%)
- Severity (15%)
- Seasonality (15%)

Fire Regime Departure

Results:

- R11 subdivided into 7 watershed units
- All units showed moderate or high departure
- R11 disturbance targets moved from balancing age class distributions, to restoring fire regimes.

Sept 2004

- Develop Terms of Reference / Goals
- Initiate Public Involvement
- Charrette
 - List of VOIT's
 - Conceptual map
- Assess impacts of Plan on VOIT's
- Approval
- Implementation
- Detailed Fire Regime Analysis
- 5 Year Report and Plan updates

July 2007

Sept 2012

5 Year Report

- Complete Oct 2012
- Reported on original Indicators and Targets
- Adjusted / Updated Targets
- Moved from "Natural Range of Age Classes" to "Restoring Fire Cycle"





- Listed as Endangered
- Some burned in Upper Sask Prescribed burn
- Surveys show both species regenerating in burn





