

Dowling 1905



Kananaskis 1954



Present Day



Forces Driving Future Trends in Wildfire Management....

(B.J. Stocks Wildland Fire Canada 2010)

- Climate Change
 - Longer, more severe fire seasons
- Cumulative Drought Effects
 - Further stress to fuels (insect, drought, etc)
 - Water competition
- Continued Increasing Risk in the WUI
 - Still expanding
 - *Push back on fuel treatments
 - *Preparedness levels of ourselves and Municipal partners
- Escalating Emergency Demands
 - Increased trends of frequency and impact of other natural disasters
 - Fire management personnel playing increasing roles
- Strained Agency Budgets
 - Recession, staffing, infrastructure, etc.

One half or less resources available since Yellowstone 1988

Other Factors....

- Long/short term effects resulting in increased fuel flammability
 - Increased fuel loads
 - Increasing CO₂ slows decay in dead and down....
- Increasing Bureaucracy and Policy Issues
 - Complicates program delivery
- Older retiring workforce...
 - Fewer candidates to fill vacancies...
 - Greater turn around on fire crews
 - Demands for greater levels of training
 - Increasing numbers of specialized positions
- Agencies capacities to conduct pre-suppression work and planning
 - Public willingness and education needs
 - Increasing special interest groups with specific agendas

The Challenge.....

"Further major advances in combating wildfire are unlikely to be achieved simply by continued application of traditional methods.

What is required is a more fundamental approach which can be applied at the design stage ...

Such an approach requires a detailed understanding of fire behavior." -- D. Drysdale

"Inspired Creativity"
Banff Center
Leadership Development





















