

## Key Points

- Keys to success of fire danger rating system = 1) Sustained research program, 2) Reliable technical infrastructure, 3) Training & Interpretive products, 4) Interagency cooperation
- Underutilization of FBP?
- Permafrost interactions not incorporated in FWI – transeaporation effects (C-2, 25 cm to permafrost)
- Incorporation of solar radiation
- Inconsistent research approach
- Relying on JFSP program – work on “inhouse” (Current research focused fuel moisture codes)

## In Progress

- Drafting new FWI adjective ratings
- Updating AK Fuel Model Guidebook
- Red Flag warning criteria (incorporate indice values)
- Web based FBP (similar to Redapp)
- Improvements 7-day Product
- Meso west contract

## Action Items

- Develop shrub fuel type for FBP system
- Lightning forecasting - explore Canadian/NW GACC methodologies
- Web based training (S-290/390) in Canada - Something we can utilize?
- Formal request to WFDSS for fire danger graphs with Canadian Codes
- Fire behavior observations for priority fuel types - What mechanism? How to consolidate/identify existing observations? Relate to indices.
- Document, document, document - Rationale for thresholds/break points and fire case studies
- Historical analysis of existing weather/fire data - What data do we have? How far back? How can we use it? Look at rhythms.
- Fire danger rating paradox - Need clear statement of where we want to go. Plan for how to get there.
- Accurate production rates.
- Move forward with identified action items. Prioritize, develop research questions/plan and identify labor force.
- Improve FBP fuels map (Landfire)

- Training and education – FWI applications

**Breakout Sessions:**

- 1) Landfire fuel types (Charlie Martin) - Main Podium
- 2) Meso West (Robert Ziele) - Lobby
- 3) REDapp Demo (Chelene Krezek-Hanes) - Side Podium
- 4) Red Flag Criteria (Sharon Alden) - Back of Side Room
- 5) CFFDRS in burn plans (Ben Pratt) - TV Room
- 6) AFS FMO Staffing Plan (S. Theisen & Mike Butteri) – 2<sup>nd</sup> floor tv room
- 7) Burn Permits (Keith Murphy) – BaCK OF MAIN ROOM
- 8) Using CFFDRS in Mil Zone (Tom St. Clair) - 3rd Floor TV Room