



DRAFT Agenda: CFFDRS in Alaska Summit

October 28-30, 2014

Alaska Fire Service Barracks Training Rooms (Building 1003), Ft Wainwright

- Please pre-register at <http://bit.ly/1tHIEXO> (we need to know how many people to expect)
- Most sessions will also be carried by webinar (<https://www1.gotomeeting.com/register/594208161>)

Tuesday, October 28

Morning:

1. Welcome from AWFCG: Dan Warthin and/or Dean Brown
What we want to get out of this summit: Tom St Clair
 - Brief recap of how this Summit came about (Recent Progress)
 - Research questions
 - Training recommendations
 - Use in decision making
 - Identify existing data to consolidate (fuel moisture, fire behavior observations)
 - Action items for AWFCG
2. Brief refresher of CFFDRS: Robert Ziel
3. Timeline/history of CFFDRS: Kato Howard, Chelene Krezek-Hanes and Tim Lynham
 - Development of CFFDRS
 - History and preliminary assessment of CFFDRS application in Alaska

Afternoon:

4. Management case studies: Tom St. Clair plus panel of Alaska and Canadian managers

Part 1. How is CFFDRS being used in Alaska now

- Military zone rx and Army Pyrotechnics restrictions
- Statewide resource prepositioning
- State uses for staffing
- Decision making on wildfires
- Fire Behavior Prediction (FSPro)

Part 2. How CFFDRS is used in Canada

- Preparedness thresholds
- This year in NWT: How did the system perform?
- DMC case study
- Canadian plans for update
- REDapp and the open fire community concept

Part 3. Facilitated discussion of how managers would like to use it

- Daily decision making: repositioning, staffing, statewide drawdown levels, action fire decisions, conversion date, RX prescriptions
- Visual display of fire danger on AICC website—update on proposed Mesowest contract for Fire Weather Index forecasting and display
- Using FWI codes and indices to influence US tools
- 7-day product: Can CFFDRS be used to improve this in Alaska?
- Lightning: occurrence prediction and holdovers: John Saltenberger, Mike Wotton via phone
- How FWI fuel moisture codes can be leveraged to provide local knowledge to WFDSS analysis inputs
- Plans for the spring modeling workshop: Targeted towards people who would like to explore using CFFDRS inputs to help inform WFDSS models

Evening:

**Poster session with pizza and storytelling for DRI Fire Stories project
(<http://www.dri.edu/firestories>)**

Wednesday, October 29

Morning:

Member of organizing committee presents key points from day 1 (10 min)

5. Break out groups for discussion on specific applications:
 - Military zone
 - REDApp
 - Rx prescriptions
 - Others TBD
6. Review interagency management of RAWs , WIMS, WFDSS: Heidi Strader and Bev Fronterhouse
 - How are our RAWs data, WIMS outputs, and WFDSS analysis inputs related.
 - What changes to the weather inputs for WFDSS analyses are anticipated.
 - Will CFFDRS fire danger graphs be available?
 - Green up dates
7. Overwintering and how things went this year: Sharon Alden
 - Results from moisture probes next to RAWs stations
 - Ops perspective on how information is being used, particularly for staffing
 - Did the early season problem fires seem to burn deeper in places with higher DC?
 - Should we try to overwinter stations for historic data in order to make analyses easier?

Afternoon

8. Fuel moisture: Jen Barnes, Eric Miller, Lisa Saperstein
 - where are we with the sampling effort?
 - Can we develop a better understanding of the codes and maybe new procedures?
 - Performance of automated devices
 - Which codes track fuel moistures and when?

9. Remote sensing approaches to fuel moisture/fire risk validation: Laura Bourgeau-Chavez, Chelene Krezek-Hanes, Eric Stevens

Thursday, October 30

Morning

Member of organizing committee presents key points from day 2 (10 min)

10. Seasonality: Robert Ziel and Brad Reed
 - which codes are informative at which times of year?
 - do the Canadians have an approach to this question?
 - How can this be used for dispatch/staffing decisions—different break points at different times of year.
 - FSPro update: needs to be specified for boreal/tundra

11. Regional effects: Randi Jandt and Jeremy Littell
 - Can we use Jeremy Littell's approach to regionalize danger ratings?
 - Can we improve long-term regional forecasts

12. Recommendations/approaches for training in future: Doug Gibbs, Tami Parkinson
 - NWCG considerations
 - Fire behavior training plan: Robert Ziel
 - Modernization of FWI with MesoWest and FBP app development
 - Training use of FBP and FWI
 - Changes to FSPro
 - REDapp workshop

Afternoon

13. Engaging researchers in these questions, supporting managers in doing research: Lisa Saperstein, AFSC rep, University Rep

14. Action items and panel discussion for AWFCG: Dan Warthin and/or Dean Brown

For more information, contact CFFDRS Summit Planning Committee:

Tom St. Clair, chair

Sharon Alden, Kristi Bulock, Randi Jandt, Larry Weddle, Alison York, Robert Ziel