Tactical Fire Remote Sensing Advisory Committee (TFRSAC)

Spring Meeting / May 24-25, 2017

“We'll bring our eggheads, you bring yours, and we'll scramble 'em together” – Vince A.

Meeting location: NASA Ames Research Center, Bldg. 3, Mountain View, California

Moderators: Vince Ambrosia (408-666-7609 cell), Everett Hinkley (801-455-8764 cell)

TFRSAC AGENDA – Wednesday May, 24 2015

8:30 am  Meeting start – NASA Conference Center (Bldg. 3) – An Adobe Connect and teleconference line are available for those who cannot attend in person.

Morning Presentations (120 minutes)

- Welcome and Introductions (15)  Vince & Everett
- Update from CSIR – S. Africa (25)  Phil Frost
- NASA Outlook (25)  Vince Ambrosia
- National IR Program Update (20)  Tom Mellin
- CalFire Update (25)  Jana Luis

10:30 am  Break (15 min)

10:45 am

- Dept. of Interior UAS Update (25)  Brad Koeckeritz
- Forest Service Update (20)  Everett Hinkley
- Global Validation and Global Fire Regimes (25)  Dr. Luigi Boschetti

12:00 pm  Lunch

1:15 pm  Afternoon Session #1 (120 minutes)

- Thermal Summit & Alaska Fire Science Consortium Fire Workshop (25)  C. Kintzley / P. Mead
- Toward a Unified Fire CONOPS (25)  E. Hinkley
- Work on the chain from detection to monitoring, to modeling fire (25)  Led Discussion
- Fire & Smoke Model Evaluation Experiment (30)  Tim Ball
- Upcoming data collection & remote sensing needs  M. Dickinson / R. Ottmar
- Update: Hawkeye & Enhanced Geospatial Portal (15)  W. Schroeder

3:15 pm  Break
3:30 pm  **Afternoon Session #2 (90 minutes)**

- **GOES-16** (20)  
  Dr. Chad Gravelle
- **Near-Real-Time Detection and Monitoring of Intense Pyroconvection from Geostationary Satellites** (25)  
  Dr. David Peterson
- **Machine-Learning Mediated Smoke Detection** (25)  
  Dr. Carl Pennypacker

5:00 pm  **Adjourn for day**

6:30 pm  **Meet for dinner**

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**Day 2 Agenda – Thursday May, 25 2015**

8:30 am  **Meeting start // Location: NASA Conference Center (Bldg. 3)**

**Morning Presentations (105 minutes)**

- **Wednesday Recap** (10)  
  Mark Zaller
- **The value of tactical infrared and a Common Operating Picture** (25)  
  Mark Zaller
- **AFUE** (20)  
  Zach Holder
- **Linking Remote Sensing and Process-based Hydrological Models to support Post-fire Remediation and Fuels Planning** (25)  
  Mary Ellen Miller
- **Firesat** (25)  
  Mark McBeth / Mike Alvarez

10:15 am  **Break (15 min)**

10:30 am

- **DEVELOP Update** (20)  
  Jenna Williams
- **Xiomass Update** (20)  
  John Green

11:15 am  **Needs Assessment / Fire RQ Matrix (60)**  
  Led Discussion  
  Hinkley / Dickinson / Triplett / Ottmar / Ball

12:15 pm  **Lunch (1 hour 15 minutes)**

1:30 pm  **Afternoon Talks**

- **RECOVER Update** (20)  
  Keith Weber
- **Ames Modular UAS Engineering** (20)  
  Bob Dahlgren
- **SMAP** (20)  
  Vanessa Escobar

2:00 pm  **Action Items and Wrap-up & Adjourn**
The AdobeConnect information is:

TFRSAC Meeting Adobe Connect session
https://ac.arc.nasa.gov/tfrsac/

Telecon information for TFRSAC Meeting for Remote participants:

- Phone: 844-467-4685
- Alternatively the U.S. / Local Toll Free #: 1-720-259-7012
- Passcode: 750362#