|  |  |  |
| --- | --- | --- |
| NASA_logo | **Tactical Fire Remote Sensing****Advisory Committee (TFRSAC)**Spring Meeting / May 9 - 10, 2018 | C:\aa_rsac\Logo\Shields\Forest Service2.jpg |

###

### *“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, 9 2018**

**8:25 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** (110 minutes) -- *ALL TIMES ARE PACIFIC DAYLIGHT --*

* Welcome and Introductions (15) Vince & Everett
* NASA Outlook (25) Ambrosia & Soja
* National IR Program Update (20) Tom Mellin
* Forest Service Update (15) Everett Hinkley
* CalFire Update (20) Jana Luis
* USGS / WFLC update (15) Paul Steblein

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

**10:30 am** (100 minutes) **UAS**

* Dept. of Interior UAS Program Update (25) Koeckeritz / Bathrick
* Forest Service UAS Program Update (25) Ryan Becker
* 2017 Long Endurance UAS campaign for Chevron (25) David Yoel (virtual)
* NASA UAS Traffic Management (25) Jeff Homola

**12:15 pm Lunch**

**1:15 pm Afternoon Session #1** (120 minutes) **UAS and Value of Information**

* Lessons Learned From Using sUAS in Research &

 Educational Settings (25) Karen Joyce

* UAS Discussion (25) *Open Discussion*
* Economic Value of BAER support (25) Richard Bernknopf (bio)
* FIREX AQ (30) Amber Soja
* Hawkeye Fire Detection (15) Phil Mead

**3:15 pm Break**

**3:30 pm Afternoon Session #2** (90 minutes) **Emerging Technology & Data Sources**

* NASA WorldWind Explorer & Wildfire Mgmt Tool (30) Patrick Hogan / Randy Kim
* NEX – GOES 16 NRT Fire Detection (15) Dr. Jun Xiong
* Planet's Disaster Response Program (25) Brittany Zajic

**5: 00 pm Adjourn for day**

**6:30 pm Meet for dinner**

**Day 2 Agenda – Thursday May, 10 2018**

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

**Morning Presentations** (105 minutes)

* Wednesday Recap (10) Vince & Everett
* Progress on the Wildfire DLT project: improving access

To large geospatial data for wildland fire operations (20) Nancy French

* Detection of Fire Burn Scars by UAVSAR: Immediate,

Short-term, and Multi-year Obs. & Applications (20) Christine Rains

* DEVELOP (20) Jenna Williams
* Forest Service - Aviation Safety and Modernization (15) Everett Hinkley

Remote Sensing Opportunities

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

**10:30 am**

* Application of Realtime Tactical Intelligence on
 Wild Land Fires (30) Koerber / Zaller
* Canadian Fire / Canada TFRSAC (15) J. Johnston

**11:15 am Fire Requirements Matrix – High level (20)** Triplett / Hinkley

**11:45 am Action Items and Wrap-up**

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

**1:15 pm Fire Requirements Matrix – Government Only**

**2:15 pm Thermal Working Group (TWG Members)**

**Meeting Logistics:**

AdobeConnect session for our meeting: <https://ac.arc.nasa.gov/tfrsac>

Call-in (for Audio Only):

Phone: 888-844-9904

Pass Code: 5699815

Location Map (Building 3 in red adjacent to Hanger 1):

