



# Tactical Fire Remote Sensing Advisory Committee (TFRSAC)

Spring Meeting / May 9 - 10, 2018



“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**

<b>Day 2 Agenda – Thursday May, 10 2018</b>
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**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:

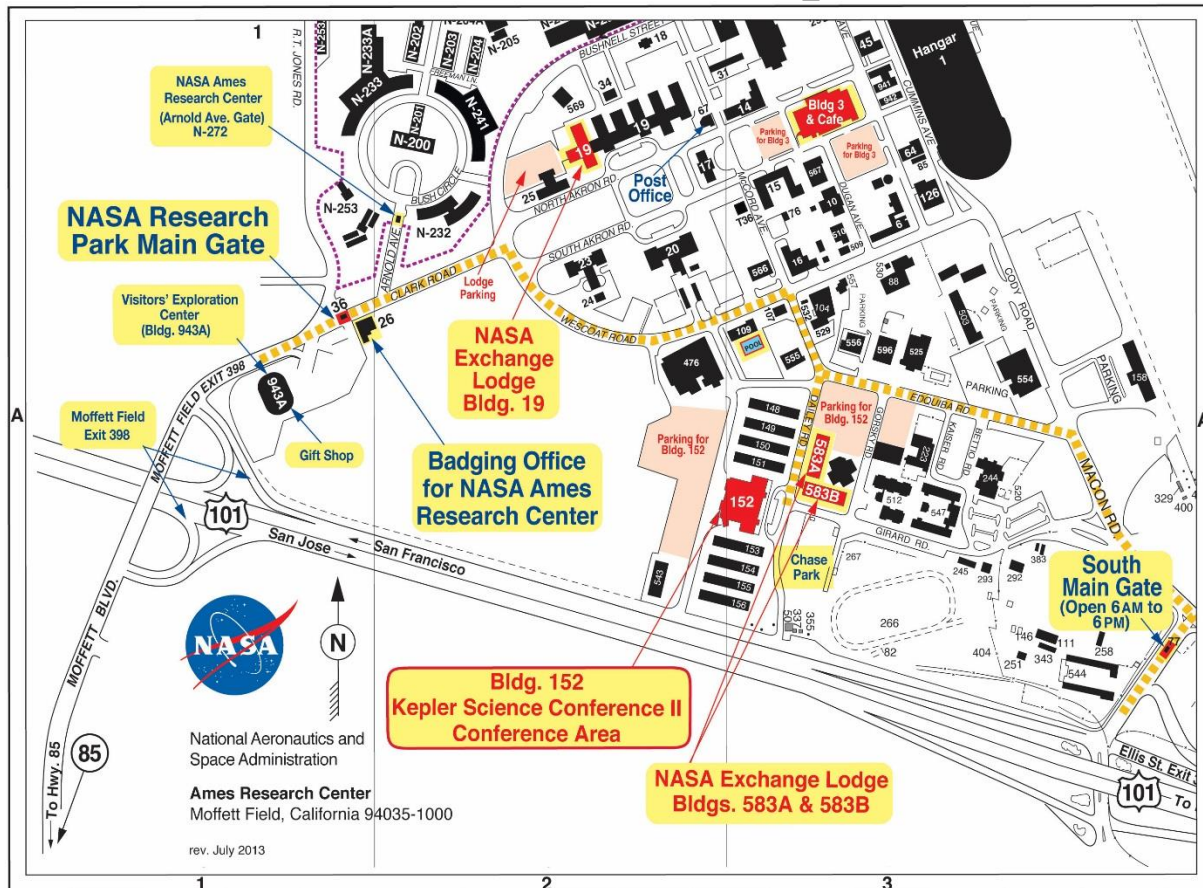
AdobeConnect session for our meeting: <https://ac.arc.nasa.gov/tfrsac>

Call-in (for Audio Only):

Phone: 888-844-9904

Pass Code: 5699815

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



**Kepler Science Conference II**  
November 4 - 8, 2013  
NASA Ames Research Center

Attendees may enter either the Main or South Main Gate. A government-issued photo ID is required to enter Ames. All conference-related activities take place in red-highlighted buildings; parking lots are highlighted with a peach color. ALL SESSIONS WILL TAKE PLACE IN BUILDING 152. Follow the golden dotted line to get from either gate to Building 152.