

Welcome to the:

**Twenty-Ninth Tactical Fire Remote Sensing
Advisory Committee (TFRSAC) Meeting**

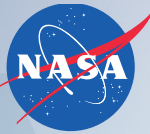
Hosted By:
NASA Applied Science Program: Vince Ambrosia
USDA-Forest Service: Everett Hinkley

9-10 May 2018
NASA Ames Conference Center (NACC)
NASA Ames Research Park
Moffett Field, CA





Meeting Logistics



Please sign-in / check your name on the attendance sheet in back of room (on table) or being passed around;

Presentations (including video recordings of speakers) will be made available to all participants (author permitting) after the meetings. We will provide a link to the access point.

POCs:

Vince Ambrosia cell: 408.666.7609

Everett Hinkley cell: 801.455.8764

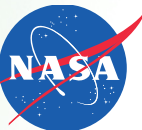
Introductions: All

Name:

Organization Affiliation:

Role at Meeting: (PI Presenter,
Cheerleader, etc.)

What Are You Looking Forward to This
Week?





Objective / Goals of TFRSAC Meeting

OBJECTIVES

- Share on EO of wildfire by community partners; both from airborne and orbital assets; Help to increase awareness of use of data / information;
- Inform on partner affiliated programs (NASA, USFS, DIO, JFSP, DOI, Universities, Private orgs., etc.);
- **Encourage Collaborations!**

GOALS

- Build new relationships / knowledge;
- Be exposed to new ideas / concepts; Learn something new today and tomorrow!
- Walk away from the meeting with a sense of accomplishment and excitement for the coming year!
- **Be relaxed and casual while learning!!**



TFRSAC Schedule: 9 May (AM)



8:30 AM

Meeting start

Morning Session (105 Minutes)

Welcome and Introductions / Logistics (15)

NASA Outlook (25)

National IR Program Update (20)

U.S.F.S. Update (15)

CalFire Update (25)

USGS / WFLC Update

Ambrosia / Hinkley

Ambrosia / A. Soja

Tom Mellin

Everett Hinkley

Jana Luis

Paul Steblein

10:15 AM

Break (15 min)

10:30 AM

UAS Efforts (100 Minutes)

DOI UAS Program Update (25)

Forest Service UAS Activities (25)

2017 Long-Endurance UAS Campaign for Chevron (25)

NASA UAS Traffic Management (UTM) (25)

TBD

Ryan Becker

Dave Yoel (virtual)

Joey Rios

(NASA)



TFRSAC Schedule: 9 May (PM)



1:15 PM UAS and Value of Information (120 minute)
 Lessons Learned From Using sUAS in Research & Edu. (25) Karen Joyce
 UAS Discussion (25) Open Discussion

(All)
 Economic Value of BAER Support (25) Richard
 Bernknopf
 FIREX-AQ (30) Amber Soja
 Hawkeye Fire Detections (15) Phil Mead

3:15 PM Break (15 minutes)

3:30 PM Emerging Technology & Data Sources (90 minutes)
 NASA WorldWind Explorer & Wildfire Mgt Tool (30) P. Hogan / R. Kim
 NEX – GOES-16 NRT Fire Detection (15) Dr. Jun Xiong
 Planet’s Disaster Response Program (25) Brittany Zajic
 Micro-Satellites & Small Satellites (25) David Bernat

5:00 PM Adjourn for Day



TFRSAC Schedule: 10 May (AM)



8:30 AM Meeting start

Morning Session (105 Minutes)

- Wednesday Recap (10) Ambrosia / Hinkley
- Progress of 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, & Multi-Year Observations & Applications (20) Christine Rains
- DEVELOP (20) Jenna Williams
- U.S.F.S Aviation Safety and Modernization (15) TBD

10:15 AM Break (15 min)

10:30 AM (100 Minutes)

- Application of R/T Tactical Intelligence on Wildland Fires (25) Koerber / Zaller
- Canadian Fires / Canada TFRSAC (25) J. Johnston
- Other International Partners Reporting Various

AM Fire Reporting to Meeting Director G. Trickett



TFRSAC Schedule: 10 May (PM)



12:15- 1:15 PM

Lunch

1:15 AM Action Items, Wrap-up, and Adjourn (60 minute)

2:15 PM Thermal Working Group (TWG Members)

E. Hinkley