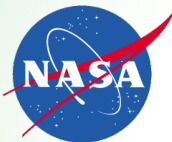


Welcome to the:
**Twenty-Ninth Tactical Fire Remote Sensing
Advisory Committee (TFRSAC) Meeting**

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

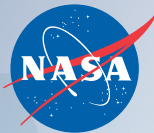
- Share on EO of wildfire by community partners; both from airborne and orbital assets; Help to increase awareness of use of data / information;
- Inform on partner affiliated programs (NASA, USFS, DIO, JFSP, DOI, Universities, Private orgs., etc.);
- **Encourage Collaborations!**

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)

12:15 PM- 1:15 PM Lunch



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

6:30 PM Meet For Dinner – Tied House, Downtown Mtn. View



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
11:15 AM	Fire Requirements Matrix Discussion	Hinkley /Triplett
11:45 AM	Action Items & Wrap-Up	



TFRSAC Schedule: 10 May (PM)



12:15- 1:15 PM

Lunch

1:15 AM Fire Requirements Matrix (Government Only)

2:15 PM Thermal Working Group (TWG Members)

E. Hinkley