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| NASA_logo | **Tactical Fire Remote Sensing****Advisory Committee (TFRSAC) #31**Spring Meeting / May 29 - 30, 2019 | C:\aa_rsac\Logo\Shields\Forest Service2.jpg |

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

**Meeting location: NASA Ames Research Center, Bldg. 152**, Mountain View, California

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

**TFRSAC AGENDA – Wednesday May, 29 2019**

**8:25 am Meeting start – NASA Conference Center (Bldg. 152) –** An Adobe Connect and teleconference line are available for those who cannot attend in person.

**Morning Presentations** (110 minutes)

* Welcome and Introductions (15) Vince & Everett
* NASA Outlook (25) Vince Ambrosia
* National Infrared Operations Update (20) Tom Mellin
* Forest Service (Beltway) Update (20) Everett Hinkley

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

**10:30 am** (105 minutes)

* CalFire Update (20) Phillip SeLegue
* Canadian Fire / WildFireSat (20) J. Johnston
* Fire Imaging Missions to Support Wildland Fire Ops (20) Evans Kuo
* Dept. of Interior UAS Program Update (20) Rich Thurau
* Forest Service UAS Program Update (20) Brad Quayle

**12:15 pm Lunch**

**1:15 pm Afternoon Session #1** (105 minutes)

* Wildland Fire Visualization and Bailey Farren
 First Responder Location (15)
* DHS Wildland Urban Interface Fire Initiative (20) Everett Hinkley
* Status Update: Operational GOES-R fire product (25) Chris Schmidt
* Autonomous Scheduling of Agile Spacecraft Sreeja Nag
 Constellations for Rapid Response Imaging (20)
* Update on GeoCollaborate® (15) Dave Jones

**3:00 pm Break** (15 Minutes)

**3:15 pm Afternoon Session #2** (105 minutes)

* Thermal Working Group Update (15) Phil Mead
* Tactical Information Technology Portal (20) David Bernat
* FASMEE Update (20) Adam Watt
* FIREX AQ Overview (20) Dr. David Peterson
* SBIR Update (15) Ed Freeborn
* Machine Learning for Smoke detection (15) Dr. Kinshuk Govil

**5: 00 pm Adjourn for day**

**6:30 pm Meet for dinner at Tied House**

**Day 2 Agenda – Thursday May, 30 2019**

**8:30 am Meeting start // Location: NASA Conference Center (Bldg. 152)**

**Morning Presentations** (105 minutes)

* Wednesday Recap (10) Vince & Everett
* VALUABLES Cost Effectiveness Study (20) Richard Bernknopf
* Wildfire and Radar/Active Remote Sensing (20) Nicholas McCarthy
* Persistent Elevated Systems Support to Ilya Schiller &
 Wildfire Management (25) Charles Lambert
* Realtime fire detection and the results of suppression (25) David Fuhr

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

**10:30 am**

* Application of Realtime Tactical Intelligence on Hart Drobish &
 Wild Land Fires (30) Pat Basch
* Update on Development of TBIRD and TMAS John Green
 Thermal IR Systems” (25)

***11:30 am Open Discussion All
Future direction & Strategy
Fire Requirements Matrix******Action Items and Wrap-up***

**12:30 pm Lunch & Disband**

**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 152 in Lower Left Corner – Kepler Science Conference II):

