

**Tactical Fire Remote Sensing Advisory
Committee
Spring 2021 Agenda
Day 1 - May 11th**



Watch On YouTube	Download Presentation Files	Speaker/Email
	↓	
LINK	Welcome and Introductions	Vince & Everett
LINK	Fire & Aviation Mgmt	Triplett
LINK	NIFC / NIROPS Update	Mellin / Marolf
LINK	Forest Service Perspective	Bob Baird
LINK 1 LINK 2	NASA Update	Vince Ambrosia
LINK	USGS Wildland Fire Science Strategic Plan	Paul Steblein (USGS)
LINK	Thermal Working Group Update (no ppt)	R. Cornelius / W. Idle
	Break	
LINK	Canada Update - WildFireSat & Torchlight	Josh Johnston
LINK	DOI Update - UAS and fire applications	Richard Thureau
LINK	CalFire Update	Phil SeLegue
LINK	KISS Workshop - The Wicked Wildfire Problem and Solution Space	Natasha Stavros
LINK	FIREX-AQ data and update / ACCP satellite mission	Amber Soja
	Break	
LINK	Measurements from inside a Wildfire-Driven Thunderstorm: The 2019 FIREX-AQ Field Experiment	Dave Peterson
LINK	Concept for AI / ML for fire detection capabilities	Emilio Pineda / A. Wolff
LINK	Stereo Update	Joey Mercer
LINK	UML2/AAM airspace	Ed Freeborn
LINK	Open Discussion	

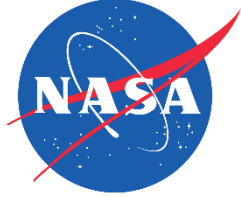
Full Day Recordings

Day 1 <https://www.youtube.com/watch?v=TDnJnvlc7LE>

Day 2 https://www.youtube.com/watch?v=GuNWch9p_C4

Meeting Website

<https://nari.arc.nasa.gov/tfrsac-wildfire>



**Tactical Fire Remote Sensing Advisory
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Spring 2021 Agenda
Day 2 - May 12th**



Watch On YouTube	Download Presentation Files	Speaker/Email
	↓	
LINK	Welcome and Day 1 Recap	Vince & Everett
LINK	NASA Ames Activities: Wildfires and Aeronautics	John Melton
LINK	Dryad : A sensor based approach to Forest Fire Detection	Cherian Mathew
LINK	NASA ARMD Wildfire Management Workshop Preview	P Kopardekar / L Grindle
LINK	Update on GeoCollaborate	Dave Jones
LINK	Break / Live GeoCollaborate Demo	
LINK	TBIRD NASA Phase II SBIR	John Green
LINK	Enhancing Fire Management with Earth Observations	Mary Ellen Miller
LINK	Bushfire Data Quest	Dr. Cormac Purcell
LINK	OCFA FIRIS mission	Stan Kubota / Phil Hawkins
LINK	AiRanger UAS type certification program	Ali Etebari / David Yoel
LINK	Firewatch Update / >2 minute video<	Richard McCreight
	Break	
LINK	SKY-C2 System Overview – a USDA Phase II SBIR Project	Christopher Rowley
LINK	Knowledge management for mitigation and response	Brian Wee / Bill Teng
LINK	LTA - SCEYE	Daniel Doulton
LINK	Urban Sky: Stratospheric, High-resolution Wildfire Monitoring	Andrew Antonio
	Cubesat-based Wildfire Prediction and Detection (no ppt)	William Cromarty
LINK	Open Discussion	
	Wrap Up / Adjourn	Vince & Everett
	Additional Presentations	
LINK	Fire Autonomous Detection and Dissemination System	Aschbrenner, Von Bargaen et al.
	UAS for Wildland Firefighting	Carl Recine
	Using Machine Learning to Improve Wildfire Data	Hamilton, Brothers, et al.