



Tactical Fire Remote Sensing Advisory Committee

Fall 2022 Agenda With Links



Eastern Day 1 - November 29th YouTube Direct Link

Slot	Start	Link	Speaker / Email	YouTube Direct Link		
Meeting Start						
Block 1	1_1	11:00	Link	Meeting Start: Welcome and Introductions	Vince, Birgit, Everett, Mike	Video 1 0:00:00
	1_2	11:15	Link	USFS Fire & Aviation Leadership Perspective on Technology & Future Direction	Stephen Nelson	0:05:34
	1_3	11:35	Link	New Co-chair Introduction / NOAA Fire Team	Mike Pavolonis	0:35:46
	1_4	11:55	Link	The NASA FireSense Project	Mike Falkowski	0:56:10
	1_5	12:15	Link	2022 Fire Year Summary	Tom Mellin / Sean Triplett	1:16:02
	1_6	12:40	Link	USGS wildfire activities	Birgit Peterson	1:30:43
	13:00		Break		Video 2	
Block 2	2_1	13:30	Link	CALFire Update	T. Chavez	0:01:00
	2_2	13:45	no PPT	Thermal Working Group Update	Win Idle	0:15:21
	2_3	14:00	Link	Breaking the Cycle of Community Wildfire Destruction	R. McCreight / G. Calderon	0:31:00
	2_4	14:15	Link	Disaster Preparedness and Response using UAS – Phase II	Jerry Hendrix, UA-Huntsville	0:46:17
	2_5	14:35	Link	NASA - Moraga-Orinda Fire District Project	Dave Jones	1:02:00
		14:50		Break / DEMO		1:18:41
Block 3	3_1	15:20	Link	Improving Wildfire Knowledge Through Quantitative Climate Intuition	John Timler	1:49:38
	3_2	15:35	Link	Burncast: Solving the microclimate issue of prescribed fire operations	M. Borrus / T. Cuppernull	2:06:00
	3_3	15:50	Link	FireMAP/FDL Update	D Hamilton / C McCall	2:20:00
	3_4	16:05	Link	AI/ML communications and Situational Awareness solution	Rod Goossen	2:41:18
	3_5	16:20	Link	FireEdge - Edge Computing for UAS	Chris Rowley	2:57:00
	3_6	16:35	no PPT	Open Discussion & Wrap Up		Vince, Birgit, Mike, Everett 3:04:00

Eastern Day 2 - November 30th YouTube Direct Link

Slot	Start	Link	Speaker / Email	YouTube Direct Link		
Meeting Start						
Block 4	4_1	11:00	Link	Meeting Start: Welcome and Day 1 Recap	Co-chairs	Video 3 0:04:32
	4_2	11:20	Link	Wildfire Prediction Model	Diogo Machado	0:10:00
	4_3	11:35	Link	Wildfire AI: Real-Time Detection Powered by AI	G DeSalvo / P Mehlitz	0:25:16
	4_4	11:50	Link	Wildfire Detection using satellites	Joe Carroll	0:43:30
	4_5	12:05	Link	Actionable Intelligence for Wildfire Management (screen sharing)	Kat Williams	0:59:00
	4_6	12:20	Link	Earth Observation Big Data & AI for Early Detection and Near Real-Time Monitoring of Wildfires	Yifang Ban	1:20:30
	12:35		Break			
Block 5	5_1	13:05	Link	Manned Aircraft - Fire Intel System	Greg Denton / Jordan Wilson	2:10:00
	5_2	13:20	Link	NASA RECOVER	Keith Weber	2:29:00
	5_3	13:35	no PPT	WIFIRE Lab Update	Jessica Block	2:45:00
	5_4	13:50	Link	XIOMAS Sensor Update	john green	3:05:47
	5_5	14:05	Link	Introduction to EDF's Wildfire-First Satellite Constellation	Ann Kapusta	3:23:00 Video 4 0:00:00
	5_6	14:30	no PPT	Fuego Update	Tim Ball	0:03:26
	5_7	14:35	no PPT	Open Led Discussion / Round Table		Vince, Birgit, Mike, Everett 0:09:26
	14:50		Break			
Block 6	6_1	15:30	Link	Incorporating UAS Measurements into Atmospheric and Wildfire Models in Real-Time	Rocio Vitalle	0:34:07
	6_2	15:45	Link	NUCAPS Application to Extreme Fire Weather Identification and Prediction in Support of National Weather Service and Navy Forecast Offices	Andy Lambert	0:52:00 Video 5 0:02:26
	6_3	16:00	no PPT	Extended Attack Assessment Index	Joaquin Ramirez	0:12:15
	6_4	16:15	Link	Water Drop Challenge: Team H2AERO	Colin Fischer (Va Tech)	0:28:33
	6_5	16:35	Link	Water Drop Challenge: Multi-aircraft Remote Emergency Response Assessment	Jack Barland (Ukan)	0:49:09
	6_6	16:50	Link	USDA Phase II SBIR: TACFI-RS	Steve Pollard	1:07:46
	6_7	17:05	no PPT	Open Discussion / Wrap Up / Adjourn		Vince, Birgit, Mike, Everett 1:22:05

Slides Online <https://fsapps.nwccg.gov/nirops/pages/tfrsac>

Block	Videos
Day 1 1	1 https://youtu.be/qW3zrBSOHl8
Day 1 2 & 3	2 https://youtu.be/JTY4s0AnEcc
Day 2 4 & 5	3 https://youtu.be/7ot5L-NaC3I
Day 2 5 & 6	4 https://youtu.be/qW8QqUvG-GE
Day 2 6	5 https://youtu.be/w8tzl_-SuGc