

ECOSTRESS Science and Applications Team Meeting

webex link: <https://jpl.webex.com/jpl/j.php?MTID=m5eb8d8b7669274a9dff3656cdc428128>

full address:

Tuesday, Oct 17, 2023

Time (Pacific)		Minutes	Meeting password: t2DrM5NNQ3v	Speaker	
8:00 AM	PT	0:30	Registration	No Host	
8:30 AM	PT	0:30	Meeting open: welcome and Introduction to ECOSTRESS	Simon Hook	
9:00 AM	PT	0:10	Welcome to ECOSTRESS team meeting	Keith Gaddis	
9:10 AM	PT	0:10	Update from NASA Earth Science Division	Karen St Germain/Jamie Wicks	Mission Updates
9:20 AM	PT	0:10	HQ update	Kevin Daugherty	HQ Update
9:30 AM		0:10	L-1 Update	Tom Logan	
9:40 AM		0:10	L-2 Update	Glynn Hulley	
9:30 AM	PT	1:00	Panel Discussion Q & A	Kerry Cawse-Nicholson, Christine Lee, Tom Logan, Glynn Hulley, Dana Freeborn	
10:30 AM	PT	0:30	Break (30 min)		Break
11:00 AM	PT	0:15	Josh Fisher Irrigate	Josh Fisher / Wim Bastiaanssen	Science and Applications Updates
11:15 AM	PT	0:15	Exploring Temperature Anomalies Across the Sacramento-San Joaquin Bay Delta	Sam Bashevkin + Christiana Ade	
11:30 AM	PT	0:15	Extreme heat in cities	Anamika Shreevastava	
11:45 AM	PT	0:15	CalFire Joint Talk	David Passovoy, Tadashi Moody, Madeleine, Christine	
12:00 PM		0:15	Applying Behavioral Science to Heat Island Data to Drive Hands-On Changes to Properties	Katie Patrick	
12:15 PM	PT	1:45	LUNCH BREAK		
2:00 PM	PT	0:10	SBG TIR	Simon Hook	Science and Applications Updates
2:10 PM	PT	0:10	SBG / EMIT / ECO Synergies	Michelle Gierach	
2:20 PM	PT	0:10	EMIT Apps	Dana Chadwick	
2:30 PM	PT	0:05	Closing Discussion	Simon Hook	
2:35 PM		0:05	Break (5 min)		
2:40 PM	PT	0:10	LP DAAC Overview	Cole K	Workshop
2:50 PM	PT	1:00	LP DAAC Workshop VITALS	LP DAAC Team Mahsa & Eric	
3:50 PM	PT	0:10	Break (10 min)		
4:00 PM	PT	1:00	LP DAAC/ JPL Workshop	JPL Team Marie Johnson & Claire Villanueva-Weeks	
5:00 PM	PT		End		

Wednesday, Oct 18, 2023

Time (Pacific)		Minutes	Title	Speaker	
8:00 AM	PT	0:30	Check in	No Host	Start
8:30 AM	PT	0:20	Post-Wildfire Trends in Evapotranspiration in Great Basin Rangelands	Scott Allen	Science and Applications Updates
8:50 AM	PT	0:20	Towards Enhancements in ECOSTRESS Products for Quantifying Ecosystem Evapotranspiration	Devendra Amatya	
9:10 AM	PT	0:20	I.C.E. C.R.E.A.M.: Integrating Communication of ECOSTRESS into Community Research	Josh Fisher	
9:30 AM	PT	0:20	Removing thin cirrus effects in thermal IR emission bands using the SWIR cirrus detection algorithm	Bo-Cai Gao	
9:50 AM	PT	0:20	Comparison of ECOSTRESS ET Data with Eddy Covariance Tower Measurements from the Sacramento-San Joaquin River Delta	Emma Safranek, Rojda Aslan Sungur, Brian Hornbuckle	

10:10 AM	PT	0:20	Break (30 min)		Break
10:30 AM		0:05	lightning talk		
10:35 AM	PT	0:20	Fully resolved diurnal cycles of LST over urban areas based on ECOSTRESS	Leiqiu Hu	Science and Applications Updates
10:55 AM	PT	0:20	Ecosystem water use depths from ECOSTRESS and their implication for drought	Benjamin Poulter / Andrew Feldman	
11:15 AM	PT	0:20	ECOSTRESS LST and ET estimates in thinned and burned forests in Arizona	Temuulen Sankey	
11:35 AM	PT	0:20	Sea surface temperature and thermal stress in intertidal shellfisheries	David Wethey	
11:55 AM	PT	1:10	LUNCH BREAK		
1:05 PM	PT	0:25	Travel to Carpinteria Salt Marsh		
1:30 PM	PT	1:30	Carpinteria Salt Marsh Tour	Andrew Brooks	
3:00 PM	PT	0:30	Travel back to Ventura		
3:30 PM	PT	0:10	End		

Thursday, October 19, 2023

Time (Pacific)		Minutes	Title	Speaker	
8:00 AM	PT	0:30	Networking and Discussion	No Host	Start
8:30 AM	PT	0:45	Lightning Talks	Marie Johnson, Zoe Pierrat , Jing Shi, Holland Hatch, Jeremy Forsythe	Science and Applications Updates
9:15 AM	PT	0:20	Tropical forests are approaching critical temperature thresholds	Joshua Fisher, Christopher Doughty	
9:35 AM	PT	0:20	Fire-driven changes in landscape water use: A diurnal, multi-ecoregion perspective	Madeleine Pascolini	
9:55 AM	PT	0:20	ET Sensitivity analysis	Gregory Halverson	
10:15 AM	PT	0:15	Chasing closure, advection schemes: want that Bad Romance in the atmospheric f	Carlos Wang	
10:30 AM	PT	0:20	Break (20 minutes)		
10:50 AM	PT	0:15	Detection of geothermal anomalies with ECOSTRESS data	Christoph Hecker, Agnieszka Soszynska	Science and Applications Updates
11:05 AM	PT	0:15	Incorporating changes in land surface temperature improves evapotranspiration es	Kaiyu Guan	
11:20 AM	PT	0:20	Establishing a Network to Monitor Transpiration in New York City's Urban Canopies	Nick Steiner	
11:40 AM	PT	0:20		Allison Steiner	
		0:20	Water-use and Land-cover Change Detection using ECOSTRESS and OpenET	Yun Yang	
12:00 PM		0:15	A Thermodynamic Basis for Thermal Remote Sensing; The theory and application to Natural and Managed Ecosystems Productivity	Jeff Luvall	Science and Applications Updates
12:15 PM	PT	0:05	Discussion / Close Out	Simon Hook	
			Adjourn		