

Day1 WebEx: <https://jpl.webex.com/jpl/j.php?MTID=m05a370445b1b8fb467c334ecaf45ea4f>

Day2 WebEx: <https://jpl.webex.com/jpl/j.php?MTID=m611e3f4ad36ae5640f6563252121cf25>

Day3 WebEx: <https://jpl.webex.com/jpl/j.php?MTID=m2732102f72abea1a9a691258db65638f>

### ECOSTRESS Interim Science and Applications Team Meeting

Tuesday, August 17, 2021

Time (Pacific)	Minutes	Title	Speaker	
9:00 AM	PT	0:10	Meeting open: welcome and Introduction to ECOSTRESS	Simon Hook <i>Start</i>
9:10 AM	PT	0:10	NASA Headquarters Perspective	Woody Turner/Keith Gaddis/Mike Obland <i>Mission and DAAC Updates</i>
9:20 AM	PT	0:10	Overview of ECOSTRESS Science and Applications	Simon Hook
9:30 AM	PT	0:10	Project Manager Overview and Build 7 Notes	Dana Freeborn
9:40 AM	PT	0:10	LP DAAC Updates	Tom Maersperger
9:50 AM	PT	0:10	L1 Calibration and Geolocation	Tom Logan
10:00 AM	PT	0:10	L2 Land Surface Temperature and Emissivity + Cloud Mask	Glynn Hulley <i>Product Updates</i>
10:10 AM	PT	0:10	L3/4 Evapotranspiration, Evaporative Stress Index and Water-Use Efficiency	Gregory Halverson
10:20 AM	PT	0:10	L3/4 (USDA) Evapotranspiration and Evaporative Stress Index	Martha Anderson
10:30 AM	PT	0:15	Break	<i>Break</i>
10:45 AM	PT	0:10	Evaluating a CONUS-Wide disALEXI Evapotranspiration product	Kerry Cawse-Nicholson
10:55 AM	PT	0:10	A physics-based surface energy balance model for estimating evapotranspiration in selected agro-ecosystems using high resolution thermal infrared observations from ECOSTRESS	Devansh Desai
11:05 AM	PT	0:10	Evaluation of a terrestrial biosphere model with ECOSTRESS land surface temperature	Miriam Johnston <i>Science and Applications Updates</i>
11:15 AM	PT	0:10	Using thermal imaging to evaluate an urban heat island mitigation project in Los Angeles	Greg Spotts
11:25 AM	PT	0:10	Monitoring forest restoration progress, and assessing the ecosystem service of diurnal thermal buffering and ET change using ECOSTRESS	Jonas Hamberg
11:35 AM	PT	0:10	Wildfire assessment including ECOSTRESS	Lee Miller/Andre Coleman
11:45 AM	PT	0:10	Using ECOSTRESS to explore diurnal evolution of city-scale tree temperature	Thuy Trang Vo
11:55 AM	PT	0:15	Discussion	Kerry Cawse-Nicholson <i>Discussion</i>
12:10 PM	PT	2:00	LP DAAC Office Hours - ask any questions or troubleshoot data access or handling	LP DAAC Team
2:10 PM	PT			

Wednesday, August 18, 2021

<b>Time (Pacific)</b>	<b>Minutes</b>	<b>Title</b>	<b>Speaker</b>		
9:00 AM	PT	0:05	Meeting open	Simon Hook	<i>Start</i>
9:05 AM	PT	0:15	ECOSTRESS and IrriWatch	Wim Bastiaanssen	
9:20 AM	PT	0:15	Developing Spatial Real-Time Forecasts of Mosquito-Borne Diseases	Nicholas DeFelice	
9:35 AM	PT	0:15	Managing vegetation to reduce urban heat impacts: an evidence-based approach for the City of Phoenix	Soe Myint	
9:50 AM	PT	0:15	Evaluating the Potential of ECOSTRESS for Predicting Wildfire Effects on Plant Community Structure and Water Relations in an Arizona Sky Island Pine-Oak Forest	Helen Poulos	<i>Science and Applications Updates</i>
10:05 AM	PT	0:15	Merging ECOSTRESS with Field Data in the Highest Uncertainty Water Use Efficiency Regions in the World	Christopher Doughty	
10:20 AM	PT	0:15	Exploiting Diurnal Cycles to Evaluate Vegetation Responses to Heat and Drought Stress	Christian Frankenberg, Yi Yin	
10:35 AM	PT	0:15	Break		<i>Break</i>
10:50 AM	PT	0:15	New Estimates of Terrestrial Carbon and Water Fluxes by Combining the Carbonyl Sulfide Stomatal Conductance Tracer Framework and High Resolution Surface Data	Mary Whelan	
11:05 AM	PT	0:15	Understanding Diurnal Cycles of Plant Water Use and Carbon Uptake with Existing and New Products Based on ECOSTRESS, MODIS, and FLUXNET	Jingfeng Xiao	<i>Science and Applications Updates</i>
11:20 AM	PT	0:15	How Much Water is Evaporated Across California?: An Assessment Using a MesoNetwork of Eddy Covariance Sites, a Biophysical Model Forced with Satellite Remote Sensing and ECOSTRESS Data	Dennis Baldocchi	
11:35 AM	PT	0:15	GRACE-FO and ECOSTRESS synergies constrain human impacts on the water balance	Madeleine Pascolini-Campbell	
11:50 AM	PT	0:15	Water conservation is a way of life: how can ECOSTRESS help?	Dan Carney/ Christine Lee	
12:05 PM	PT	0:15	NASA Headquarters Earth Science: the ISS, ECOSTRESS and the community	Jamie Wicks	
12:20 PM	PT	0:25	Discussion	Simon Hook	<i>Discussion</i>
12:45 PM	PT		End		<i>End</i>

Thursday, August 19, 2021

Time (Pacific)		Minutes	Title	Speaker	
9:00 AM	PT	0:05	Meeting open	Kerry Cawse-Nicholson	<i>Start</i>
9:05 AM	PT	0:10	TRISHNA	Simon Hook	
9:15 AM	PT	0:10	LSTM	Ben Koetz	<i>Synergies</i>
9:25 AM	PT	0:20	Surface Biology and Geology	Chip Miller	
9:45 AM	PT	0:20	Headquarters Q&A and Impact Discussion	Simon Hook	
10:05 AM	PT	0:15	Break		<i>Break</i>
10:20 AM	PT	0:15	Investigating Dynamic Thermal Processes to Optimize Geothermal Hotspot Detection	Agnieszka Soszynska, Christoph Hecker	
10:35 AM	PT	0:15	ECOSTRESS Surface Temperature over Inland Waters for Aquatic Ecosystem Applications	Christine Lee	<i>Science Applications and Updates</i>
10:50 AM	PT	0:15	Examining the Relation Between Biodiversity and Surface Temperature Regimes in Localized Coastal Upwelling Zones Using ECOSTRESS	Daniel Otis	
11:05 AM	PT	0:15	Heat and Desiccation Risk Prediction in Intertidal Shellfisheries	David Wethey	
11:20 AM	PT	0:15	Thermal Stress in South Florida Estuaries: A Multi-Sensor Assessment	Chuanmin Hu	
11:35 AM		0:10	Diurnal Vegetation Water Stress Over a Semiarid Mixed Conifer Forest	Mostafa Javadian	
11:45 AM	PT	0:15	Discussion	Christine Lee	<i>Discussion</i>
12:00 PM	PT		Closing Remarks	Simon Hook	<i>Closing</i>