

OpenET

APPLICATIONS CONFERENCE

Salt Lake City, Utah
November 17 - 18, 2026

WALTON FAMILY FOUNDATION

Waverley Street Foundation

Environmental Defense Fund

olsson

Jacobs

GKBLUESHIFT Culp & Kelly, LLP

CONFERENCE OVERVIEW

Conference Objectives

The OpenET Consortium is excited to bring together the OpenET user community to showcase successes across diverse applications, foster collaboration and shared learning, and continue building a strong community of practice. Together, we can accelerate the advancement of the science, applications, and usability of OpenET data to support solutions that address critical water management challenges. 2026 Session Block tracks are:

Accuracy | Natural & Urban Landscapes | Regional Management | Drought & Conservation | On-Farm Management

Acknowledgments

OpenET Inc. extends its sincere gratitude to our Consortium Partners, whose scientific guidance, technical contributions, and shared commitment to advancing open, accessible evapotranspiration (ET) data for water management make our work possible and helped bring the 2026 OpenET Applications Conference to life. **Special thanks to the OpenET Program Committee** for thoughtfully shaping this year's sessions and plenaries.

We also thank our conference sponsors, the Walton Family Foundation, Waverley Street Foundation, Environmental Defense Fund, Olsson, Jacobs, and CK BlueShift for their generous support.

Finally, we gratefully acknowledge **Google Earth Engine** for its substantial in-kind computing and storage support, which helps keep OpenET data openly available to the public.

Developer Team Office Hours

Thank you to the Developer Team for making OpenET possible!
Use the QR code to sign up for an office hour time slot in the Blue Spruce Room.

Salt Lake City Recommendations

If you have extra time, here are some recommendations from the OpenET team for exploring Salt Lake City!

Notice of Filming and Photography. Please be advised that photography, filming, and recording will take place throughout the OpenET Applications Conference. By attending the event, you consent to photography, video recording, and audio recording, and its/their release, publication, exhibition, or reproduction to be used by the OpenET Consortium and its representatives. By participating in the OpenET Applications Conference, you are agreeing to release, defend, hold harmless, and indemnify the OpenET Consortium and its representatives from any and all claims involving the use of your picture or likeness.

Registration

Name badges and conference programs will be available at the registration desk in the Salt Lake Foyer on Tuesday, November 17, from **7:45am - 9:00am**.
Breakfast and lunch are provided, along with coffee breaks and a hosted evening reception.

Tuesday, November 17

Time	Event	Location
7:45am-9:00am	**Registration Desk Open**	Salt Lake Foyer
8:00am-9:00am	**Breakfast**	Salt Lake Foyer
9:00am-10:40am	**Plenary** **Opening Remarks & Moderator:** *Sara Larsen, OpenET Inc.* ***Keynote Speaker:*** *David Palumbo, U.S. Bureau of Reclamation* ***Science*** *- Forrest Melton, NASA Ames Research Center* ***Technology*** *- Charles Morton, Desert Research Institute* ***Impact & Partnership*** *- Brian Clark, USGS Water Resources Mission Area* ***Impact & Partnership*** *- Dwane Roth, Fourth-Generation Kansas Farmer*	Salt Lake Ballroom
10:40am-11:00am	**Morning Coffee Break**	Salt Lake Foyer
11:00am-12:30pm	**Session Block 1** ***Accuracy*** *- Understanding Uncertainty in Complex Landscapes (Room A)* ***Natural and Urban Landscapes*** *- Advances and Applications of OpenET (Room B)* ***Regional Management*** *- Decision Support Tools and Water Accounting (Room C)* ***Drought and Conservation*** *- Agricultural Water Conservation (Room D)* ***On-Farm Management*** *- Crop Water Use & Irrigation Strategies (Room E)*	
12:30pm-1:30pm	**Lunch**	Salt Lake Foyer
1:30pm-3:00pm	**Session Block 2** ***Accuracy*** *- Tools & Techniques for Improving Accuracy (Room A)* ***Natural and Urban Landscapes*** *- ET in Inundated and Urban Environments (Room B)* ***Regional Management*** *- Evaluating Crop Water Needs (Room C)* ***Drought and Conservation*** *- Modeling Demand and Demand Mgmt. Programs (Room D)* ***On-Farm Management*** *- Measuring Consumptive Use & Water Savings (Room E)*	
3:00pm-3:30pm	**Afternoon Coffee, Snacks, and Networking**	Salt Lake Foyer
3:30pm-5:00pm	**Water Café**	Salt Lake Ballroom
5:00pm-7:00pm	**Poster Session and Hosted Reception**	Salt Lake Foyer

Wednesday, November 18

Time	Event	Location
8:00am-9:00am	**Breakfast**	Salt Lake Foyer
9:00am-10:40am	**Plenary** **Second Day Welcome & Moderator:** *Sara Larsen, OpenET Inc.* ***Keynote Speaker:*** *Rachel O'Connor, Environmental Defense Fund* ***Karin Tuxen-Bettman**, Google* ***Amy Haas**, Colorado River Authority of Utah* ***Susan Metzger**, Kansas Water Institute, Kansas State University* ***Jay Ziegler**, California State Water Resources Control Board*	Salt Lake Ballroom
10:40am-11:00am	**Morning Coffee Break**	Salt Lake Foyer
11:00am-12:30pm	**Session Block 3** ***Accuracy** - Assessments for Agricultural Water Decisions (Room A)* ***Natural and Urban Landscapes** - ET Dynamics in Forested and Fire-Disturbed Landscapes, Part 1 (Room B)* ***Regional Management** - Using OpenET to Estimate Groundwater Pumping (Room C)* ***Drought and Conservation** - Valuing Water and Downstream Impacts/Transboundary Considerations (Room D)* ***On-Farm Management** - Field Validation, Sensors & Water Stress (Room E)*	
12:30pm-1:30pm	**Lunch**	Salt Lake Foyer
1:30pm-2:30pm	**ET Science Fireside Chat** **Moderator:** John Volk, Desert Research Institute ***Ayse Kilic**, University of Nebraska–Lincoln* ***Bill Kustas**, United States Department of Agriculture* ***Jan Hendrickx**, New Mexico Tech* ***Lawrence Hipps**, Utah State University* ***Martha Anderson**, United States Department of Agriculture* ***Rick Allen**, Evapotranspiration Plus, LLC*	Salt Lake Ballroom
2:30pm-3:00pm	**Afternoon Coffee, Snacks, and Networking**	Salt Lake Foyer
3:00pm-4:30pm	**Session Block 4** ***Accuracy** - Measuring Model Performance & Reliability (Room A)* ***Natural and Urban Landscapes** - ET Dynamics in Forested and Fire-Disturbed Landscapes, Part 2 (Room B)* ***Regional Management** - Novel Applications Across States and Regions (Room C)* ***Drought and Conservation** - Drought and Climate Projection Modeling (Room D)* ***On-Farm Management** - From ET Data to On-Farm Decisions (Room E)*	
4:30pm-5:00pm	**Closing Remarks**	Room C

Day 1 Plenary: 9:00am - 10:40am

Please join us in the **Salt Lake Ballroom** to kick off the conference with updates from the OpenET Science and Developer Teams, along with perspectives from partners and producers putting the data to work!

Welcome and Conference Kickoff — Salt Lake Ballroom

Opening Remarks & Moderator: *Sara Larsen, CEO, OpenET Inc.*

Keynote Speaker: *David Palumbo, Deputy Commissioner of Operations, U.S. Bureau of Reclamation*

Science
Forrest Melton, Senior Research Scientist, NASA Ames Research Center

Technology
Charles Morton, Assistant Research Scientist, Desert Research Institute

Impact & Partnership
Brian Clark, Water Availability and Use Science Program Coordinator, USGS Water Resources Mission Area

Impact & Partnership
Dwane Roth, Fourth-Generation Kansas Farmer

Session Block 1: 11:00am - 12:30pm

Accuracy - Understanding Uncertainty in Complex Landscapes — Room A

Moderator: Rick Allen, Evapotranspiration Plus, LLC

Paul Inkenbrandt, Utah Geological Survey
Utah Flux Network

Lee Johnson, CSU Monterey Bay | NASA-ARC
OpenET Performance Evaluation in California Central Coast Vegetable Crops

Samuel Ortega-Farias, Universidad de Talca, Chile
Establishing an OpenET Framework for Satellite-Based Evapotranspiration Monitoring in Vineyards and Orchards in the Maule Region, Chile

Sean Collier, Southern Nevada Water Authority
Analyzing Evapotranspiration Estimates in Narrow River Corridors Using OpenET

Tuesday, November 17

Natural and Urban Landscapes - Advances and Applications of OpenET

Room B

Moderator: Yun Yang, Cornell University

Yeonuk Kim, Desert Research Institute
Extending Robust Evapotranspiration Mapping Beyond Agriculture

Ge Sun, USDA Forest Service
Assessment of Spatial Resolution Enhanced ECOSTRESS LST and ET Data for Estimating Forest Evapotranspiration on Atlantic Coastal Plain Watersheds

Sagarika Rath, Texas A&M AgriLife Research
Evaluation of OpenET Products for Hydrologic Model Evapotranspiration Assessment in the Southeastern United States

Katherine Heidel, Tetra Tech, Inc.
OpenET for Planning and Restoration at the Salton Sea

Regional Management - Decision Support Tools and Water Accounting

Room C

Moderator: Chris Pearson, Desert Research Institute

Pierre Dal Bianco, Davids Engineering
Parcel-Scale Water Accounting for Groundwater Management: The Colusa Subbasin Water Accounting System

Weston Koehn & James Schneider, Olsson
Bridging the Data Gap: A Data-Driven Decision Support Tool for Groundwater Conservation and Agricultural Production

Kelly Thorp, USDA Agricultural Research Service
Evaluation of Evapotranspiration Simulations from the U.S. National Agroecosystem Model Using OpenET Data

Anderson Ruhoff, Universidade Federal do Rio Grande do Sul
From Evapotranspiration to Irrigation: Advancing OpenET-Brazil for Continental-Scale Water Accounting under a Changing Climate

Drought and Conservation - Agricultural Water Conservation

Room D

Moderator: Rachel O'Connor, Environmental Defense Fund

Cameron Wobus, CK Blueshift, LLC
Using OpenET to Inform Water Conservation in Arizona

Amanda Daniels, Colorado River Authority of Utah
OpenET Across the Demand Management Pilot Program Cycle: Applications in Project Selection, Compensation, Verification, and Reporting

Mike Follum, Follum Hydrologic Solutions, LLC
Scaling OpenET from Fields to River Basins: The UCRAF Decision Support Framework

Hannah Haugen, Montana DNRC
Expanding the Temporal Range of Consumptive Water Use Estimates in Montana by Calibrating a Soil-Water Model with OpenET Data

Tuesday, November 17

On-Farm Management - Crop Water Use & Irrigation Strategies

Room E

Moderator: José Rodríguez-Flores, CSU Monterey Bay | NASA-ARC

Samikshya Subedi, University of Minnesota
Developing Region-Specific Crop Coefficients for Minnesota Corn and Soybean Using OpenET and Climate

Sean Graham, AgMonitor Inc.
Impact of New API Features on SIMS-Based Applied Water Estimation in Row Crops

Alok Pandit, Oklahoma State University
Comparing Evapotranspiration in Furrow vs. Sub-surface Drip Irrigated Cotton Fields Using OpenET

Masoumeh Hashemi, Utah State University
Using Satellite-Based Evapotranspiration Tools to Improve Water Management in Tart Cherry Orchards

Session Block 2: 1:30pm - 3:00pm

Accuracy - Tools & Techniques for Improving Accuracy

Room A

Moderator: Mac Friedrichs, KBR Inc. (Contractor to USGS EROS)

Chase Mueller, KBR Inc. (Contractor to USGS EROS)
USGS Landsat Level-2 Surface Temperature and Emissivity: Prospective Collection 3 Advancements

Jiaxin Wang, Cornell University
Sharpening OpenET Evapotranspiration from 30 m to 3 m with Planet Imagery Using Wavelet-Transform ET Mapping (WTEM)

Rachel Suhs, University of Alabama in Huntsville
OpenET for Hydrological and Agricultural Assessment in the Southeastern United States: Project Overview and Initial Research Directions

Conor Doherty, CSU Monterey Bay | NASA-ARC
OTTER: An Actual Evapotranspiration-Driven Soil Water Balance Model for Calculating Effective Precipitation and Irrigation Contributions to Crop Water Use

Natural and Urban Landscapes - ET in Inundated and Urban Environments

Room B

Moderator: Jack Eggleston, U.S. Geological Survey

Carlos Wang, University of California, Los Angeles
Wetland ET: Lessons Learned and Future Directions

Morgan Levy, University of California, San Diego
Cooling Benefits and Water Costs of Urban Greening in an Arid Coastal Region

Chris Pearson, Desert Research Institute
Refining the Water Budget: Integrating Open Water Evaporation into OpenET

Morgan Levy, University of California, San Diego
OpenET in Complex Urban Landscapes: A Campus-Scale Irrigation and Vegetation Inventory

Tuesday, November 17

Regional Management - Evaluating Crop Water Needs

Room C

Moderator: Francisco Muñoz-Arriola, University of Nebraska-Lincoln

Will Bowers, Utah State University
Using OpenET to Estimate Net Irrigation Requirements for Utah

Sarah Sexton-Bowser, Kansas State University
Contrasting Crop Water-Use Responses for Corn and Sorghum to Increasing Atmospheric Demand Revealed by OpenET

José Rodríguez-Flores, CSU Monterey Bay | NASA-ARC
Using OpenET to Evaluate Seasonal Water Use of SGMA-Ready Winter Cropping Systems in California's San Joaquin Valley

Meetpal Kukal, University of Idaho
Quantifying and Disseminating Water Footprint of Dairy Feed Rations Across the U.S.

Drought and Conservation - Modeling Demand and Demand Management Programs

Room D

Moderator: Sayantan (Monty) Majumdar, Desert Research Institute

Jeff Davids, Davids Engineering
How Remote-Sensing ET Accounting Supports Groundwater Demand Management under California's SGMA

Lily Bosworth, Jacobs Engineering
Methods for OpenET-Based Water Conservation Accounting in the Utah Demand Management Pilot Program

Peter ReVelle, Desert Research Institute
Separating the Signal: OpenET-Based Agricultural Water Demand Projections by Water Source in Nevada

Vivek Srinivasan, WELL Labs
High-Resolution Evapotranspiration Mapping for India's Water Security: The OpenET India Initiative

On-Farm Management - Measuring Consumptive Use & Water Savings: Applications and Best Practices

Room E

Moderator: Sara Larsen, OpenET Inc.

Ali Montazar, University of California Agriculture and Natural Resources
Field-Scale Verification of Deficit Irrigation Impacts Using OpenET in Imperial Valley Forage Systems

Joseph Cook, University of Wyoming
Using OpenET to Quantify Conserved Consumptive Use in Wyoming's Agricultural Water Conservation Programs

Eric Edwards, University of California, Davis
Getting Applied Water Right: Using OpenET and Crop Coefficients to Understand Irrigator Behavior

Rachel O'Connor, Environmental Defense Fund
A New Practitioner's Guide for Applying OpenET Data in Agricultural Water Conservation Programs

Water Café: 3:30pm - 5:00pm

Please join us in the **Salt Lake Ballroom** for the Water Café! Water Café brings us together in small groups to explore key topics and share ideas. Each table will be facilitated by members of the OpenET community. Choose a topic below and join that table for a 20–25 minute conversation. When time is called, move to a new table and topic. You'll **rotate through three conversations**. We hope you'll find ideas to carry forward in your work and build stronger connections across the OpenET community along the way!

Water Café Topic	Facilitators	Table Number
Assessing OpenET Accuracy: Future Priorities	John Volk, DRI Rick Allen, Evapotranspiration Plus, LLC	1
Conserved Consumptive Use Approaches - Basin-Scale Programs	Sara Larsen, OpenET Inc. Brenna Mefford, Wilson Water Group	2
Conserved Consumptive Use Approaches - Measuring On-Farm Changes	Justin Huntington, DRI Sarah Sexton-Bowser, KSU	3
Field-Level Estimation of Applied Water Using ET and Effective Precipitation	José Rodríguez-Flores, CSUMB | NASA Jeff Davids, Davids Engineering	4
Methods to Estimate Effective Precipitation	Conor Doherty, CSUMB | NASA A.J. Purdy, CSUMB | NASA	5
Estimating Groundwater Pumping without Metered Data	Blake Minor, DRI Rachel O'Connor, EDF	6
ET Across Natural and Disturbed Landscapes: Magnitude and Change	Yeonuk Kim, DRI Carlos Wang, UCLA	7
ET and Drought Management & Monitoring	Martha Anderson, USDA Rachel Suhs, UAH	8
ET Over Fallowed Lands and Bare Soil	Forrest Melton, NASA Lily Bosworth, Jacobs Engineering	9
Growing the OpenET Community	Garshaw Amidi-Abraham, EDF Francisco Muñoz-Arriola, UNL	10
ML/AI & ET Data Applications	Monty Majumdar, DRI María Zamora Re, OSU	11
Open Water Evaporation	Chris Pearson, DRI Peter ReVelle, DRI	12
OpenET Across the Ogallala / High Plains Aquifer	Susan Metzger, KSU James Schneider, Olsson	13

Tuesday, November 17

Water Café Topic	Facilitators	Table Number
OpenET in the Southeastern U.S.	Ge Sun, USDA Vikalp Mishra, UAH	14
OpenET in U.S. State & Federal Agencies	Jack Eggleston, USGS Christopher Hain, NASA	15
Satellite Missions & Data Fusion	Mac Friedrichs, KBR Inc. (USGS) Josh Fisher, Chapman University	16
OpenET International Expansion	Anderson Ruhoff, UFRGS Gopal Penny, EDF	17
User Feedback - Accessing OpenET Data at Scale	Charles Morton, DRI Thomas Boyles, OpenET Inc.	18
User Feedback - OpenET API, Data Explorer & FARMS	Alberto Guzman, CSUMB | NASA OpenET Developer Team	19

Poster Session & Reception: 5:00 - 7:00pm

Please join us in the **Salt Lake Foyer** for the evening poster session and hosted reception featuring a bar and hors d'oeuvres. You'll find **two free drink tickets** in your conference packet - please enjoy!

Alok Pandit, Oklahoma State University
Using OpenET to Model Applied Irrigation Water at the Place of Use

Debashree Halder Tuli, University of Kansas
Evaluation of Water Balance Data Sources and OTTER-Derived ET of Applied Water in Southwestern Kansas

Dinesh Gulati, University of Idaho
Assessing realism of soil water balance estimates of ET using OpenET in Idaho

Emery Silberman, University of California, Merced
Cutting-Aware OpenET: Field-Scale Evapotranspiration Refinement and Late-Season Water-Saving Scenarios for California Alfalfa

Harol Bueno Leal, University of Idaho
Evaluating publicly available ET products for irrigation management in commercial fields

Jan Hendrickx, New Mexico Tech
Evaluating OpenET Models Using Physical Consistency

Jayashree Saha, University of Idaho
Evaluating major gridded weather datasets for consumptive use estimation for the Pacific Northwest

Poster Session & Reception: Continued

Jordan Beamer, Oregon Water Resources Department
Building Oregon's Water Data Backbone: Cross-Institutional Collaboration for Applied Water Management

Justin Huntington, Desert Research Institute
Water Right Buybacks: Quantifying How Much Consumptive Use Is Actually Conserved

Justin Huntington, Desert Research Institute
Toward Fit-for-Purpose Evapotranspiration Observations

Karem Meza Capcha, University of California, Davis
Toward Precision Irrigation: Almond Crop Coefficients from OpenET and Satellite-Derived Fractional Cover

Lena Pransky, NASA EarthRISE
OpenET in the Southeastern United States: Connecting to Stakeholder Needs and Regional Decision-Making

Meetpal Kukal, University of Idaho
Assessing variety/cultivar choice as a demand management strategy across Pacific Northwest potato fields

Muhammad Umar Akbar, Oklahoma State University
A Multi-Sensor Machine Learning Framework for Improving OpenET Evapotranspiration Estimates and Quantifying Irrigation Water Use: A Case Study from Oklahoma

Santanu Banerjee, University of Idaho
Quantifying conservable consumptive use for individual fields by benchmarking regional crop water productivity

Sergio Iván Jiménez Jiménez, Instituto Nacional de Investigaciones Forestales, Agrícolas y Pecuarias
Expanding OpenET to Mexico: Opportunities for Monitoring and Modeling Evapotranspiration and Agricultural Water Productivity

Seth J.K. Mason, Lotic Hydrological
Directional effects of geography and practice on agricultural water conservation outcomes across western Colorado

Tarique Aziz, Utah State University
Which OpenET model works best for Utah wine grapes? A multi-site comparison of ET and crop coefficients

Tebo Shinetulga & Joseph Harris, University of Idaho
Analysis and Visualization of Evapotranspiration Data

Day 2 Plenary: 9:00am - 10:40am

Please join us in the **Salt Lake Ballroom** to hear how leaders across the government, academic, nonprofit, and technology sectors are applying ET data to real water decisions, what has changed as a result, and what they'd like to see next. The session closes with a Q&A featuring all speakers.

Wednesday Morning Plenary — **Salt Lake Ballroom**

Second Day Welcome & Moderator: ***Sara Larsen, CEO, OpenET Inc.***

Keynote Speaker: *Rachel O'Connor, Director, Resilient Water Systems, Environmental Defense Fund*

Karin Tuxen-Bettman*, Senior Program Manager, Google*

Amy Haas*, Executive Director, Colorado River Authority of Utah*

Susan Metzger*, Director, Strategic Interdisciplinary Program Development and Director of the Kansas Water Institute, Kansas State University*

Jay Ziegler*, Delta Watermaster, California State Water Resources Control Board*

Session Block 3: 11:00am - 12:30pm

Accuracy - Assessments for Agricultural Water Decisions — **Room A**

Moderator: Ayse Kilic, University of Nebraska-Lincoln

Olmo Guerrero Medina, University of California, Davis
OpenET Performance Under Agricultural Water Conservation Practices: Implications for Water Accounting and Management

Nicolas Bambach, University of California, Davis
Advancing Water Management: Field-Scale ET Estimation Using OpenET and Infrared Radiometry in Wine-Grape Vineyards

Udit Debangshi, Kansas State University
Evaluating OpenET for Field-Scale Water Management Using UAV-Based Energy Balance Modeling in Irrigated Soybean Systems

Emery Silberman, University of California, Merced
Cutting-Aware OpenET: Field-Scale Evapotranspiration Refinement and Late-Season Water-Saving Scenarios for California Alfalfa

Wednesday, November 18

Natural and Urban Landscapes - ET Dynamics in Forested and Fire-Disturbed Landscapes, Part 1

Room B

Moderator: Carlos Wang, UCLA

Anderson Ruhoff, Universidade Federal do Rio Grande do Sul & Yun Yang, Cornell University
Branching Out: Exploring Applications of ET Data in Forested Areas

Yun Yang, Cornell University
Satellite Retrieved Evapotranspiration for Understanding Forest Ecohydrology in the Southeastern United States

Shahryar K. Ahmad, NASA Goddard Space Flight Center
Quantifying Post-Fire ET Change and Recovery Across the Western U.S. with OpenET, by Burn Severity and Drought

Subhankar Das, University of Idaho
OpenET-Driven Machine Learning Framework for Predicting Wildfire Burn Severity

Regional Management - Using OpenET to Estimate Groundwater Pumping

Room C

Moderator: A.J. Purdy, CSU Monterey Bay | NASA-ARC

Justin Huntington, Desert Research Institute
Turning OpenET into Operational Water Accounting: Lessons from Western State and Federal Partnerships

Sayantan (Monty) Majumdar, Desert Research Institute
Validation and Intercomparison of OpenET-Based Groundwater Pumping Estimates Across Southwestern United States: Results from Nevada, Arizona, and New Mexico

Brenna Mefford, Wilson Water Group
Estimating Groundwater Pumping in Colorado's Southern High Plains Basin from OpenET ET Data

Jordan Beamer, Oregon Water Resources Department
Integrating OpenET into Groundwater Studies at the Oregon Water Resources Department

Drought and Conservation - Valuing Water and Downstream Impacts/Transboundary Considerations

Room D

Moderator: Gopal Penny, Environmental Defense Fund

Brett Bovee, WestWater Research
Leveraging OpenET for Water Market Valuations

James Schneider, Olsson
Closing the Water Budget on Irrigated Agriculture at the Parcel Level in Nebraska

Eli Asarian, Riverbend Sciences
Strengths and Limitations of Using OpenET to Understand Effects of Agricultural Water Management on River Flows

Francisco Muñoz-Arriola, University of Nebraska-Lincoln
OpenET-Valle de Mexicali: Challenges and Opportunities in Conservation Agriculture

On-Farm Management - Field Validation, Sensors & Water Stress — **Room E**

Moderator: Conor Doherty, CSU Monterey Bay | NASA-ARC

Abinava Yeshwanth Kalayambakam Janardhan, Oklahoma State University
Evaluating OpenET-Based Root-Zone Depletion Estimates Against Soil Moisture Sensor Observations in Irrigated Fields

Jacob Kettner, Oklahoma State University
Comparisons of Soil Moisture Based Evapotranspiration Estimates With Evapotranspiration from OpenET

Satheesh Meadi, Oklahoma State University
Modeling Canopy Temperature of Cotton Using OpenET

Jagdish Girimaji, Bhumetric
Integrating OpenET with High-Resolution Topographic Modeling and Ground-Truth Sensors for Precision Vineyard Irrigation Auditing

ET Science Fireside Chat: 1:30pm – 2:30pm

Please join us in the **Salt Lake Ballroom** for our ET Science Fireside Chat! Much of the science behind OpenET traces back to the work of this panel. Join them for a conversation about where ET science has been and where it's headed, from energy balance and eddy covariance to remote sensing, and what it all means for people using ET data to make water decisions. Bring your questions for the audience Q&A!

ET Science Fireside Chat — **Salt Lake Ballroom**

Moderator: John Volk, Desert Research Institute

***Ayse Kilic**, University of Nebraska–Lincoln*

***Bill Kustas**, United States Department of Agriculture*

***Jan Hendrickx**, New Mexico Tech*

***Lawrence Hipps**, Utah State University*

***Martha Anderson**, United States Department of Agriculture*

***Rick Allen**, Evapotranspiration Plus, LLC*

Wednesday, November 18

Session Block 4: 3:00pm - 4:30pm

Accuracy - Measuring Model Performance & Reliability

Room A

Moderator: Martha Anderson, USDA Agricultural Research Service

Chuck Cullom, Upper Colorado River Commission
Co-Production of Eddy Covariance Tower Performance Criteria for the Upper Colorado River Basin Flux Network

Jason Kelley, University of Idaho
Statistical Footprint Matching of Eddy-Covariance and OpenET

Srinivasa Rao Peddinti, University of California, Davis
Crop-Specific Evaluation of OpenET Evapotranspiration Models Using Eddy Covariance Measurements Across California Agricultural Systems

Meredith Reitz, U.S. Geological Survey
Performance Mapping and Weighting for the OpenET Models

Natural and Urban Landscapes - ET Dynamics in Forested and Fire-Disturbed Landscapes, Part 2

Room B

Moderator: Anderson Ruhoff, Universidade Federal do Rio Grande do Sul

Ahmed Elshobary, University of Idaho
Using OpenET to Quantify Post-Wildfire Changes in Water Yield Across Large Mountain Watersheds

Brent Ewers, University of Wyoming
Evaluating OpenET Ensemble and Constituent ET Models in Snow-Dominated Conifer Forests

Yun Yang, Cornell University
Advancing Understanding of Forest Water Use Using OpenET

Ge Sun, USDA Forest Service
Constraining Forest Watershed Evapotranspiration Estimation by Integrating Multiple Methods

Regional Management - Novel Applications Across States and Regions

Room C

Moderator: Justin Huntington, Desert Research Institute

A.J. Purdy, CSU Monterey Bay | NASA-ARC
OpenET Applications for Sustainable Groundwater Management in California

Adriel Ramirez, Zanjero
From OpenET Data to Water Management Decisions: Practical Applications for Policy Development and Implementation

Rachel Musil, Upper Colorado River Commission
Applications of OpenET for Water Management in the Upper Colorado River Basin

Garshaw Amidi-Abraham, Environmental Defense Fund
Emerging OpenET Applications for Water Management Across Texas: From Wine-Country Irrigation Management to Panhandle Groundwater Planning

Wednesday, November 18

Drought and Conservation - Drought and Climate Projection Modeling

Room D

Moderator: Gabe Parrish, KBR Inc. (Contractor to USGS EROS)

Jacob Vejby, Agency for Climate Data, Denmark
Ensemble ET for Drought Monitoring in Denmark

Sanai Li, Oregon State University
Developing Crop-Specific Agricultural Drought Indices for Oregon by Integrating Drought Indices, Environmental Indicators, and Water-Supply Information

Christopher Traft, University of New Mexico
Quantifying the Effects of Climate Change on Evapotranspiration Rates over Irrigated Land in the Rio Grande Basin

Alfonso Torres-Rua, Utah State University
Assessing Utah Irrigation Canal Companies' Performance Under Future Climate Scenarios Using OpenET-Based Remote Sensing Water Balance Models

On-Farm Management - From ET Data to On-Farm Decisions

Room E

Moderator: Forrest Melton, NASA Ames Research Center

María Zamora Re, Oregon State University
Forecasting Daily Actual Evapotranspiration Using OpenET and Machine Learning for Irrigation Management in Oregon

Silas Ekadu, Utah State University
Helping Farmers Manage Water: Using Real-Time Field Data and OpenET to Support On-Farm Irrigation Decisions in Utah's Colorado River Basin

Sebastian Saa, Almond Board of California
Updating the Almond Irrigation Improvement Continuum: Unlocking Water Use Efficiency for California Almonds with Satellite Data

Aparna Ravindra Phalke, NASA EarthRISE, Marshall Space Flight Center
Characterizing Agricultural Water Use in Alabama by Integrating OpenET with Satellite-Derived Agricultural Insights from the Farm Action Toolkit (FAcT)

Share Your Feedback

Help us make future OpenET events even better!

Stay Connected With Us

Follow along for updates and reach out to collaborate!

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