Workshop on Linking Climate Change Impacts on Evapotranspiration (ET) and Agricultural Production to Water Resources Decision Making: Strengthening the ties between DWR and UC

When: Monday January 26th 8:30am-4:00pm
Where: Multi-purpose room, 1st floor, Secretary of State building, 1500 11th Street, Sacramento, CA
ID is required to enter the building

Parking: A paid-parking structure is across from the building on 11th street between "O" Street and "P" Street. Please note that only the top two floors of this parking structure is open to the public. Another public parking garage is located on 10th Street between "O" and "P" streets (entrance on 10th), though it usually fills up early in the day. Another garage is located at "10th" and "L" streets, with the entrance on "10th Street."

Food and Coffee: In the Sec. of State building, there is a coffee kiosk in the lobby and a cafeteria upstairs with nice atrium seating. There is also a La Bou coffee and sandwich shop and Vallejos Mexican restaurant right across the street.

Agenda

8:30-8:35 Welcome-Jamie Anderson, DWR, jamiea@water.ca.gov

8:35-8:40 Announcements, Kurt Schwabe, UC Riverside, kurt.schwabe@ucr.edu

8:40-8:55 Climate Change, ET, and Water Use: Information needs for Decision Making, Francis Chung, DWR, chung@water.ca.gov

8:55-9:10 Using Future Climate Projections to Support Water Resources Decision Making in California, Jamie Anderson, DWR, jamiea@water.ca.gov

9:10-9:30 Water Plan Update 2009 approach to quantifying future agricultural water use under scenarios of climate change, Rich Juricich, DWR, Juricich@WATER.CA.GOV

9:30-9:45 Climate Change Influences on Biological Components of ET, Roy Peterson, DWR, rpeterso@water.ca.gov

9:45-10:00 BREAK

10:00-10:20 Response of plants to elevated carbon dioxide, Arnold Bloom, UC Davis, ajbloom@ucdavis.edu

10:20-10:40 Using Satellite based measurements to estimate ET in the Delta using SEBAL (Surface Energy Balance Algorithm for Land), Bryan Thoreson, David's Engineering, bryant@de-water.com

10:40-11:00 Large Aperture Scintillometry for ET estimation, Jan Kleissl, UC San Diego, jkleissl@ucsd.edu

11:00-11:20 Simulating ET from ecosystems and the carbon balance for California landscapes, KT Paw U, UCD, ktpawu@ucdavis.edu

11:20- 11:40 Climate change and high-quality winegrowing in California: ecological impacts and potential farm-scale adaptation, Kim Nicholas Cahill, UC Davis, kncahill@stanford.edu

11:40-12:00 Overview of a case study on agricultural adaptation to climate change (based on a CEC Climate Change Scenarios Analysis Project), Louise Jackson, UC Davis, lejackson@ucdavis.edu

12:00-1:00 LUNCH

1:00-1:20 Modeling agricultural production effects of climate change, Josue Medellin, UC Davis, jmedellin@ucdavis.edu

1:20-1:40 Surface and groundwater management for irrigated agriculture under alternative water supply conditions/climate change scenarios, Kurt Schwabe, UC Riverside, kurt.schwabe@ucr.edu

1:40-2:00 Climate change impacts on subsurface hydrology, crop production and water use, and salinity in the San Joaquin Valley, Jan Hopmans, UC Davis, jwhopmans@ucdavis.edu

2:00-2:20 Linking crop production (CVPM) and groundwater models, Larry Dale, Lawrence Berkeley National Lab, LLDale@lbl.gov

2:20-2:35 BREAK

2:35-4:00 Discussion and possible break out sessions