

# Meteorology And Climate - Modeling for Air Quality (MAC -MAQ)



**SEPTEMBER 16~18 2015 EMBASSY SUITES RIVERFRONT PROMENADE - OLD TOWN SACRAMENTO**

The Air Quality Research Center at UC Davis is pleased to announce the second in a series of biennial conferences supported by the California Air Resources Board on advances in meteorology and climate modeling for air quality applications. This conference will interest those involved in a wide array of research areas that utilize meteorological and climatological data. The primary focus will be on the modeling and prediction of regional climate and meteorology as it relates to air quality - with a special emphasis on understanding what is “under the hood” in the models and how to improve them.



Sessions for our second conference will cover:

- \* Dynamical Modeling of Processes Across Scales
- \* Complex Terrain Effects
- \* Coastal Zone Meteorology Interactions with Air Quality
- \* Convective and Stable BL Parameterizations and Grey-Zone Turbulence Issues
- \* Land-Surface Processes and Urbanization
- \* Cutting Edge Approaches to Coupled & Integrated Modeling
- \* Aerosol Direct & Indirect Feedbacks and Aerosol Aware Microphysics
- \* Model Evaluation Using Meteorological and Chemical Observations from Field Campaigns
- \* Cloud and Radiation and Scale Dependent Microphysical Processes
- \* Data Assimilation & Inverse Modeling
- \* Wildfire and Prescribed Burn Processes and Effects
- \* Atmospheric Transport and Dispersion Modeling
- \* Ensemble Methods

**ABSTRACTS DUE JUNE 12th**

Explore our website for details on Abstracts, Registration and Location:

**<https://sites.google.com/site/metclimatemodeling4aq/>**

Photo Caption: San Bernardino Mountains, Steve Berardi

