



NASA Air Quality Applied Sciences Team

Earth Science Serving Air Quality Management Needs



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Contact: Tracey Holloway, AQAST Deputy Leader, 608-262-5356, Taholloway@wisc.edu

AQAST Co-Sponsors *Transboundary Ozone Conference* March 31 - April 2

Meeting at Yosemite's Tenaya Lodge showcases new research on background ozone

MADISON – NASA's Air Quality Applied Sciences Team (AQAST) partnered with the San Joaquin Air Pollution Control District (SJAPCD) to sponsor the first Transboundary Ozone Pollution Conference, which was opened March 31st at the Tenaya Lodge outside the south gate of Yosemite National Park.

The scientific conference provided a forum for researchers to share their latest findings in this rapidly evolving field with air quality managers and other atmospheric scientists. In particular, a growing body of research provides clear evidence that transboundary ozone – pollution that flows into the U.S. from foreign countries – has risen substantially over the past few decades. A growing number of studies has shown that foreign pollution is making non-trivial, and in some cases, near continuous contributions to ambient ozone levels throughout the western U.S.

AQAST Director Daniel Jacob delivered the keynote address on the evening of March 31st to close the first day of the conference. "The issue of background ozone requires some deep thinking about where and how you want to control pollution," Jacob said. "It's exciting to see that AQAST's science and research has implications for policy development."

The three-day conference also featured presentations from AQAST members Meiyun Lin (Princeton University), Brad Pierce (National Oceanic and atmospheric Administration), Gabriele Pfister (National Center for Atmospheric Research), and Gregory Carmichael (Iowa University). Seyed Sadrendin, executive director of the San Joaquin APCD, Jack Broadbent, associated director of the Bay Area Air Quality Management District, and Kerry Drake, associate director of air programs at the U.S. EPA's Region 9 Office, will lead a technology and policy options roundtable to close the conference on April 2.

The full agenda can be found [here](#).

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NASA Air Quality Applied Sciences Team, a nationwide collaborative research team, serves the needs of air quality managers in the United States by analyzing a variety of NASA satellite data, models and suborbital platforms on the ground. Created in 2011 by NASA's Applied Sciences Program, AQAST is made up of 19 of the top minds in all fields of air quality science and strives to inform air quality managers and provide high-quality resources for the press and public. Contact Dr. Tracey Holloway in her office at (617)-495-1794 or go to www.aqast.org or www.aqast-media.org.