

We are the Experts

The work we do has a broad impact on global environmental issues.

Our world-renowned team serves on key panels (such as IPCC, NAS, NSF, EPA and others) that help determine the course of scientific endeavors, policy, teaching, and funding.

They are frequently called upon to sit on boards of peer-reviewed scientific journals, periodicals, texts and other educational materials, and additional publications. They organize and are regularly invited to speak at major scientific conferences, workshops, and other key events worldwide.

Each of our faculty is recognized as expert, often in a variety of fields. And they are regularly honored with the highest awards in science and society, here in the U.S. and in countries around the world.

As a group we publish at least fifty scientific articles per year in prominent journals. The AirUCI team is driven and dedicated to understanding, sharing, and providing practical solutions for the problems our world is facing.



AirUCI Institute
1102 Natural Sciences 2
UC Irvine, CA 92626-2025

AirUCI Institute

...smart energy, sustainable environment



Dedicated to elucidating and solving the critical concerns of air pollution, climate change, green technology, sustainability, and their effects on human health and on our planet.



The AirUCI Institute is an Organized Research Unit (ORU) on the campus of the University of California, Irvine. Renowned as a multi-disciplinary research group, we are dedicated to understanding and solving the crucial concerns of our age, issues that include air pollution, climate change, green technology, societal adaptation strategies, sustainability, agriculture, land use policy, the effects of these on human health, and more — at local to global scales.



AirUCI has an extensive, established history of effective scientific collaboration. Professors from five UCI schools comprise our institute, and each has his or her own research group while working as part of AirUCI, including staff researchers, postdoctoral scholars, graduate students, and undergraduate students. Every year we invite a number of collaborators and visitors from prominent institutions worldwide, and AirUCI annually hosts a Fulbright Canada Fellow for several months.

School of Physical Sciences

Donald R. Blake	Annamarie G. Carlton
Claudia Czimczik	Steven J. Davis
Michael B. Dennin	Barbara J. Finlayson-Pitts
Filipp U. Furche	R. Benny Gerber
Alex B. Guenther	John C. Hemminger
Saewung Kim	Craig Murray
Sergey Nizkorodov	Michael J. Prather
Eric S. Saltzman	Manabu Shiraiwa
James N. Smith	Douglas C. Tobias

School of Medicine

Rufus Edwards	Michael T. Kleinman
Jun Wu	

Henry Samueli School of Engineering

Jacob Brouwer	Donald Dabdub
G. Scott Samuelsen	

School of Social Sciences

Kim Fortun	Michael Fortun
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School of Biological Sciences

Celia Faiola

You Can Become a Supporter

Our vision is to advance AirUCI as a world-class environmental research institute addressing key environmental, health, and societal problems.

To achieve these objectives, we are seeking support in our efforts to grow our institute so we can provide innovative, integrated, and transformative approaches to understanding these critical issues, from the sources to solutions.



AirUCI has a proven track record and we've already contributed enormously to research in these fields. Our reputation as a leader in environmental research enhances the scientific prestige of the UC Irvine community, Orange County, our state, and our entire nation.

You can assist with a contribution that supports graduate student researchers, state-of-the-art instrumentation in an advanced facility, or other support that will directly work to solve the health and environmental crises we face.

For additional details, please e-mail us at infoairuci@uci.edu.

Contact Us

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