

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, environmental justice, and their effects on human health and on our planet.



The AirUCI Institute has been an Organized Research Unit (ORU) on the campus of the University of California, Irvine since 2014. Renowned as a multi-disciplinary research group, we are dedicated to understanding and solving the crucial concerns of our planet, such as both indoor and outdoor air pollution, land use policy, climate change, woodlands management, sustainability, eco-friendly energy sources, urban greening, agriculture, environmental justice, adaptation strategies, 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 and many departments comprise our institute, and each maintains an individual research group while working as part of the AirUCI team, including staff researchers, postdoctoral scholars, graduate students, and undergraduate students. Every year we invite a number of collaborators, speakers, and visitors from prominent institutions worldwide. AirUCI hosted five Fulbright Canada Fellows from 2016 to 2023, each visiting for several months.

Schools of Physical & Biological Sciences

Jane W. Baldwin	Donald R. Blake
Annmarie G. Carlton	Claudia Czimczik
Michael B. Dennin	Celia Faiola—Eco/Evo/Bio
Sara Finkeldei	Barbara Finlayson-Pitts
Lyssa Freese	Filipp U. Furche
R. Benny Gerber	Alex B. Guenther
John C. Hemminger	Saewung Kim
Craig Murray	Sergey Nizkorodov
Michael J. Prather	James Randerson
Eric S. Saltzman	Manabu Shiraiwa
James N. Smith	Douglas C. Tobias

School of Public Health

Rufus Edwards	Michael T. Kleinman
Ulrike Luderer	Andrea De Vizcaya-Ruiz
Jun Wu	

Henry Samueli School of Engineering

Jacob Brouwer	G. Scott Samuelsen
Vojislav Stamenkovic	

School of Social Sciences

Kim Fortun	Michael Fortun
------------	----------------

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.

Please visit our ZotFunder page and assist with a contribution that supports our outreach, furthers our research, funds state-of-the-art instruments in an advanced facility, and other support that will directly work to solve the environmental and health crises we face. You can assist our work at <https://zotfunder.give.uci.edu/airuci>.

Contact Us

AirUCI Institute
 1102 Natural Sciences 2
 UC Irvine, CA 92697-2025
 Phone: 949.824.2628
 E-mail: infoairuci@uci.edu
 Web: airuci.uci.edu