

Water UCI



» The **Water UCI** initiative breaks the boundaries of traditional academic study, fostering collaboration in the teaching, study and research of water science, technology, engineering, management and policy. Teams of faculty from multiple departments tackle *Grand Challenges* — significant national or global problems that can be solved by harnessing breakthrough science, technology and innovation.

» **The Center for Hydrometeorology and Remote Sensing** is dedicated to water resources management and protection, including remote sensing of rainfall from space to predict floods.



» **The Urban Water Research Center** studies water resources and issues that are distinct to cities and urban areas including water supply, demand and distribution and water quality.

“Forging links between theory and practice, research and public service, the experts at UC Irvine help nations predict and tackle monsoons, droughts and everything in between.”



- » **Understanding Water Demands**
- » **Improving Water Productivity**
- » **Predicting floods**

DISCOVERY TRACKS

1 » **The FloodRISE project** helps communities along the California coast and Tijuana River Estuary understand and cope with climate change

2 » Creative approaches to **Sustaining water resources with UCI Water**

3 » **Water recycling and desalination**



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Number of people who lack reliable access to safe drinking water



Number of major death causing diseases that are linked to water contamination



Percentage of bottled water that is repackaged tap water



University of California, Irvine

UC Irvine maintains an online directory of faculty available as experts at today.uci.edu/resources/experts