Taproots communities for water research

NSF funds centers and regions into the water quality academy

By Marla风

Michael Templeman (left) and Scott Abella (right) work with graduate students on a water-related study at the University of California, Santa Barbara. Photo courtesy of Michael Templeman. 

The National Science Foundation (NSF) has awarded approximately $23 million in grants to select research teams as part of the Water Research Communities (WRCs). The university-based research teams will tackle some of the most pressing issues in water research, including climate change, water scarcity, and the effects of pollution on water quality.

The WRCs are part of the Water Grand Challenges program, which aims to foster collaborative research and innovation to address water-related challenges. The WRCs will bring together researchers from different disciplines to work on interdisciplinary projects that address the needs of local communities and address the global scale.

The WRCs will work closely with local communities and stakeholders to ensure that their research is relevant and impactful. They will also work to advance water research by fostering new collaborations and sharing knowledge and resources.

The WRCs are:

- Southern California Water Research Center
  - University of California, Los Angeles
  - University of California, Irvine
  - University of California, Santa Barbara
  - University of Southern California

- Great Lakes Water Research Community
  - University of Michigan
  - University of Wisconsin-Madison
  - Western Michigan University

- Upper Midwest Water Research Center
  - University of Minnesota
  - University of Wisconsin-Milwaukee

- Midwest Water Research Center
  - Iowa State University
  - University of Iowa

- New England Water Research Hub
  - University of Massachusetts Amherst
  - University of New Hampshire

- Southwest Water Research Campus
  - Arizona State University
  - University of Arizona

- Pacific Northwest Water Science Center
  - University of Washington
  - Washington State University

- Southern Water Science Center
  - University of Georgia
  - University of South Carolina

- Gulf Coast Water Science Center
  - Auburn University
  - University of South Florida

- Southeastern Water Science Center
  - University of Florida
  - University of Georgia

- Northeast Water Science Center
  - Duke University
  - University of Maryland

- New York Water Research Hub
  - Cornell University
  - University of Rochester

- Great Plains Water Research Hub
  - Colorado State University
  - University of Nebraska-Lincoln

- Pacific Northwest Water Research Hub
  - Oregon State University
  - University of Oregon

- Rocky Mountain Water Research Hub
  - University of Colorado
  - University of Montana

- West Coast Water Science Center
  - University of California, Berkeley
  - University of California, Davis

The WRCs will receive funding over the next five years to support their research efforts.

The NSF has been a leader in water research funding, and the WRCs are a significant step in advancing water research and addressing the challenges facing the world's water systems.

For more information on the WRCs, visit the NSF website.