



Water@UW-Madison

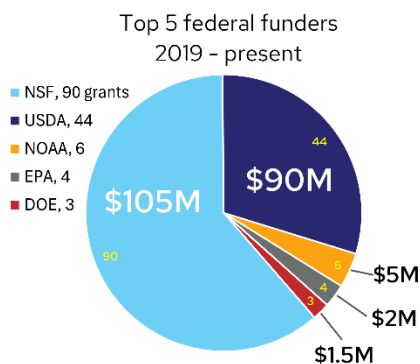
Cross-disciplinary water research for innovative & sustainable solutions.

Water@UW-Madison supports a cross-disciplinary network of water researchers pursuing **community-driven & policy-relevant** research that serves the needs of the state, its people, and the environment.

Modern water challenges require un-siloed experts with knowledge integrated across disciplines. Water@UW-Madison works to connect creative interdisciplinary teams working on solutions for water health, sustainability, access, quantity and quality.

A productive research network

In the last 5 years, our affiliates have written over 2,000 peer-reviewed articles and secured over 206M in federal funding.



WISCONSIN IS WHERE YOU WORK ON WATER

UW-Madison has some of the most talented individual departments in the world, but work that combines knowledge from multiple disciplines leads to more holistic and innovative solutions. Representing affiliates in over 50 administrative units, Water@UW-Madison works to leverage the talent, creativity and drive across our entire campus.

Programming to strengthen our network

Water@UW-Madison convenes twice annually at a fall research poster session and spring symposium. We hold think tanks and workshops to enhance collaboration & build partnerships. We lead a cross-site research training program, an art-science collaborative project called *Flow* and provide critical early funding for community-based research.



Wisconsin Sea Grant Fisheries Outreach Specialist Dr. Titus Seilheimer samples fish in Peshtigo and Oconto Marsh with Dr. Amy Carrozzino-Lyon and summer scholars. Photo credit Wisconsin Sea Grant.

BY THE NUMBERS



170

Faculty & staff affiliates from 50 campus administrative units



\$206 M

Federal grants in the last 5 years



2K ARTICLES

Peer-reviewed, last 5 years



39 PATENTS

Last 10 years



Freshwater@UW researchers showing off their plankton samples on Lake Mendota. Ellen Chadwick (L) and Eva Riveros (R). Photo credit Wisconsin Sea Grant.

Workforce development & research training

Water@UW-Madison leads a groundbreaking cross-site research experience for undergraduates called **Freshwater@UW**. Students across the nation come to Wisconsin for immersive mentored research experiences where they gain the knowledge, experience and skills to launch their career. Since 2022, 75 students have pursued research at 8 different UW institutions, learning about local issues and gaining valuable insight into Wisconsin water issues, uniquely preparing them for advanced work in water science.

Community-based research & the Wisconsin Idea

Water@UW-Madison supports research with and for our communities that makes a sustained positive impact on the world through a **Community-Based Water Research grant program** that provides funding for relationship-building in pursuit of research co-generation, and smarter community engagement. Early-project funding for this kind of work is rarely supported by traditional grant funding channels.

Water@UW-Madison also leads an art-science collaborative program called **Flow**, which pairs undergraduate artists with water professionals to create work inspired by water. At gallery showings statewide, the pieces spur transformative conversations about water research in our state.



Lisa Grueneberg from Friends of Lake Wingra and UW-Madison graduate student Lizzie Emch distribute yard signs at the Monroe St Farmer's Market. The team worked collectively with over 55 community members toward chloride reduction.

BY THE NUMBERS

CONTINUED



75 STUDENTS

Trained since 2022.
86% believed "water researcher" was an important part of their identity after the program.



1 MILLION

Acres of lake (that's 17% of the state)



84K MILES

Of rivers and streams



1.2 QUADRILLION

Gallons of groundwater