



NATIONAL OCEANIC & ATMOSPHERIC ADMINISTRATION RESEARCH

UW-MADISON: RANKED #8 NATIONALLY WITH \$1.3 BILLION IN ANNUAL RESEARCH EXPENDITURES

The National Oceanic and Atmospheric Administration (NOAA) provides the research foundation for understanding our planet, technological innovation, and scientific advances that improve our lives. NOAA supported research enables better forecasts, earlier warnings for natural disasters, and a greater understanding of the Earth. Their programs combine cutting-edge research and world-class operational facilities to ensure the U.S. is a resilient, weather-ready, and sustainable nation. At UW-Madison, NOAA funding supports science related to oceans and the atmosphere that enhances the nation's economy, security, and environment.

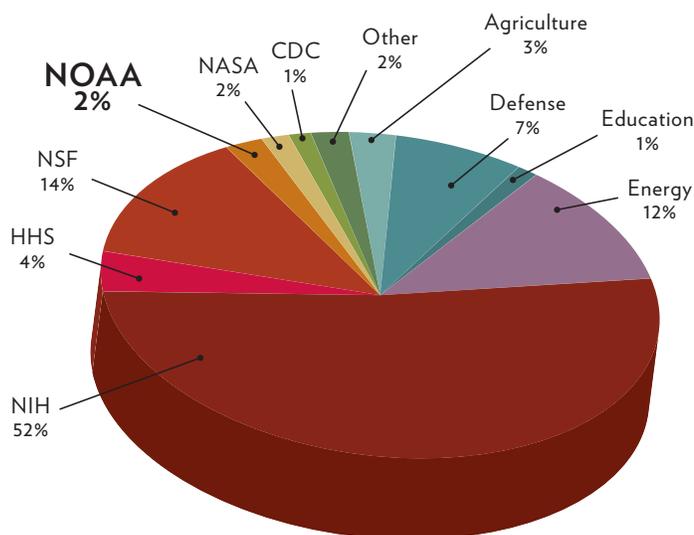
EXAMPLES OF NOAA RESEARCH AT UW-MADISON

Wisconsin Sea Grant

Per- and polyfluoroalkyl substances (PFAS) are a group of over 5,000 synthetic chemical compounds that can contaminate water and soil, and are associated with negative health impacts. Through multiple studies of a PFAS-contaminated site near Lake Michigan, the Wisconsin Sea Grant has been working to learn more about PFAS substances in Wisconsin's public water. Sea Grant researchers have also teamed with the Wisconsin Department of Health Services to develop recommended groundwater standards to protect people in Wisconsin from PFAS contamination. [More online.](#)

Lake Superior National Estuarine Research Reserve

As a NOAA Sentinel Site, the Lake Superior Reserve is designed to detect the impacts of climate change on coastal wetlands. Researchers focus on land and water protection, restoration, invasive species, and regional climate impacts. Major projects at the reserve currently include developing real-time monitoring to detect algae blooms, recommending plants that adapt quickly to fluctuating water levels, and restoration of Emerald Ash Borer infested coastal wetlands. [More online.](#)



\$17.1 million

NOAA federal research awards at UW-Madison in 2020-21

WHY UNIVERSITY RESEARCH MATTERS

By supporting NOAA, you support the data and insights about our environment that keep Americans safe, prepared, and prosperous.

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