For immediate release

Press contact: Rachel Thomas-Medwid
rthomas@ametsoc.org

AMS 2025 Meeting Promotes Atmospheric Science for a "Thriving Planet"

The 105th Annual Meeting of the American Meteorological Society takes place in New Orleans, 12–16 January, 2025.

[Boston, MA—23 December, 2024] Thousands of professionals and students will gather to share the latest science and address key issues in weather, water, and climate at the **105th Annual Meeting** of the American Meteorological Society (AMS) in January. The world's largest annual meeting focused on atmospheric and related sciences, AMS 2025 will be held 12–16 January, 2025 in New Orleans, Louisiana, at the New Orleans Ernest N. Morial Convention Center. The AMS is the professional society for everyone in the atmospheric and hydrologic sciences and services, including meteorologists, research scientists, emergency managers, academics, weather broadcasters, and more.

"New Orleans and the surrounding bayou region is unique, both in cultural vibrancy and in challenges due to natural hazards and environmental change. The 105th Annual Meeting gives us the chance to interact with local researchers and communities, and share expertise and place-based solutions. We hope that through scientific exchanges both at and outside the Convention Center, enhanced collaborations that move weather, water, and climate sciences and services forward can be built," says AMS President Anjuli Bamzai. "Our meeting theme this year is 'Towards a Thriving Planet: Charting the Course Across Scales.' The meteorological community has a crucial role to play in shaping human welfare."

Presidential Conference

The Presidential Conference at AMS2025 highlights interdisciplinary presentations on urgent topics in weather, water, and climate related to the conference theme. The keynote event of the conference is the **Presidential Forum**, which will focus on "Physical, Social, Cultural, and Economic Impacts: The Gulf Coast as a Microcosm of Global Change." This panel session will feature experts from the region of the Mississippi River Delta: **Dr. Virginia Burkett**, Chief Scientist for Climate and Land Use Change at the United States Geological Survey and lead author of several IPCC and National Climate Assessment reports; **Dr. Antonio J. Busalacchi**, president of the University Corporation for Atmospheric Research (UCAR) and science policy expert; **Dr. J. Marshall Shepherd**, former AMS President, leading international expert in weather and climate, and Distinguished Professor at the University of Georgia; and **Dr. Beverly Wright**, Founder and Executive Director of the Deep South Center for Environmental Justice and member of the White House Environmental Justice Advisory Council. **Dr. Rebecca E. Morss**, a

senior scientist at the U.S. National Science Foundation National Center for Atmospheric Research (NSF NCAR), will moderate a discussion on ways the Gulf Coast can respond to the intensifying impacts of climate and environmental change–from sea-level rise and hurricanes to increasing heat waves. AMS President Bamzai will provide an introductory address. **The Forum will take place Sunday, 12 January at 4 p.m. U.S. Central time, and will be publicly streamed online**.

The 2024 Annual Meeting will also feature twelve **interdisciplinary Presidential Sessions** focused on this year's theme, including topics such as: increasing community resilience, place-based convergence science and Indigenous knowledge, a 20-year retrospective on Hurricane Katrina, AI for weather prediction, the impacts of Hurricanes Milton and Helene, fire weather, and environmental justice. **You can view all the AMS 2025 Presidential Sessions here.**

Weather, Water, and Climate Science

Two special **named symposia** at the Annual Meeting will highlight key Earth science topics and honor influential figures.

The **Heather Lazrus Symposium**, "Convergence Science: Indigenous Weather, Water and Climate Knowledge, Systems, Practices and Communities," will bring together Indigenous and non-Indigenous researchers, local Tribal leaders, and more to strengthen partnerships and weave together different knowledge traditions for the benefit of Indigenous communities and atmospheric science. It honors esteemed environmental anthropologist Dr. Heather Lazrus (1979-2023) and takes place Monday, 13 January.

The **Gerald A. Meehl Symposium** honors Dr. Gerald (Jerry) Meehl's outstanding service to the climate research community during his 40-year career, including his pioneering use of coupled climate models to tackle complex climate challenges. It will take place Tuesday, 14 January and feature discussions on climate variability and change, and how to refine our climate predictions for the future.

Other major **named sessions** discuss issues in mountain hydrology, climate change, and tropical cyclone flood hazards.

More than 40 **scientific conferences and symposia** will take place during the 105th Annual Meeting, presenting the latest weather, water, and climate research. Conference topics include **Climate-Linked Economics**, **Major Weather Impacts**, **Weather Analysis and Forecasting**, **Climate Variability and Change**, **Aviation and Aerospace Meteorology**, **AI for Environmental Science**, **Space Weather**, **Environmental Health**,the **New Energy Economy**, **Cloud Physics**, and **Tropical Cyclones**, along with many technical topics in atmospheric and hydrologic research and operations.

Other Events

"**Town Halls**" at the Annual Meeting offer a chance for the whole weather, water, and climate community to discuss important issues together. 2025 Town Hall topics include climate science and environmental justice on the Gulf Coast, entrepreneurship for solving weather and climate challenges, early warnings for natural hazards, urban resilience in extreme weather, and the current state of the Weather Enterprise. **View all Town Halls here.**

Monday, 13 January will also serve as a **day of special programming on Environmental Health on the Gulf Coast**, as part of the 16th Conference on Environmental Health. Programming will include local leaders and researchers discussing their takeaways on working with communities, building heat resilience, and improving climate justice.

On Wednesday, 15 January at 6 p.m. ET, the annual **awards ceremony** will honor impactful contributions to weather, climate, and related fields.

For students, early career researchers, and professionals at all levels, the meeting will feature **career and networking opportunities** including short courses for professional development, a Career Resource and Graduate School Fair, and networking and community-building events for underrepresented groups, students, and early-career professionals.

The 24th Annual **AMS Student Conference** takes place at the Morial Convention Center immediately prior to the 105th Annual Meeting, 11-12 January. It features poster sessions, professional development, and networking opportunities for AMS student members.

The 105th AMS Annual Meeting–like most AMS conferences–is fully hybrid. Attendees can participate virtually, in person, or both, with all scientific sessions accessible through the online program and mobile app. You can view highlights of the meeting here, browse conferences and symposia, or view all sessions by day. **Registration is free for credentialed members of the press.** Learn about press registration, guidelines, and media resources here.

About the AMS 105th Annual Meeting

The American Meteorological Society's Annual Meeting is the world's largest annual gathering in the weather, water, and climate spheres, bringing together thousands of scientists, other professionals, and students from across the United States and the world. Taking place 12-16 January, 2025, the AMS 105th Annual Meeting will highlight the latest scientific and professional advances in areas from extreme weather to environmental health, from cloud physics to space weather and more. In addition, cross-cutting interdisciplinary sessions will explore the theme, "Towards a Thriving Planet: Charting the Course Across Scales." The meeting takes place in New Orleans, Louisiana, at the Ernest N. Morial Convention Center, with online/hybrid participation options. Free registration is available for certified members of the press. Learn more at **annual.ametsoc.org**.

About the American Meteorological Society

The American Meteorological Society advances the atmospheric and related sciences, technologies, applications, and services for the benefit of society. Founded in 1919, AMS has a membership of around 12,000 professionals, students, and weather enthusiasts. AMS publishes 12 atmospheric and related oceanic and hydrologic science journals—in print and online; sponsors more than 12 conferences annually; and offers numerous programs and services. Visit us at **https://www.ametsoc.org/**.

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