

STAC-Level Awards 2025

1. STAC Distinguished Scientific/Technological Accomplishments Award
Dr. Eric C. Bruning on behalf of the Committee on Atmospheric Electricity
Citation: "For significant contributions to the development, applications, and deployment of lightning visualization techniques for the operational and research communities.
2. STAC Outstanding Early Career Award
Michelle DiBenedetto on behalf of the Committee on Air-Sea Interaction
Citation: For outstanding contribution on the interplay among waves, turbulence and microplastics at the ocean-atmosphere interface.
3. STAC Outstanding Early Career Award
Adeyemi Adebisi on behalf of the Committee on Atmospheric Chemistry
Citation: For significant contributions to understanding coarse mode dust, above-cloud smoke, and their impacts on our climate system.
4. STAC Outstanding Service Award
Mr. Matthew J. Fronzak on behalf of the Committee on Aviation, Range and Aerospace Meteorology
Citation: For exceptional leadership and contributions to the AMS STAC Aviation, Range and Aerospace Meteorology committee.
5. STAC Outstanding Early Career Award
Dr. Castle Williamsberg on behalf of the Board on Societal Impacts
Citation: For dedication to the community and developments in application of social science to operational settings.
6. STAC Outstanding Early Career Award
Associate Professor E. Scott Kravenhoff on behalf of the Board on Urban Environment
Citation: For outstanding contributions to advancing urban climate science research, particularly urban vegetation and heat exposure.
7. STAC Outstanding Early Career Award
Tirtha Banerjee on behalf of the Committee on Boundary-Layers and Turbulence
Citation: For outstanding research that advances and applies fundamental knowledge of atmospheric turbulence in the lower atmosphere.
8. STAC Outstanding Early Career Award
Maria Almut Amata Rugenstein on behalf of the Committee on Climate Variability and Change
Citation: For contributions to understanding of climate sensitivity and community leadership through LongRunMIP, Green's Function MIP, and the US CLIVAR Pattern Effect workshop.
9. STAC Distinguished Scientific/Technological Accomplishments Award
Yolanda L. Shea on behalf of the Committee on Atmospheric Radiation

Citation: For exceptional contributions to the measurement of shortwave spectral radiation and leadership of CLARREO Pathfinder.

10. STAC Outstanding Service Award

Jing Tao on behalf of the Committee on Hydrology

Citation: For outstanding and sustained effort in leading major service activities on the Committee on Hydrology.

11. STAC Outstanding Early Career Award

Aaron Johnson on behalf of the Committee on Mesoscale Processes

Citation: For outstanding contributions to advancing data assimilation and ensemble methods for improved prediction of mesoscale processes.

12. STAC Distinguished Scientific/Technological Accomplishments Award

Dr. Thomas M. Hamill on behalf of the Committee on Probability and Statistics

Citation: For exceptional leadership in developing statistical forecasting methods and advancing meteorological research and operational weather prediction.

13. STAC Distinguished Scientific/Technological Accomplishments Award

Alexander Ryzhkov on behalf of the Committee on Radar Meteorology

Citation: For recurrent, impactful contributions to the AMS radar and weather communities that transformed and shaped fundamental research and operations.

14. STAC Distinguished Scientific/Technological Accomplishments Award

Richard L. Thompson on behalf of the Committee on Severe Local Storms

Citation: For exceptional applied research that advanced operational severe thunderstorm and tornado forecasting

15. STAC Distinguished Scientific/Technological Accomplishments Award

Dr. Joannes Westerink on behalf of the Committee on the Coastal Environment

Citation: For pioneering community-driven global to channel unstructured mesh coastal ocean models with worldwide coastal flooding and resilience applications.

16. STAC Outstanding Service Award

Mrutyunjay Mohapatra on behalf of the Committee on Tropical Meteorology and Tropical Cyclones

Citation: For enhancing tropical cyclone prediction and warning systems in the Indian Ocean region through exceptional leadership and service.

17. STAC Distinguished Scientific/Technological Accomplishments Award

Prof. Dr. Masatomo Fujiwara on behalf of the Committee on Middle Atmosphere

Citation: For exceptional leadership of the SPARC Reanalysis Intercomparison Project and unremitting dedication to developing and evaluating middle atmosphere measurements.

18. STAC Distinguished Scientific/Technological Accomplishments Award

Dr. R. Paul Lawson on behalf of the Committee on Planned and Inadvertent Weather Modification

Citation: For the development and application of cloud particle sensors to study and advance cloud seeding and cloud physics research

19. STAC Outstanding Service Award

James Yoe on behalf of the Committee on Satellite Meteorology, Oceanography and Climatology

Citation: For outstanding management, coordination, and organization of conferences, networking and DEI Engagement in the Satellite Meteorology, Oceanography and Climatology Committee.

20. STAC Outstanding Early Career Award

Ayesha Wilkinson on behalf of the Committee on Weather Analysis and Forecasting

Citation: For outstanding dedication to outreach, engagement, and diversity advocacy in the field of weather analysis and forecasting.