

STAC-Level Awards for 2021

1. STAC Outstanding Service Award
Dr. John Balbus on behalf of the AMS Board on Environment and Health
For leadership and service to the Board on Environment and Health
2. STAC Outstanding Early Career Award
David John Gagne II on behalf of the AMS Committee on Artificial Intelligence Applications to Environmental Science
For advancing modern machine learning and high-performance computing methods in the atmospheric and environmental sciences through research and tireless advocacy
3. STAC Distinguished Scientific/Technological Accomplishment Award
Dr. Mingfang Ting on behalf of the AMS Committee on Climate Variability and Change
In recognition of important contributions to our understanding of climate dynamics, often drawing upon ingenious generalizations of the stationary Rossby wave concept, as well as excellence in collaboration and mentoring and significant service to the climate science community
4. STAC Outstanding Service Award
Andre J. van der Westhuisen, Ph.D. on behalf of the AMS Committee on Coastal Environment
For outstanding service to and leadership of the Committee on the Coastal Environment resulting in increased attention on coastal issues
5. STAC Distinguished Scientific/Technological Accomplishment Award
Dr. Jadwiga (Yaga) H. Richter on behalf of the AMS Committee on Middle Atmosphere
For extensive contributions to fundamental understanding of middle atmosphere waves and dynamics and their improved simulation in climate models
6. STAC Distinguished Scientific/Technological Accomplishment Award
Dr. Tammy Weckwerth on behalf of the AMS Committee on Radar Meteorology
For technical excellence across radar, boundary layer, and mesoscale meteorology, leading critical field programs, exceptional service to the community, and for going above and beyond in the mentoring of early career scientists
7. STAC Outstanding Early Career Award
Dr. David Peterson on behalf of the AMS Committee on Satellite Meteorology, Oceanography, and Climatology
Dr. Peterson has achieved important scientific advances in fire remote sensing, fire behavior, fire weather interaction, air quality, and pyroconvection

8. STAC Outstanding Early Career Award

Dr. Zachary Lebo on behalf of the AMS Committee on Mesoscale Processes

For significant contributions to our understanding of and ability to model cloud microphysical processes and the effects of aerosols on clouds, deep convection, and precipitation processes

9. STAC Outstanding Early Career Award

Dr. Allison A. Wing on behalf of the AMS Committee on Tropical Meteorology and Tropical Cyclones

For outstanding research and community leadership in advancing our understanding of tropical convection and tropical cyclones

The STAC Awards on behalf of the AMS Committee on Agricultural and Forest Meteorology and the AMS Committee on Mountain Meteorology will be announced in June 2021.