

Jianhao Zhang

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Education:

In progress – Ph.D. in Meteorology and Physical Oceanography at the Rosenstiel School of Marine and Atmospheric Science of University of Miami, degree expected in 2019

2014 – B.S. in Meteorology at Florida State University (Magna cum laude), minor in Mathematics

2014 – Joint B.S. in Atmospheric Science at Nanjing University of Information Science and Technology (NUIST), China

Honors:

University of Miami Fellowship (2014-current)

American Meteorology Society student member (since 2014)

American Geophysical Union student member (since 2014)

Chi Epsilon Pi Honor Society (since 2014)

Golden Key Honor Society (since 2013)

President's list at FSU, Fall 2012 and Fall 2013

Dean's list at FSU, Spring 2013 and Spring 2014

Second Place Scholarship at NUIST, 2011-2012

First Place Scholarship at NUIST, 2010-2011

Research Experience:

2014-current: Graduate research assistant

2013-2014: On-camera weather casting

2013-2014: Research assistant at Dr. Guosheng Liu's lab, Dept of EOAS, FSU

Conferences and workshops:

2017 AGU Fall Meeting: *“Boundary layer adjustments to the presence of absorbing aerosols inferred from LASIC field campaign”* (poster), New Orleans, Louisiana, USA

2017 Gordon Research Conference and Gordon Research Seminar: *“Boundary layer adjustments to the presence of absorbing aerosols inferred from LASIC field campaign”* (poster), Lewiston, Maine, USA

2017 DOE ASR Joint User Facility and PI meeting, Washington D.C., USA

2017 AMS Annual Meeting: *“Tropical humidity vertical structure inferred from a Microwave Radiometer during DYNAMO”* (poster), Seattle, Washington, USA

2016 EGU General Assembly: *“Retrievals on Tropical small-scale humidity variability from a Multi-Channel Microwave Radiometer”* (poster), Vienna, Austria

2016 NCAR Radiation Workshop, Boulder, Colorado, USA

2015 DOE ARM Summer Workshop, Norman, Oklahoma

2013 AGU Fall Meeting: *“On the Sensitivity of Passive Microwave Observation to Overland Snowfall Detection”* (poster), San Francisco, California, USA

Field Campaigns:

August 2017: NASA ORACLES Field Campaign, São Tomé, São Tomé and Príncipe

September 2016: NASA ORACLES Field Campaign, Walvis Bay, Namibia

Publications:

- Jianhao Zhang, P. Zuidema, D. D. Turner, and M. P. Cadeddu, *“Tropical humidity vertical structure inferred from a microwave radiometer over the equatorial Indian Ocean,”* submitted to Journal of Applied Meteorology and Climate (JAMC).
- Arunchandra S. Chandra, P. Zuidema, S. Krueger, A. Kochanski, S. P. de Szoeke, and J. Zhang, *“Moisture distributions in tropical cold pools from equatorial Indian Ocean observations and cloud-resolving simulations,”* submitted to Journal of Advances in Modeling Earth Systems (JAMES).