



Atmos Briefings

Publications

Mallinson, H., and S. Lasher-Trapp (2019) An Investigation of Hydrometeor Latent Cooling Upon Convective Cold Pool Formation, Sustainment, and Properties. *Mon. Wea. Rev.*, 147, 3205-3222. <https://doi.org/10.1175/MWR-D-18-0382.1>

Presentations

D. Chehak and R. J. Trapp, "Quasi-linear convective system tornado statistics and tornado genesis mechanisms", National Weather Association Annual Meeting, Huntsville, Alabama, September 2019.

G. Marion, R. J. Trapp, and S. W. Nesbitt, "Using satellite observations of overshooting top area to discriminate potential for large, intense tornadoes ", National Weather Association Annual Meeting, Huntsville, Alabama, September 2019.

Michael Sessa, Jeff Trapp, Julie Einbinder, "Observed relationship between tornado intensity and pre-tornadic mesocyclone characteristics", 2019 National Weather Association Annual Meeting, Huntsville, AL, 9/10/2019

Miller, C. J. and J. W. Frame, "Radar observations of misovortices within multiple long-lake axis-parallel lake-effect bands", 18th Conference on Mesoscale Processes, Savannah, GA, Amer. Meteor. Soc. 2019

R. J. Trapp, G. Marion, M. Sessa, and D. Chehak, "Robust observational support of the hypothesized connection between rotating-updraft width and tornado intensity", VORTEX Southeast Symposium, Huntsville, Alabama, September 2019.

Troy Zaremba, R. M. Rauber, J. A. Finlon, G. M. McFarquhar, S. Lasher-Trapp, D. M. Stechman "Phase Characterization of Southern Ocean Clouds using HIAPER Cloud Radar (HCR) and High Spectral Resolution Lidar (HSRL) Observations", results from SOCRATES 39th International Conference on Radar Meteorology Nara, Japan 9/17/19

Department of Atmospheric Sciences @ UIUC

Department of Atmospheric Sciences

3070 Natural History Building

1301 W Green St. MC-104

Urbana, IL 61801

217-333-2046

atmos-sci@mx.uillinois.edu



Activities and Awards

Graduate student Michael Sessa was awarded 2nd Place in the Student Poster competition during the 2019 National Weather Association Annual Meeting.

Prof. Larry Di Girolamo shares in the 2019 William T. Pecora group award for achievement in Earth remote sensing on October 7th.

Prof. Larry Di Girolamo was awarded the 2019 Sheth Distinguished Faculty Award for International Achievement.

Prof. Robert Rauber was awarded the 2019 Executive Officer Distinguished Leadership Award.

The recent Journal of Climate article: "Future changes in hail occurrence in the United States determined through convection-permitting dynamical downscaling", published by Jeff Trapp, Kim Hoogewind, and Sonia Lasher-Trapp, was highlighted as a Paper of Note in the September 2019 issue of the Bulletin of the AMS.

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For Inquiries about the newsletter contact
Joe Jeffries - jeffris2@illinois.edu



ATMOSPHERIC SCIENCES
School of Earth, Society, and Environment

Announcements



Upcoming Events

- Seminar Schedule
 - 10/15 Susan Avery
 - 10/22 Alex Adams
 - 10/29 Gene Robinson
 - 11/5 Pierre Gentine
 - 11/12 Lina Rivelli
 - 11/19 Carolina Bieri

RELAMPAGO Campaign

The RELAMPAGO Data Analysis workshop will be held Nov 19-Nov 22, 2019 at the Ciudad Universitaria of the University of Buenos Aires.

Distinguished Alumni Celebration

Please join us at 3:30 pm, on Tuesday, October 15, to help celebrate our Department's Distinguished Alumna, Dr. Susan Avery.

Call for Briefing Submissions

Continue to submit your publications, presentations, activities, and awards for the month, beware of format changes
<https://forms.illinois.edu/sec/3373590>

Atmospheric Sciences Alumni and Friends Event

Saturday, October 19, 9-10:30 am.

Stop by our table outside NHB before the Homecoming game, and say hello to our alumni and friends. We are also looking for student volunteers to give tours of NHB.