



Hurricanes and Climate

By Dr. Allison Wing, Ph.D, Assistant Professor, Earth, Ocean, and Atmospheric Science, Florida State University

This talk will review the basic physics of hurricanes, their representation in climate models, and how they are projected to change in a future, warmer climate. Hurricanes are expected to be stronger in a warmer climate and have more rainfall associated with them, based on theory and model simulations, but we have less understanding of how the number of storms will change. Regardless of future changes in hurricanes, sea level rise is expected to make hurricane impacts associated with storm surge and coastal flooding worse.



Thursday, March 14, 2019

7 - 8 pm FSUCML Auditorium

Free & Open to the Public

Refreshments Available Before Lecture

Speaker Bio: Dr. Wing is an Assistant Professor in the Department of Earth, Ocean and Atmospheric Science (EOAS) at Florida State University (FSU). Prior to arriving at FSU in January 2017, Dr. Wing was a National Science Foundation (NSF) Postdoctoral Research Fellow at Columbia University's Lamont-Doherty Earth Observatory, in the Division of Ocean and Climate Physics. She currently maintains an appointment there as an Adjunct Associate Research Scientist. Dr. Wing received a Ph.D. in Atmospheric Science from MIT in 2014 under the advisement of Professor Kerry Emanuel in the Program in Atmospheres, Oceans, and Climate, and a B.S. in Atmospheric Science from Cornell University in 2008. Dr. Wing studies atmospheric science with a focus on tropical convection, tropical cyclones, and climate.



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