Fisseha Berhane, Ph.D. Candidate
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More than six years of data intensive research experience using R, Python, Matlab and GIS. Strong academic training and extensive experience with data mining and machine learning methods. Developed a rainfall prediction app that uses various prediction models for any geographic location with Shiny, HTML, JavaScript, and CSS. Data Science enthusiast. In addition to the data science courses I have done in grad school, I have taken more than 15 edx, coursera and Udacity data science courses with R, Spark, Python and Matlab. Have done various data science related projects. Please visit my website for details on the projects I have worked on, data science related courses I have taken in grad school, online data science certifications and more.

## Education

*Johns Hopkins University*, Baltimore, MD --- Ph.D. in Atmospheric Physics Aug. 2015 (expected)
*Johns Hopkins University*, Baltimore, MD ----M.A. in Atmospheric Physics May 2013
*University of Connecticut*, Storrs, CT ----------M.S. in Hydro-climatology May 2011
*Mekelle University*, Ethiopia ----------B.Sc. in Civil Engineering June 2006

## Research Positions

*Graduate Research Assistant*, Department of Earth and Planetary Science, Johns Hopkins University, Baltimore, Maryland. August 2011 – 2015
*Graduate Research Assistant*, Department of Natural Resources and the Environment, University of Connecticut, Storrs, CT 2009 – May 2011

## Teaching Experience

*Teaching assistant (TA),* Department of Earth and Planetary Science, The Johns Hopkins University, Baltimore, Maryland. Spring 2013
*Assistant Lecturer*, Department of Civil Engineering, Mekelle University, Ethiopia 2006-2009

## Publications

Three peer-reviewed publications in the Journal of Climate (JCL), which is among the most prestigious Journals in Atmospheric Science, one in preparation and a master's thesis.

## Presentations

More than 12 presentations, including in prestigious international conferences such as the American Geophysical Union (AGU) and the American Meteorological Society (AMS).