

Geography 416 – Applied Climatology

The Impacts of Climate & Weather on Environmental and Social Systems

Fall 2015

M 3:35PM - 6:35PM

Dr. Erika Wise

ekwise@email.unc.edu

Climate and...

Water

Energy

Ecosystems

Agriculture

Extreme Events

Urban Environments

Human health



In this projects-based course, we will apply climate data and techniques to understand how climate impacts environmental and social systems. The purpose of applied climatology is to solve practical problems in areas such as agriculture, water resources, air quality, energy, and human health, and to enable these sectors to adjust to climate variability and change.



GEOG 416 is a designated *Research Intensive Course* and meets one of the criteria of the Carolina Research Scholars Program (CRSP). Research-intensive courses are defined as undergraduate courses in which over half of course time is devoted to students conducting original research and presenting research conclusions.

