Now recruiting PhD students for two opportunities: Energy Equity, Long-term disaster recovery

Two opportunities below:

Research Area: Geospatial Approaches to Residential Energy Equity

Priority deadline: ASAP
Start date: Fall 2017
Co-advisors: Dr. Bethany Cutts (https://cnr.ncsu.edu/directory/bethany-cutts/) Dr. Jelena Vukomanic (https://cnr.ncsu.edu/geospatial/people/jelena-vukomanovic/)

We are recruiting a PhD Student who can contribute to a recently funded grant to encourage data-driven local energy planning. The PhD student will contribute to the applied goal of developing a framework that integrates data on participation in energy efficiency programs, demographics, housing and energy use to alleviate energy poverty. The successful candidate will have earned a MS degree in geography, economics, ecology, or other relevant field by August 2017 and have experience that indicates the potential to draw together diverse quantitative data sets to answer questions about current and future energy use in the Upper Coastal Plain of North Carolina. The ideal candidate will demonstrate a strong interest in and capacity for making theoretical advances at the intersection of social justice, energy policy, and ecology. As part of the transdisciplinary Center for Geospatial Analytics, the student will make meaningful contributions to enhancing sustainability through research.

About the project:

The Upper Coastal Plain Council of Governments in North Carolina and its partners, North Carolina State University, North Carolina Sustainable Energy Association, Vermont Law School, Terracel Energy, North Carolina Justice Center, and the University of South Carolina, plan to develop a framework for integrating data on energy efficiency program participation, demographics, housing and energy use. Of specific interest are low-income residents and use of energy efficiency programs to alleviate energy poverty. The data analytics will help improve energy efficiency program designs tailored toward meeting both energy-related objectives, as well as social objectives.

To learn more, please go to https://faculty.cnr.ncsu.edu/bethanycutts/ and send a resume and brief letter of interest outlining your qualifications to BOTH Dr. Bethany Cutts (bbcutts@ncsu.edu) and Dr. Jelena Vukomanovic (jvukoma@ncsu.edu). Please use ‘PhD – Energy Equity’ in the subject line.

Research Area: Urban Environmental Equity and Long-term Disaster Recovery

Priority deadline: ASAP
Start date: Fall 2017
Advisor: Dr. Bethany Cutts (https://cnr.ncsu.edu/directory/bethany-cutts/)

I am recruiting a PhD student who is interested in developing a dissertation focused on understanding how communities engage in long-term disaster recovery. The successful student will work with geographers, landscape ecologists, environmental social scientists, and hydrologists to integrate large-scale data sets with qualitative data to answer questions about the role of environmental justice in sustainability that occur during long-term recovery from flooding and other disasters. The successful candidate will have current GRE test results, and a MS in geography, sociology, community development, public health, Native American studies, parks, recreation and tourism management or a related field. An emerging record of publication and promise as an interdisciplinary scholar are highly desired. Applicants with an interest in building technological and participatory mapping expertise that aligns with the Center for Geospatial Analytics are especially welcome.
To learn more, please go to https://faculty.cnr.ncsu.edu/bethanycutts/ and send a resume and brief letter of interest outlining your qualifications to Dr. Bethany Cutts (bbcutts@ncsu.edu). Please use ‘PhD – Equity and Disaster Recovery’ in the subject line.

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Bethany B. Cutts
Assistant Professor
Department of Parks, Recreation, and Tourism Management
Faculty Fellow, Center for Geospatial Analytics
North Carolina State University
@EnviroSocSci