PhD Assistantship in Climatology

The Geography Program at West Virginia University (WVU) is seeking motivated Ph.D. student with research interests in Climatology. Our rapidly growing graduate program is composed of 19 core geography faculty with expertise in the interdisciplinary subfields of Human Geography, Environmental Geography and GIScience.<http://www.geography.wvu.edu/people>

Applicants interested in the Graduate Assistantship described below should contact Dr. Eungul Lee <eungul.lee@mail.wvu.edu> prior to applying. Applicants must submit a CV and research statement, addressing specific interests and qualifications for the potential research topics outlined below, along with transcripts (GPA > 3.5/4.0), GRE scores (> 50% for all three subjects), and TOEFL (> 213) or IELTS (> 6.5) scores, if needed, and the names of at least three academic references. Full consideration of applications received by Feb 28, 2018.

The Ph.D. student will work in the WVU Climatology Lab <http://pages.geo.wvu.edu/~elee/>. Our primary research area has focused on the three research themes of monsoon climates, land and atmosphere interactions, and climatic impacts on agriculture, forests, and human health. Potential research topics include a) Identifying land use and land cover changes (LULCC) using the remotely-sensed datasets and b) Examining the effects of LULCC on the monsoon climates.

Candidates with undergraduate and master degrees in climatology, geography, atmospheric/oceanic science, environmental science, hydrological science, statistics or related fields are strongly encouraged to apply. Experiences in analyzing climate datasets using programmable tools (e.g. GrADS, NCL, R, Matlab) are required. Backgrounds and experiences in remote sensing and climate modeling would be preferred.

Funding Packages: Funded Ph.D. student will be guaranteed 3 years of funding contingent upon progress within the program and are eligible for continued funding in years 4 and 5, based upon performance.

Program and University Information: WVU recently attained R1 Carnegie Ranking and Geography is a respected Program of Excellence at the university. We are located in Morgantown, a vibrant town repeatedly ranked as one of the best small cities in the country <http://www.morgantownwv.gov/about/awards/> and located just 75 miles south of Pittsburgh. The Geography Program is housed in a state of the art research facility and students have access to some of the best outdoor recreation opportunities in the East <https://diyoutdoors.wvu.edu/>.

West Virginia University is an Equal Employment Opportunity/Affirmative Action Employer dedicated to building a culturally diverse and pluralistic faculty, staff and students committed to working in a multicultural environment. The university welcomes applications from all qualified individuals, including minorities, females, individuals with disabilities, and veterans.