Postdoctoral Researcher Position in Modeling Impacts of Catastrophic Wind Disturbances
University of Georgia

The Warnell School of Forestry and Natural Resources at the University of Georgia, Athens, invites applications from highly motivated and enthusiastic potential postdoctoral researchers starting in Fall 2020. This collaborative work will be conducted with Dr. Kamal J.K. Gandhi and Dr. Cristian Montes (both at Warnell School), and Dr. JT Vogt (USDA Forest Service, Southern Research Station). The postdoctoral project will focus on the effects of stand- and landscape-level characteristics along with prior management practices on the impacts of Hurricane Michael. Several teams and personnel will be involved in the project along with the USDA Forest Service FIA, USDA Forest Service EFETAC, USDA Forest Service GTAC, private forest companies, Southern Pine Health Research Cooperative, and Plantation Management Research Cooperative. Extensive fieldwork in the southeastern region and computing will be required. The ideal candidate will possess a strong quantitative background in statistical modeling, remote sensing, ecology and knowledge of programming languages like Python or R. An independent spirit to develop, conduct, and publish research is highly desired. A Ph.D. in ecology or forestry is a prerequisite for this position. A competitive salary and benefits package will be provided for two years.

The Forest Entomology Laboratory ([https://kjgandhi.wixsite.com/gandhi-lab](https://kjgandhi.wixsite.com/gandhi-lab)) at the University of Georgia is a dynamic group that works on a broad range of disturbance ecology issues across the country. The Plantation Management Research cooperative is a collaboration between the Forest Industry and the University of Georgia, aiming at developing tools to better manage planted forests in the Southeast U.S. The USDA Forest Service, Southern Research Station’s Insects, Diseases, and Invasive Plants Research Work Unit ([https://www.srs.fs.usda.gov/idip/](https://www.srs.fs.usda.gov/idip/)) is housed within the Center for Forest Disturbance and Health where research aims to provide the basic biological and ecological knowledge and innovative management strategies required to help us predict, detect, assess and mitigate environmental threats, both physical and biological, that jeopardize the health and resilience of public and private forests. Interested personnel should submit a statement of interest, current CV along with contact information for three references to Dr. Gandhi ([kjgandhi@uga.edu](mailto:kjgandhi@uga.edu); 706-247-4025).

The Warnell School of Forestry and Natural Resources ([http://www.warnell.uga.edu/](http://www.warnell.uga.edu/)) is the oldest forestry school in the South, has >70 faculty working in diverse fields, and provides exemplary training of students in the fields of forestry, ecology, and conservation biology. The School is housed in a four-building complex on campus, and has >23,000 acres in the state for research, teaching, and service activities. The University of Georgia ([http://www.uga.edu/](http://www.uga.edu/)) is a “land-grant and sea-grant university, and is also the state's oldest, most comprehensive and most diversified institution of higher education”. Its motto is: "to teach, to serve and to inquire into the nature of things”. The University of Georgia is an affirmative action and equal opportunity employer.