Three new tenure-track faculty positions at NC State University: Impacts of Rapid Global Change on Earth Systems and Environmental Processes

The Department of Marine, Earth, and Atmospheric Sciences (MEAS) at North Carolina State University (NC State) seeks to fill three new tenure-track faculty positions at the assistant professor level that are focused on *impacts of rapid global change on Earth systems and environmental processes*. We seek candidates who will build on ongoing initiatives in MEAS to strengthen links among our instructional and research programs in marine science, geology, and meteorology/atmospheric science.

Competitive candidates for these positions will be those who:

- Address coupled processes among the solid surface, oceans and coasts, hydrosphere, atmosphere, biosphere, and cryosphere across scales of space and time
- Offer a compelling vision for the future of the geosciences that will enhance our programs through research, instruction, and outreach
- Can leverage the location of NC State within North Carolina and the southeastern US to develop basic and/or applied research relevant to communities that are historically underserved and most vulnerable to environmental change
- Demonstrate interest in and commitment to increasing the participation and inclusion in the geosciences of people from historically marginalized groups
- Draw upon a wide range of innovative research modes and methods to explore challenges and opportunities to build local to global collaborations

Successful applicants will be expected to develop a cutting edge, rigorous, and internationally recognized research program, supervise graduate students, and teach in our undergraduate and graduate programs in marine, Earth, and atmospheric sciences. This may also include developing collaborations that draw upon NC State's nationally recognized extension programs. We encourage applications from candidates using novel and inventive approaches to geoscience research, such as big data science; artificial intelligence and machine learning; laboratory, field-based, and/or remotely sensed observations, including the use of autonomous vehicles; and computational modeling. The College of Sciences and MEAS place a high value on excellent instruction and the use of research-validated teaching methods.

Inclusiveness and diversity are critical to the success of the College of Sciences and the University. The selected candidates will be expected to foster an environment that is supportive and welcoming of all groups.

For more information and/or to apply for one of these positions please go to
https://jobs.ncsu.edu/postings/151026