

# Tenure-Track Assistant Professor in Coastal Ecosystem Modeling

University of Delaware: College of Earth, Ocean & Environment: School of Marine Science & Policy

## Location

Newark, DE

## Open Date

Oct 24, 2018

## Description

### **Tenure-Track Assistant Professor in Coastal Ecosystem Modeling**

#### **School of Marine Science and Policy, University of Delaware**

The School of Marine Science and Policy (SMSP) at the University of Delaware (UD) is seeking an ecosystem modeler with research interests in estuarine and coastal marine environments for a tenure-track assistant professor position to start by Fall 2019. A Ph.D. in marine science, ecology, oceanography, or a related field is required.

We seek a dynamic individual who will establish an internationally recognized, extramurally funded, applied research program on the natural systems in the coastal zone with a quantitative modeling approach. The ideal candidate has experience in, or a concrete pathway towards, collaborating on policy, social, or economic questions. Research areas include: human and natural ecosystem coupling; modeling the effects of climate change on coastal ecosystems; and coupling physical oceanography models with biological and/or chemical models in the coastal zone. It is expected that the new hire will utilize and integrate a variety of observational datasets and will crossover into synergistic big data and data science University-wide initiatives. Demonstrated excellence in teaching or a clear plan for contributing to the teaching mission of the school is required.

Questions regarding this position (but not applications) may be addressed to the committee chair Cristina Archer (carcher@udel.edu). Review of applications will begin on December 1, 2018, and will continue until the position is filled.

SMSP is part of the College of Earth, Ocean, and Environment and has a long tradition of interdisciplinary research bridging the social and natural sciences aimed at the conservation of

estuarine, coastal, and ocean environments. SMSP offers graduate programs in Marine Biosciences, Marine Policy, Oceanography, and Physical Ocean Science & Engineering and an undergraduate major in Marine Science. SMSP is situated on the main campus in Newark and on the coastal campus in Lewes, which together offer ready access to a variety of coastal and estuarine environments and the Mid-Atlantic Bight. More information about SMSP can be found at <http://www.ceoe.udel.edu/schools-departments/school-of-marine-science-and-policy>

UD is a Land-Grant, Sea-Grant, and Space-Grant institution. Other UD resources include: Delaware Geological Survey, Delaware Biotechnology Institute, the Delaware Environmental Institute (DENIN), Biden Institute.

To be considered for this position, applicants should submit: 1) a letter of application addressing their qualifications for the position, 2) a curriculum vitae, 3) statements of research and teaching interests, 4) a diversity statement, and 5) contact information for three references at <http://apply.interfolio.com>

### **Equal Employment Opportunity**

The University of Delaware is an Equal Opportunity Employer with diversity as one of its core values. In that spirit, we seek a broad spectrum of candidates, including women, minorities and people with disabilities. The University is the recipient of a National Science Foundation ADVANCE Institutional Transformation Grant focused on enhancing the climate of the University for women STEM faculty. For more information go to <http://sites.udel.edu/advance/>. *The University's Notice of Non-Discrimination can be found at <http://www.udel.edu/aboutus/legalnotices.html>*