Research Fellow
Fisheries Ecosystem Modeling: Chesapeake Bay

Description: A researcher position is available at the Morgan State University Patuxent Environmental and Aquatic Research Laboratory (PEARL). The successful candidate will apply Ecopath with Ecosim software to develop multiple new ecosystem models of restored oyster reef and eelgrass habitats in two Virginia Chesapeake Bay tributaries. The Research Fellow will work in close collaboration with PEARL researcher Dr. Tom Ihde, who will supervise the overall project. The researcher will mentor and train two graduate students and an undergraduate intern on a daily basis. The researcher will be expected to present research findings at regional professional conferences and to publish the results of their research in peer-reviewed scientific journals. As time and interest permits, there will be opportunities for the Research Fellow to contribute to other PEARL projects, including work in the Atlantis modeling environment.

This is a two-year term position funded through a National Oceanic and Atmospheric Administration (NOAA) research grant. Annual salary is $55,000/year (plus health benefits). The planned start date is flexible as necessary. Remote work for this position is possible given the right fit of candidate skills. The ideal candidate will have interest in working with Dr. Ihde and other PEARL researchers to secure additional funds that can support continued employment and research.

For consideration for this position, an application must be received through the Morgan employment website, accessible through the following link: https://morgan.peopleadmin.com/postings/3762 . The application will require a cover letter, curriculum vitae, graduate and undergraduate transcripts, and a writing sample from previous or current research. Review of applicants begins immediately. Applications will be accepted until the position is filled. Questions may be addressed to Tom Ihde (Thomas.Ihde@morgan.edu).

Required Qualifications:

- Demonstrated experience developing ecosystem models using Ecopath with Ecosim, Ecospace, Atlantis, or similar approaches

Preferred Qualifications:

- A PhD in marine science, fisheries science, population dynamics, ecology, environmental science, or a closely related field is preferred; however, experience (i.e., a strong record of publication, multiple previously-completed and published ecosystem models) may be substituted for the PhD
- Experience leading research projects that have resulted in scientific publications in the peer-reviewed literature
- Experience disseminating research findings at professional conferences and to non-specialist audiences
- Familiarity with Chesapeake Bay (or other) estuarine system dynamics, ecology, and fisheries

About Morgan: Morgan State University, founded in 1867, is a Carnegie-classified high research (R2) institution offering nearly 120 academic programs leading to degrees from the baccalaureate to the doctorate. As Maryland's Preeminent Public Urban Research University, and the only university to have its main campus designated as a National Treasure by the National Trust for Historic Preservation, Morgan serves a multiethnic and multiracial student body and seeks to ensure that the doors of higher education are opened as wide as possible to as many as possible. Diverse candidates are strongly encouraged to apply.