Postdoctoral Research Associate – Food Web Modeling

The Department of Marine & Coastal Sciences at Rutgers University invites applications for a postdoctoral research associate to fill a position in modeling of estuarine food web dynamics. The candidate will be based in Dr. Olaf Jensen’s lab on the New Brunswick campus and will join a large, multi-institutional team within the Coastal Waters Consortium, funded by the Gulf of Mexico Research Initiative. The research focuses on understanding potential differences in food web organization and energy flow between oiled and unoiled sites and among sub-habitats in a Louisiana salt marsh in the aftermath of the 2010 Deepwater Horizon oil spill. The candidate will be responsible for developing quantitative food web models that incorporate information from field surveys and diverse sources of diet information, including analysis of stomach contents, stable isotopes, and fatty acids. Additional duties include helping undergraduate students conduct independent research projects, and presenting and publishing research results. Funding is available for up to three years.

Requirements: Ph.D. in ecology, fishery science, or another relevant field is required. Preference will be given to applicants (1) with demonstrated expertise in predator-prey, food web, or ecosystem modeling, (2) who can code efficiently in R or Matlab, and (3) who have a strong publication record. The candidate should have excellent oral and written English language communications skills. The position will remain open until filled with a preferred start date of June 1, 2015.

For questions or to apply, please submit cover letter, CV, and contact information for three references to: Olaf Jensen (olaf.p.jensen@gmail.com)

Please feel free to repost and forward to potential candidates.