

Position/Title: Postdoctoral Research Associate (Fish Production Modeling/Production Allocation to Double Crested Cormorants)

Agency/State: Quantitative Fisheries Center (QFC)/Michigan State University

Responsibilities: We seek a Post-Doctoral Research Associate with a strong background in statistics/modeling to participate in a project to 1) predict available fish production (community and species-specific) in lakes and reservoirs across the U.S., 2) model how double crested cormorant (DCCO) prey demand may affect yield in these systems, and 3) use these models in structured decision making techniques to develop a framework for deciding how to allocate fish production between fishery management needs and for the needs of DCCO. The hired associate will also work to integrate the production and demand models from goals 1 & 2 into the larger decision-making framework developed for goal 3. The hired associate will work closely with a technical working group comprised of a mixture of highly-engaged federal, state, and university biologists in picking appropriate modeling approaches for predicting fish production and in developing the framework for how to allocate production to competing interests (DCCO, anglers, etc). The intent of the project is to provide federal and state agencies with a scientifically based means by which to frame resource allocation decision making, particularly with respect to DCCO and the need to control DCCO populations, across a wide variety of water bodies.

Salary: \$48,500/year + benefits (initial 1-yr appointment with up to 2-yr appointment contingent on satisfactory performance)

Qualification: PhD in fisheries or wildlife science, or related discipline with a strong record of research productivity. Experience with predictions from landscape-level attributes, fish production modeling, and structured decision making is desirable, as well as experience or desire to work with stakeholders and agency personnel.

Ad Closing Date: Until filled. Review of applications will begin 8/15/2020.

Contact: All applicants must apply via <http://careers.msu.edu> search posting #662340. Please submit your CV, letter of interest, and transcripts (unofficial). Questions about the posting can be directed to Dr. Travis Brenden (brenden@msu.edu) or Dr. Kelly Robinson (kfrobins@msu.edu).