

4. Thomas Connor



Research expertise and background

Dr. Thomas Connor is a quantitative ecologist with a focus on applied conservation topics. In that work he has developed and is developing novel methods and applications of species distribution modelling, population modelling, landscape genetics, machine learning, and other fields to better understand processes behind biodiversity patterns and ultimately inform conservation action. To facilitate this latter goal, he has experience developing decision support tools through R shiny to allow users to explore scientific analyses and results through interactive software and visualizations. Prior to Trinity I received my PhD from Michigan State University, spent a few years as a postdoctoral scholar at the University of California, Berkeley, and worked as a quantitative ecologist at the California Department of Fish and Wildlife.

Current research interests / themes

- Species distribution modelling
- Hierarchical Bayesian modelling
- Population monitoring and modelling
- Applied conservation biological research
- Decision support tool development

Potential areas for fellowship projects

Fellowship projects that focus on modelling and predicting marine species distributions through the application of appropriate methods or potential development of novel methodology, the development and application of diverse climate and environmental projections for the Northeast Atlantic in marine species research and conservation, and population modelling/stock assessment research and forecasts of marine species, among other topics, are all potential areas that would be good fits for fellowship project development under Dr. Connor's supervision.

Research profile / webpage

Trinity profile: [CONNORTH - Zoology | Trinity College Dublin](#)

Another relevant research webpage (if applicable): [Thomas Connor - Google Scholar](#)