

Postdoctoral research position announcement: Soundscape ecology and passive acoustician.

The Stellwagen Bank National Marine Sanctuary (SBNMS) in cooperation with the Northeast Fisheries Science Center (NEFSC) seeks a postdoctoral research associate to further develop analytical approaches for measuring marine soundscapes and to expand existing research on ocean noise. For some background on the history of our research and directions please visit http://stellwagen.noaa.gov/science/passive_acoustics_current.html and <http://www.nefsc.noaa.gov/psb/acoustics/psbAcousticsOceanNoise.html>.

The projects goal is threefold. First, the candidate will analyze existing long term passive acoustic data series and explore information on fish presence and distribution. Second, the candidate will work collaboratively with our colleagues at the US National Park Service to further develop approaches for extracting ambient noise parameters and modeling habitat variables with the aim of improving our understanding of the acoustic ecology and health of the SBNMS. Lastly, the candidate will design and oversee further data collection efforts in the field that will further our ability to address the goals above.

Candidates with quantitative, interdisciplinary knowledge of acoustics from a subset of fields including terrestrial, marine, or fisheries ecology are encouraged to apply. Experience analyzing animal sounds and ambient noise metrics is critical, while experience with spatio-temporal analyses of large ecological data sets is highly desirable. We would prefer someone with experience working on invertebrates and/or fish passive acoustics and ecology since this will be a considerable focus of the research effort, but encourage those who have the core skills to apply regardless of species.

This is a three-year position (subject to renewal after the first year depending on performance) based at both SBNMS, in Scituate, Massachusetts and NOAA NEFSC in Woods Hole, Massachusetts, USA. The candidate will be expected to spend time at both institutions. Applicants must submit a CV, publication list, names and contact information for at least three references in order to solicit letters of recommendation and a one-to-two page statement of research interests by **March 01, 2015** for full consideration, though evaluation will be ongoing. This position is subject to NOAA's background check policy. Applicants do NOT need to be US citizens. The candidate who will be hired will be employed through a contracting company affiliated with NOAA.

Salary will be in the range of US\$45,000 to 55,000 depending on previous experience. Start date is negotiable but availability prior to beginning of summer 2015 field season is preferred. Timing will be dependent on the successful applicant's availability, visas if required and the timing of funds arriving at the SBNMS.

Submission of applications and for more information contact Leila Hatch (Leila.hatch@noaa.gov) and Sofie Van Parijs (sofie.vanparijs@noaa.gov).
