



Sir Alister Hardy Foundation for Ocean Science
Plymouth, United Kingdom



Post-Doctorate position

The Sir Alister Hardy Foundation for Ocean Science (SAHFOS) is seeking a highly motivated candidate having a PhD (or equivalent experience) in numerical ecology, marine biology or ecology, to work on the FP7 European funded project "Vectors of changes in marine life, impact on economic sectors".

Candidates with experience in analysis of plankton and/or fishery data will be preferred. We request knowledge of R language (or similar) and of standard numerical analyses. The position also requires a very good level of English reading and writing.

The candidate will use new statistical approaches to investigate the changes which have occurred in North Sea fish/plankton distribution and productivity over the last few decades. In particular, the position will explore the interactions across different pelagic and benthic trophic levels simultaneously over space and time. This will allow an evaluation of the processes regulating the transfer of energy and its efficiency in the North Sea marine system.

The candidate will work within a small dynamic group that runs the longest and most geographically extensive marine biological survey in the world, which has produced innovative research and publications in marine ecology. Since 1931 SAHFOS has utilized the data collected by the Continuous Plankton Recorder (CPR) to interpret marine biological changes and attempt to distinguish between anthropogenic, climatically forced and natural plankton variability. The candidate will work at SAHFOS in Plymouth, under the supervision of Dr. Priscilla Licandro and in collaboration with Dr. Marcos Llope of the Instituto Español de Oceanografía (IEO) in Cadiz (Spain), who will provide expertise and supervision in the use of new statistical methods based on Generalized Additive Models (GAM).

The candidate will benefit from an established international network of researchers, with the possibility of building up fruitful collaborations with other participants in this European project.

Request for more information should be directed to: Dr. P. Licandro prli@sahfos.ac.uk or Tel 44 (0) 1752 633133.

The position is limited to 19 months, salary of c £ 24,000 per year, depending on skills and experience. Starting date is March-April 2011.

SAHFOS has a flexible working arrangement in place, 30 days annual leave allowance plus statutory Bank Holidays.

To apply send via e-mail, fax and/or mail a full CV, a covering letter and details of two referees **by 28 February 2011** to: Linda Horsfield, SAHFOS, The Laboratory, Citadel Hill, The Hoe, Plymouth PL1 2PB, United Kingdom.

Tel 44 (0) 1752 633288; Fax 44 (0) 1752 600015; e-mail: sahfos@sahfos.ac.uk