

## **JOB SUMMARY:**

Woods Hole Oceanographic Institution is currently searching for a Postdoctoral Investigator to join the Department of Geology and Geophysics. This is a temporary, full-time, exempt position, and is eligible for benefits.

## **ESSENTIAL FUNCTIONS:**

Applications are invited for one Postdoctoral Investigator position in the use of inverse methods (inverse modeling) to analyze radiochemical and particle data recently obtained as part of the EXPORTS and GEOTRACES programs. The successful candidate will contribute to our understanding of particle aggregation and disaggregation in the ocean, which are among the most important yet poorest understood phenomena in the ocean biogeochemical cycles and in the formation of sedimentary material. The position will be based at the Woods Hole Oceanographic Institution (WHOI). The successful applicant will have the opportunity to collaborate with scientists from different institutions (WHOI and University of California at Santa Cruz) and with different backgrounds and research experiences, as well as with the broader EXPORTS and GEOTRACES communities.

The position is full time and available for a period of one and a half years initially, but renewable for up to three years depending on performance and funding availability. Online application forms should be submitted with a cover letter and full curriculum vitae including a list of three references. Additionally, please email a copy of your letter of interest and CV to Dr. Olivier Marchal ([omarchal@whoi.edu](mailto:omarchal@whoi.edu)).

## **NON-ESSENTIAL FUNCTIONS:**

As deemed necessary by supervisor.

## **DESIRED EDUCATION & EXPERIENCE:**

Applicants must have a PhD in oceanography, multivariate statistics, numerical analysis, physics, or applied mathematics. Preference will be given to an applicant who has strong quantitative skills with research experience in numerical modeling of aquatic systems and (or) in the use of inverse methods and related methods of statistical inference. A strong background in chemical oceanography is desirable. Application review begins immediately and will continue until the position is filled. Informal inquiries may be made by emailing Dr. Olivier Marchal ([omarchal@whoi.edu](mailto:omarchal@whoi.edu)).

## **PHYSICAL REQUIREMENTS:**

Physical duties for this position include but are not limited to the ability to work around others. This position is mostly sedentary by nature.

*WHOI is a member of the Higher Education Recruitment Consortium (HERC). We are sensitive to the issues of dual career candidates and we will work with applicants to address them. Please visit [HERC](#) - for more information.*

*WHOI is an Affirmative Action/Equal Opportunity Employer/Disabled/Veterans/M/F. We encourage Veterans and those with Disabilities to apply. Applications are reviewed*

*confidentially. Applicants that require accommodation in the job application process are encouraged to contact us at (508) 289-2253 or email [eeo@whoi.edu](mailto:eeo@whoi.edu) for assistance.*