

POSEIDON – imProve Offshore infraStructurE resilience against geohazardDs tOWards a chaNging climate

The European Training Network POSEIDON funded by the European Commission in the frame of the Marie-Sklodowska-Curie program offers an

Early Stage Researcher position

in the area of submarine geomorphology/marine geophysics in the frame of the project

Size and distribution of submarine landslides along passive continental margins (DC02)

The Early Stage Researcher will be located and employed full-time at Kiel University (Germany). The candidate will be enrolled in a doctoral programme and become a member of the graduate centre at Kiel University (Germany) and the FYORD network (Fostering Young Ocean Researcher Development).

Project Description

In recent decades, it has become widely accepted that submarine landslides are a widespread sedimentary process that plays an important role in the formation of continental margins. However, morphological, seismic and core data are sparse and many investigations of submarine landslides may be biased due to the availability of data. The main aim of the project is to compile all accessible hydroacoustic, seismic and core data of the NW-African margin and map the distribution of submarine landslides along the margin. The work will include the analysis of the preconditioning factors of landslides, the role of submarine channels for the distribution of landslides as well as comparisons with other margins. The work will allow to prove or falsify the hypothesis that current work related to submarine landslides is heavily biased by data availability.

We are searching for an enthusiastic and dynamic early career researcher who is interested in joining a multidisciplinary research team. Very good written and oral English language skills are required because the studies will be carried out in an international program. The applicant is expected to visit partners from the SLATE consortium in another European country for extended secondments of up to approx. 6 months and will have to participate in joint network-wide training activities, e.g. our joint annual workshops.

Specific requirements:

- Completed MSc or Diploma degree in Geophysics, Physics, Geology, Earth Sciences, Geoinformatics, or related fields
- Basic knowledge on geomorphology and/or the analysis of marine acoustic data sets
- Experience in marine acoustic methods

For further enquiries please contact: Prof Sebastian Krastel (sebastian.krastel@ifg.uni-kiel.de).

The selected candidate will be employed full-time as a doctoral candidate for a maximum of 36 months. The total salary package is calculated based on MSCA Doctoral Networks regulations and will amount to €3.942,20 per month (employer's gross salary). If the candidate has or acquires family obligations during the duration of the action, a family allowance of €660,00 per month (employer's gross salary) will be paid as well. There are no

restrictions on nationality. However, to be eligible for employment, the following eligibility rules must be observed :

- You must be a **doctoral candidate**, i.e. not already in possession of a doctoral degree at the date of the recruitment.
- You can be of any nationality but must comply with the following **mobility rule**: you must not have resided or carried out your main activity (work, studies, etc.) in the country of the recruiting beneficiary (i.e. Germany) for more than 12 months in the 36 months immediately before the recruitment date.

Please submit your application before February 28, 2024 via the following application link:

<https://utwentecareers.nl/en/vacancies/1606/13-phd-positions-on-the-eu-horizon-2020-marie-skiodowska-curie-project-poseidon/>

Submission must include:

- Cover Letter: A maximum of two A4 pages, highlighting your specific interest in the position, your qualifications, and motivations for applying. This letter should clearly articulate how your background and experiences align with the requirements of this project
- Detailed Curriculum Vitae (CV): The CV, should include, if applicable, a list of publications; Bachelor and Master transcripts;
- Contact Details of Referees: Provide the names and contact information of individuals who can professionally vouch for your qualifications and suitability for this position.

The EU commission aims at increasing the number of women in science and therefore explicitly encourages applications from female candidates. In the case of equal personal aptitudes and qualification, priority will be given to disabled persons. In addition to the scientific education, the research training group supports families.

For general inquiries on the application procedures and the consortium please contact: info@poseidon-dn.eu. Details about the position can be requested at sebastian.krastel@ifg.uni-kiel.de.