

13 Phd Positions on the EU Horizon 2020 Marie Skłodowska-Curie Project POSEIDON

Are you passionate about geotechnical engineering, geohazards solutions, offshore infrastructures, and submarine landslides?

We are offering 13 PhD positions in leading institutes across Europe, including the Netherlands, Germany, Norway, France, and the United Kingdom, as part of the MSCA Doctoral Network, POSEIDON.

This is your opportunity to be at the forefront of innovative research in these critical areas. Apply now and take the first step towards a career that makes a real difference!

General description:

The POSEIDON project, part of the prestigious EU Horizon 2020 Marie Skłodowska-Curie Actions, is excited to announce 13 vacancies for Ph.D. researchers. This innovative project, titled "POSEIDON - Improving Offshore Infrastructure Resilience Against Geohazards in a Changing Climate," is funded by Horizon Europe (HORIZON) through the Marie Skłodowska-Curie Actions Doctoral Networks (MSCA-DN).

POSEIDON brings together 16 beneficiaries and partners from seven European countries: The Netherlands, Germany, France, Norway, Denmark, Italy, and the UK. This collaborative effort encompasses a comprehensive spectrum of training in both scientific and transferable skills. Key participating universities include the University of Twente, Christian-Albrechts-Universität, Universität Bremen, Institut Français de Recherche Pour l'Exploitation de la Mer, Norwegian Geotechnical Institute, Libera Università di Bolzano, Université de Bretagne Occidentale, OsloMet – Storbyuniversitetet, Norwegian University of Science and Technology, University of Warwick, and University of Liverpool. Industry partners are Cathie Associates, Optum Computational Engineering, State of the Art Engineering B.V., and DNV.

The project's mission is to conduct fundamental, multidisciplinary, and multisectoral research across various functional and operational scales. A significant focus is on understanding the complexities and nuances in the current designs of Offshore Critical Infrastructures (OCIs), including wind turbines, submarine pipelines, and cables. POSEIDON aims to deliver 13 professionally trained next-generation Doctoral Candidates (DCs) who will pioneer new methods to identify, map, assess, predict, and mitigate offshore geohazards. This groundbreaking work is essential for enhancing the resilience of current offshore infrastructure in the face of climate change.

More details on the PhD positions and the objectives can be found on the [POSEIDON webpage](#).

Your profile:

We are seeking a highly motivated, enthusiastic, and curiosity-driven researcher to join our dynamic team. Ideal candidates should:

- Hold, or be close to completing, a Master's degree in Civil Engineering, Geophysics, Geology, Geotechnics, Earth Sciences, Applied Mathematics, or a related field.

- Possess programming skills, which would be a significant advantage.
- Be excellent team players, ready to engage in an enthusiastic and hardworking group of scientists and engineers on a joint project.
- Demonstrate a creative mindset, a passion for pushing boundaries, and high motivation.
- Show proficiency in both written and spoken English, with excellent communication skills, to fully benefit from the network training.
- Be capable of collaborating intensively with both industrial and academic partners through regular meetings and work visits, and enjoy working in an interdisciplinary and international environment.
- Adhere to MSCA project mobility rules: At the time of selection, candidates must not have resided or carried out their main activities (work, studies) in the host institution's country for more than 12 months in the 3 years immediately before recruitment.
- Be a doctoral candidate at the date of recruitment (i.e., not already in possession of a doctoral degree). Those who have successfully defended their doctoral thesis but have not yet formally been awarded the doctoral degree are not eligible.

For more detailed information on the specific requirements, please refer to the individual vacancy listings.

Our offer:

- The details of the offer are in line with the MSCA Work Program related to Eligibility, Benefits and Salary.
- A full-time position for four or three years, depending on the host institution.
- The candidate must be working exclusively for the action. Each student will benefit from a wide-ranging training between universities, research centers and industry that will take advantage of both local and network-wide activities.

Please Note: The specific details and employment terms for each position may vary depending on the host country. Additionally, the duration of each project can differ. We strongly recommend engaging in a discussion with the respective host institution to gain a comprehensive understanding of the conditions and terms specific to that position and location.

INFORMATION and APPLICATION

Are you interested in this position?

Please send your application before **February 28th 2024**, via the application link

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

and 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.

For more information, you are welcome to contact info@poseidon-dn.eu, or visit the project website [POSEIDON](#).