

Lead institution: University of São Paulo	
Supervisor name: Fernanda Aparecida Veronez	Department: Mining and Petroleum Engineering / Programa de Pós-Graduação em Engenharia Mineral - PPGEMin
Recipient: https://sites.usp.br/rcgi/opportunities/ Ref: 24SIR292 – Scientific Initiation Scholarship Deadline for submission: August 14th, 2024	Type: Scientific Initiation Scholarship Period: (hours/week) 12 Number of months: 12 Intended beginning date: August/September 2024
Project title: (Portuguese and English)	
Avaliação de impacto ambiental e social de energia eólica <i>offshore</i> (EnvSoOff) Assessment of the environmental and social impact of offshore wind energy (EnvSoOff)	
Research theme area: (Portuguese and English)	
Avaliação de Impacto, Impactos Cumulativos, Avaliação Ambiental Estratégica, Planejamento Espacial Marinho, Desenvolvimento Energético <i>offshore</i> Impact Assessment, Cumulative Impacts, Strategic Environmental Assessment, Marine Spatial Planning, Offshore Wind Energy	
Abstract (Portuguese and English)	
<p>O candidato irá colaborar com os pesquisadores do projeto EnvSoOff fomentado pela TotalEnergies junto ao <i>Research Centre for Greenhouse Gas Innovation</i> da POLI-USP na Universidade de São Paulo. Resumo do programa e os projetos podem ser encontrados no site do RCGI (https://sites.usp.br/rcgi/).</p> <p>Este projeto de pesquisa visa desenvolver uma estrutura analítica para avaliar e mitigar os impactos ambientais e sociais de parques eólicos <i>offshore</i> na costa brasileira, fundamentada na abordagem ecossistêmica e nas melhores práticas internacionais.</p> <p>Como foco desta pesquisa, deve ser desenvolvida uma revisão da literatura técnica e científica acerca da determinação da significância dos impactos ambientais de projetos eólicos <i>offshore</i>. A pesquisa inclui: (i) Revisão sistemática da literatura científica sobre significância de impactos ambientais; (ii) análise bibliométrica.</p> <p>The candidate will collaborate with researchers from the project EnvSoOff promoted by TotalEnergies at the <i>Research Centre for Greenhouse Gas Innovation</i> of POLI-USP at the University of São Paulo. Summary of the program and projects can be found at the RCGI website (https://sites.usp.br/rcgi/). This research project aims at developing a framework for the assessment and mitigation of environmental and social impacts of offshore wind farms in the Brazilian coast, grounded on the ecosystem approach and on international best practices.</p>	

The focus of this research is to review the technical and scientific literature regarding the cumulative impacts of offshore wind projects, along with other activities in the coastal and marine environment. The research includes: (i) a systematic review of the scientific literature on the significance of environmental impacts; (ii) bibliometric analysis.

Description (Portuguese and English)

O candidato contribuirá alinhado ao seguinte objetivo do projeto:

1. Componente 2: Estado da arte da avaliação de impacto ambiental e social da energia eólica offshore.

The applicant will contribute in line with the following objectives of the project:

1. Component 2: To survey the state-of-the-art of environmental and social impact assessment of offshore wind energy development.

Requirements to fill the position. (Ex: specific experience, minimum or maximum years after concluding the course) (Portuguese and English)

Este projeto é adequado para um(a) candidato(a) altamente motivado(a) e requer conhecimento em nível básico sobre Avaliação de Impacto Ambiental e Social. O(A) candidato(a) deve estar cursando formação de nível superior em Engenharia Ambiental, Gestão Ambiental, Ciências Biológicas, Oceanografia ou áreas correlatas. Conhecimento intermediário em inglês é necessário. Experiência em bases de dados de periódicos internacionais é um diferencial.

This project is suitable for a highly motivated candidate and requires initial-level knowledge in Environmental and Social Impact Assessment. The candidate must be studying Environmental Engineering, Environmental Management, Biology, Oceanography or related areas. Intermediate knowledge of English is required. Experience in international journal databases is a plus.

Funding Notes: Esta chamada oferece 1 (uma) bolsa para esse projeto. A bolsa de Iniciação Científica é financiada pela FUSP. A bolsa cobrirá uma bolsa de manutenção padrão de R\$ 800,10 por mês.

This call offers 1 (one) grant for this project. This scientific initiation scholarship is funded by FUSP. The scholarship will cover a standard maintenance stipend of R\$ 800,10 per month.

Work place: Escola Politécnica de São Paulo (Polytechnic School of the University of São Paulo), Departamento de Engenharia de Minas e de Petróleo (Department of Mining and Petroleum Engineering), Av. Prof. Mello Moraes, 2373 - São Paulo – SP, 05508-900



Research Centre for Greenhouse Gas Innovation

Documents/Information to be Sent:

Ref:24SIR292

- 1) Access the link <https://sites.usp.br/rcgi/opportunities/>
- 2) Find the Position **Ref: 24SIR292**
- 3) Click on Application to apply

Deadline: August 14th, 2024

In case you have any question, please write to rcgi.opportunities@usp.br