



# Jéssica Gonçalves

Geologist | PhD Student

I am a multidisciplinary geologist pursuing a Ph.D. in Geosciences at the intersection of geoconservation and geotechnologies.

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📍 Braga, Portugal

🖱 [Portfolio](#) | [LinkedIn](#)

## Education

### Ph.D. Student in Geosciences

University of Minho (Portugal) | 2024-Present

### Erasmus Mundus Joint Master Degree Pangea

Multiple degrees | 2021-2023

- Master in Earth and Planetary Sciences, Environment (mention très bien) University of Lille | 2022-2023

### M.Sc. Geology

Federal University of Rio de Janeiro (Brazil) | 2019-2021

### B.Sc. Geology

Federal University of Rio de Janeiro (Brazil) | 2013 - 2018

## Skills

- Geospatial Analysis
- GIS Software Proficiency (ArcGIS, QGIS)
- Remote Sensing (image classification and interpretation)
- Data management
- Cartography and visualization
- Environmental analysis
- Problem-solving
- Interdisciplinary Collaboration

## Languages

Portuguese (native language)

English



French



Spanish



## Experience

### Graduate Intern

(Summer Internship)

Estrela UNESCO Global Geopark, Portugal | Jul 2022 - Sep 2022

- Participation in conservation actions and educational activities with the community;
- Promotion of the Interpretative Centre of Serra da Estrela to tourists and visitors;
- Cartography and definition of site areas.

### Research Assistant

Federal University of Rio de Janeiro | Jul 2018 - Aug 2021

- Collaboration on oil and gas projects working with multidisciplinary groups;
- Development of new processes and improvements related to GIS and Remote Sensing techniques;
- Study of new methodologies and research for spatial and environmental analysis;
- Land use and land cover mapping using satellite images to assess Amazon Coastal ecosystems vulnerability;
- Accuracy assessment;
- Collaboration in the preparation of technical reports;
- Participation in meetings to define goals and priorities;
- Participation in the development and delivery of results.

### Undergraduate Intern

Brazilian National Agency of Petroleum, Natural Gas and Biofuels | Sep 2016 - Jan 2017

- Support in the control of issuing data evaluation reports;
- Support in reviewing resolutions regarding technical data;
- Participation in meetings to discuss analysis and results.

### Undergraduate Research Fellow

Federal University of Rio de Janeiro | Feb 2010 - Dec 2015

- Development and improvement of geochemistry techniques;
- Paleoenvironmental interpretation of Quaternary sediments using microfossils;
- Quantitative and qualitative interpretation and analysis of results.