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Nationality: Spanish

Orientation: Observation of the ocean and Global Change

Specialization Area: Ocean Observation

Research Area: 1.3 Geological Oceanography



**PhD project: Early Diagenesis and provenance of sediments on the Galicia Continental Shelf: palaeoclimatic and anthropogenic forcings**

Supervisors: Dr. M<sup>a</sup> Belén Rubio Armesto (University of Vigo)

Dr. Michael E. Böttcher (Leibniz Institute Baltic Sea Research)

**Summary:** The aim of this PhD project is the study of the environmental changes and early diagenesis in marine sediments of the galician continental shelf during Late Holocene, relating the environmental and diagenetic signals, with their variations, to sea level fluctuations and/or palaeoclimatic changes, as well as studying the provenance of the different inputs to the continental shelf (sediments, organica matter, trace elements, rare earth elements).

