

“THE DRIFTERS” RESEARCH GROUP IS HIRING!

“The Drifters” Research Group focuses on deep-marine sedimentary systems with special emphasis on the effect of bottom-currents and ocean circulation on sedimentation and their conceptual and societal impact. Our research group has made major scientific contributions in understanding deep-water marine sedimentary systems over the last years, and will continue to do so in the future. We now offer a post-doc position, at the IACT-CSIC in Granada, Spain. The research associated to this position focusses on the study of the recently drilled U1610 Site of the International Ocean Discovery Program (IODP), Expedition 401, located in the Gulf of Cadiz. This expedition represents the offshore drilling component of a Land-2-Sea drilling proposal: “*Investigating Miocene Mediterranean–Atlantic Gateway Exchange*” (IMMAGE).

Post: 2-year post-doc position, starting in January 2025

Objective: The main objectives of this research project are to: a) get a better general understanding of mixed depositional systems, b) unravel which processes control the evolution of such systems and c) contribute to a better understanding of the Miocene Mediterranean–Atlantic Gateway Exchange.

Study area: The deep Algarve Foreland Basin (Gulf of Cádiz).

Specific Tasks:

- Sedimentological and geochemical study of deep-marine deposits based on Site U1610.
- Biostratigraphic analysis, dating and depositional water-depth determination.
- Petrographic and petrophysical analysis.
- Understanding the regional geological framework.
- Establishment of paleogeographic reconstructions and sedimentary facies models.
- Help organize and participate in outreach activities.

Requirement for candidates

- Candidate should have an Earth Sciences PhD-degree in Geology and/or Marine Geosciences.
- Experience in deep-marine sedimentology.
- Fluent verbal and written English communication skills.
- Good oral presentation skills.
- Publications in international scientific journals.
- Candidates are expected to have strong cooperative skills with the ability to work effectively within an international research team.

Where? Our research group, and the primary locations of this post is based at the Andalusian Earth Sciences Institute (IACT), Spanish Research Council (CSIC), Avda. de Las Palmeras nº 4, 18100. Armilla, Granada, Spain (<https://www.iact.ugr-csic.es/en/>). The post also requires research stays at the *Environnements et Paléoenvironnements Océaniques et Continentaux* group at the Univ. Bordeaux (France). The candidate will be involved in “The Drifters” Research Group activities, including field campaigns (world-wide) and is encouraged to participate in training courses and go to international conferences.

Supervision: This research is co-supervised by F. Javier Hernández-Molina (CSIC-IACT, Spain) and Emmanuelle Ducassou (Univ. Bordeaux, France).

Closing date: December 6th, 2024 at 12 pm.

How to apply: Interested candidates should send their applications to F. Javier Hernández-Molina (fj.h@csici.es) with: a) a brief (2-pages) CV; and b) a 1-page motivation letter. Shortlisted candidates should have an interview by mid-December 2025.