CALL FOR EARLY-STAGE RESEARCHER (FPI)
WITHIN THE FRAME OF A RESEARCH PROJECT IN MARINE GEO SCIENCES

New research challenges in the extreme environment of the mining dumping site of Portman Bay: Implementation of advanced technologies

Objectives
PhD call offer (FPI contract of up to 4-years) in the framework of the NUREIEVA (CTM2016-75953-C2-1-R) project. The project proposes to undertake an innovative study of the mine tailings deposit in Portmán Bay, Murcia, which is mostly under the sea. With 48 million m$^3$, this deposit, which formed from 1957 to 1990, represents the most severe environmental impact due to direct disposal into the sea in the history of the Spanish coastline and the entire Mediterranean Sea, and one of the world’s largest in its category. The project aims at establishing the geometry, volume and internal structure of the deposit including its land and subsea parts, subsequently linking such structure and the distribution and concentration of metals in its interior with the highest resolution allowed by leading edge technologies.

Work place

Requirements
Geology, Geological Engineering or Marine Sciences degree, with good academic qualifications. Master’s degree to be finished by academic course 2016-2017. High level in written/spoken English, and available to travel and participate in oceanographic cruises.

Application procedure
Interested students should send a CV and a copy of the academic records by email to Miquel Canals i Artigas at miquelcanals@ub.edu. Deadline for applications is 15 July, 2017.