

Position Available at the Barcelona Center for Subsurface Imaging

The Barcelona Center for Subsurface Imaging (BCSI) has a vacant position at a PhD or Postdoc level in the field of Electromagnetic Geophysical Imaging. The position is for three years.

The position

The role of the successful candidate will be to extend the 2.5D forward modeling code developed by the BCSI to 3D. The code models the propagation of electromagnetic (EM) waves within the subsurface, using a Finite Element technique. The task has been recently funded by Repsol and the project is one of Repsol's strategic projects.

The successful candidate also is expected to collaborate on the existing projects of the group as well as participate in sea-going campaigns.

Qualifications

The appointment will be on the basis of scientific and/or academic merit. A Master degree is required. The successful candidate has to be proficient in the use of computers and able to write code. A good level of English is also required.

We seek a creative scientist who can work working both independently and as part of a team.

Barcelona Center for Subsurface Imaging

The Barcelona Center for Subsurface Imaging is formed by an interdisciplinary group of researchers in geosciences from the Institute of Marine Sciences ([ICM](#)) and the Earth Sciences Institute Jaume Almera ([ICTJA-CSIC](#)), all from the Spanish Research Council ([CSIC](#)). The development in geophysical methods and technology are combined with subsurface imaging and estimation of physical properties of the subsurface using field data, and with the integration of a wide range of observations to study geological processes.

Further information

Further information about the vacant position can be obtained from Dr. Xavier Garcia, email xgarcia@icm.csic.es

Application

Applications must be submitted to Dr. Xavier Garcia, email xgarcia@icm.csic.es

The position is to be filled as soon as possible.