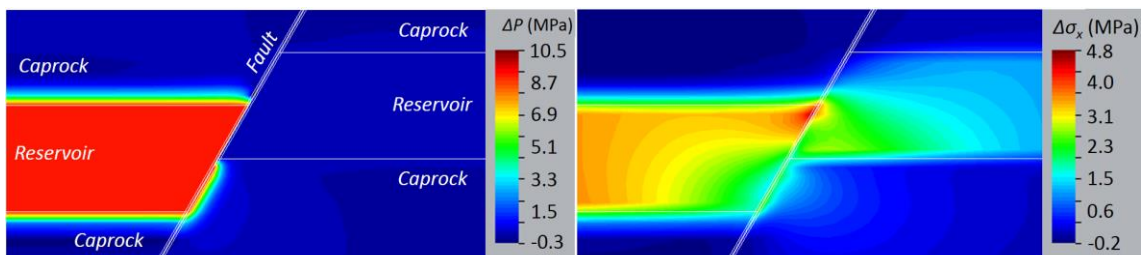


Postdoctoral Position on Induced Seismicity

Join the G_EoREST team to contribute with your research to address one of the major challenges of the XXI century: ending our dependency on hydrocarbons and reaching zero or net negative emissions to achieve carbon neutrality.

We offer a postdoctoral position (1 year with possibility of another one depending on results and funding availability) for investigating the mechanisms that induce seismicity as a result of fluid injection/extraction related to geothermal energy, geologic carbon storage and hydrogen storage. The position is related to the ERC-StG project G_EoREST (predictinG EaRthquakES induced by fluid injeCTion) (www.georest.eu), funded by the European Research Council (ERC, <https://erc.europa.eu/>). The candidate will perform her/his research at the Spanish National Research Council (CSIC) in a collaborative and enthusiastic environment.



QUALIFICATIONS

We are looking for highly motivated, perseverant, proactive and creative individuals with strong analytical and problem solving skills willing to leave their footprint on science. Candidates should hold a PhD in Engineering, Mathematics, Physics or Geology and have a good knowledge on structural geology, geophysics, hydrogeology, multi-phase flow, geochemistry, geomechanics or seismology. We will value experience in numerical modeling of coupled processes, programming, development of analytical solutions and machine learning. Candidates should have a demonstrated record of scientific publications in international journals and participation in conferences. Experience supervising students will be valued. The candidate will be integrated into an international team, so good communication skills and team working capabilities are required. Excellent level of English, both written and oral, is a requirement.

APPLICATIONS

If you are interested, please send an application, including CV and a cover letter describing interests and qualifications related to the position and contact details of two reference people, to Victor Vilarrasa, erc.georest@gmail.com, before 15th of May, 2022. Selection will be performed on the basis of the excellence of the CV and motivation.