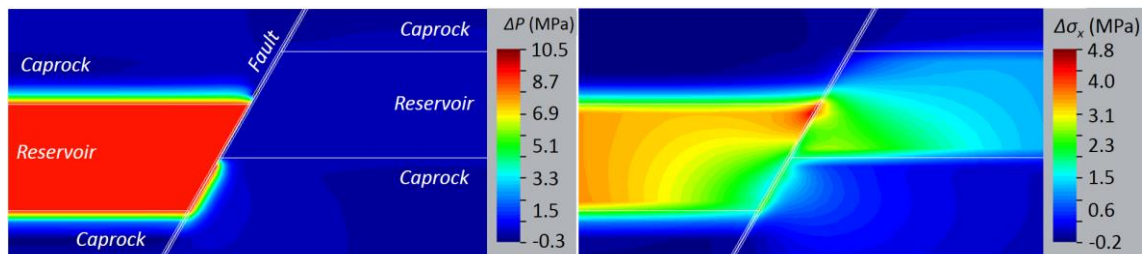


PhD Position in Predicting Induced Seismicity

Fed up with polluted skies? Looking forward to sunny days? Contribute with your research to address one of the major challenges of the XXI century: achieving zero emissions to enjoy the blue sky again.

We offer a 3-year PhD position for developing predictive models of induced seismicity as a result of fluid injection/extraction related to geothermal energy, geologic carbon storage and subsurface energy 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 and creative individuals with strong analytical and problem solving skills willing to leave their footprint on science. Candidates should hold a MSc in Engineering or Physics obtained within the last 3 years and have good knowledge on geomechanics and/or geotechnical engineering, hydrogeology and seismology. Experience in numerical modeling, machine learning and programming will be appreciated. Additionally, we will value scientific publications in international journals and participations in conferences. 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, English certificate, 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 24th of September, 2020. Selection will be performed on the basis of the excellence of the CV and motivation.