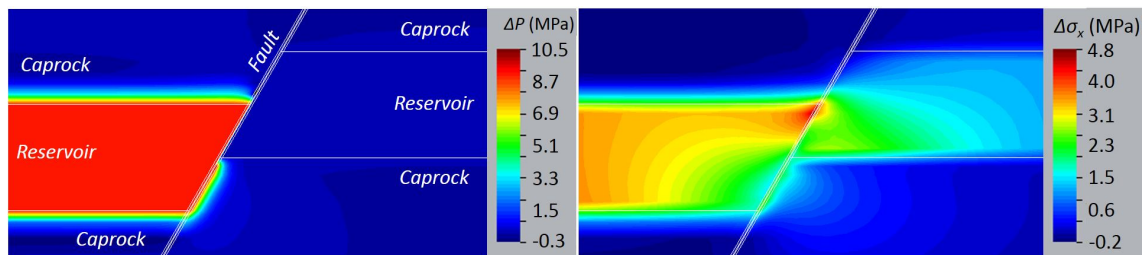


PhD Position on Process Understanding of Induced Seismicity

Fed up with polluted skies? Looking forward to sunny days? Come to Barcelona to enjoy the Mediterranean climate while contributing with your research to address one of the major challenges of the XXI century: achieving zero emissions to see the blue sky again.

We offer a 3-year PhD position for investigating the mechanisms that induce seismicity as a result of fluid injection/extraction related to subsurface energy applications. The position is related to the ERC-StG project G_EoREST (predictinG EaRthquakES induced by fluid injeCtion), funded by the European Research Council (ERC, <https://erc.europa.eu/>). The candidate will perform her/his research at the Institute of Environmental Assessment and Water Research (IDAEA) of 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, Physics or Seismology and have a good knowledge on geomechanics and/or geotechnical engineering and hydrogeology. Experience in numerical modeling 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 and a cover letter describing interests and qualifications related to the position and contact details of two reference people, to Victor Vilarrasa, victor.vilarrasa@idaea.csic.es before 15th of January, 2019. Selection will be performed on the basis of the excellence of the CV and motivation.