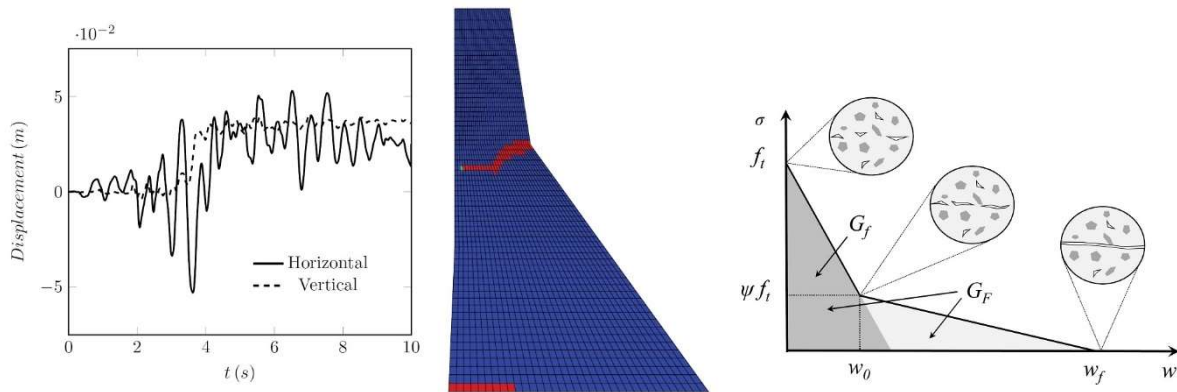




Postdoctoral Position on hydromechanical modeling of masonry dams

We offer a postdoctoral position (10 month with possibility of another 6 month depending on results and funding availability) for investigating the hydromechanical modeling of masonry dams, subjected to flood and seismic events. The position is related to the RITA european project (Réponse Impacts Tempête Alex - Risposta Impatti Tempesta Alex), funded by the European Regional Development Fund (ERDF). The candidate will perform her/his research at the french national research institute for agriculture, food & environment (INRAE, Aix-en-Provence, France) in a collaborative and enthusiastic environment.



Qualifications

Candidates should hold a PhD in Civil Engineering, Geomechanics, Structure Engineering or Mechanical Engineering. We will value experience in numerical modeling of geomaterials and geostructures, programming and development of analytical solutions. Experience in modeling using FLAC or CASTEM software is expected. Candidates should have a demonstrated record of scientific publications in international journals and participation in conferences. The candidate will be integrated into an international project 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 Guillaume Veylon, guillaume.veylon@inrae.fr, before 30th of April, 2022. Selection will be performed on the basis of the excellence of the CV and motivation.

Contacts

Guillaume Veylon, guillaume.veylon@inrae.fr

Laurent Peyras, laurent.peyras@inrae.fr

Deadline for application : 30 April 2022