Contracts of Seismic Risk and Active Tectonics (RNM-370)

Coordinator: Dr. José Antonio Peláez Montilla (japelaez [arroba] ujaen [punto] es)

Banner of an image where a laptop and some batteries appear.

The research group "Seismic Risk and Active Tectonics " is specialized in the study of lithospheric tectonic processes, seismicity and the relationship between them, essentially, but not only, in the domain of the Baetic System, the Guadalquivir Depression and North Africa. Another line of specialization refers to the study of seismic hazard, including site effects based, among others, on current seismicity behavior, historical seismicity and archaeoseismicity.

Contracts

Seismic hazard assessment of the Meffrouch dam (Algeria)

- Founding entity: OFITECO
- Duration: 2017-2018
- Leader: J.A. Peláez

Technical assistance service for the study of site effects induced by earthquakes in the Autonomous City of Melilla

- Founding entities: Ciudad Autónoma de Melilla - Fundación General UGR-Empresa (2017-GPRY-008)
- Duration: 2017-2018
- Leader: J. Garrido Manrrique (University of Granada, Spain)

Seismic hazard assessment of the Chefchaouen and Tetouan provinces, and the M'diq-Fnideq prefecture (Morocco)

- Founding entity: Water Mangement Consulting
- Duration: 2017-2018
- Leader: J.A. Peláez

Project for SSHAC Level 3 Probabilistic Seismic Hazard Analysis for Nuclear Power Plant Sites in Spain

- Project for SSHAC Level 3 Probabilistic Seismic Hazard Analysis for Nuclear Power Plant Sites in Spain
- Founding entities: Iberdrola, Ingeniería y Construcción S.A.U.
- Duration: 2016-2020
- Leader: J.A. Peláez

Review of the seismic action in the ANDASOL-1 and ANDASOL-2 thermosolar plant projects

- Founding entities: Andasol-1 Central Termosolar Uno, S.A.
- Duration: 2016
- Leader: J.A. Peláez

Seismic monitoring of landslides: reactivation and early alert criteria

- Founding entity: Regional Government of Andalusia (GGI3002IDIN)
- Duration: 2013-2015
- Leader: C. López Casado (University of Granada, Spain)