

# Doctoral theses of Earth Sciences and Geological Engineering (RNM-374)

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Banner of images related to the Earth Sciences and Geological Engineering

The Earth Sciences and Geological Engineering Research Group comprises researchers from Jaén University, Granada University and the Junta de Andalucía regional government, and has its main headquarters at the Linares Scientific Technological Campus. These facilities represent the clear commitment of Jaén University to Research, Development and Innovation. The group has three main objectives: first, scientific research (R&D & Innovation) in Geological Engineering, Geology, Hydrogeology, Exploration of Mining Resources, Environment, Civil Engineering and even archaeological auscultation. This research is funded through national and international projects. Second, technical-scientific collaboration/advisory service with and for the different administrations as well as private and public companies. Third, training of researchers and technicians in these fields.

This group has the following doctoral theses:

## ***Análisis de viabilidad técnica para la puesta en valor turístico del patrimonio minero-industrial en el paraje de la Aquisgrana en La Carolina (Jaén)***

- Doctoral student: Juan Manuel Galdón Requena
- Doctoral advisors: J.Martínez and J. Rey
- Mark: Summa cum laude
- University of Jaen (2018)

## ***Influencia de los residuos geomíneros sobre el medio hídrico en el distrito minero de La Carolina (Jaén)***

- Doctoral student: Diego Rojas Hita
- Doctoral advisors: MC Hidalgo and C. Kohfahl
- Mark: Summa cum laude
- University of Jaen (2019)

## ***Mechanisms of serpentinite dehydration in subduction zones. Constraints from the Almirez exhumed metamorphic terrane (Betic Cordillera, SE Spain) Doctoranda: Nicole DILISSEN***

- Doctoral advisors: Carlos J. Garrido Marín and Vicente López Sánchez Vizcaíno
- Mark: Summa cum laude
- University of Granada (2019)

***Evolución petrológica y geoquímica de rodingitas durante la subducción y deshidratación de rocas mantélicas (Complejo Nevado-Filábride, SE de España): implicaciones para el funcionamiento de una zona de subducción***

- Doctoral student: Casto LABORDA LÓPEZ
- Doctoral advisors: Vicente López Sánchez Vizcaíno and Claudio Marchesi
- Mark: Summa cum laude
- University of Jaen (2019)

***The Role of Peridotite and Serpentinite in the Deep Carbon Cycle: Constraints from ophiolites and exhumed metamorphic terranes”***

- Doctoral student: Manuel MENZEL
- Doctoral advisors: Carlos J. Garrido Marín and Vicente López Sánchez Vizcaíno
- Mark: Summa cum laude
- University of Granada (2019)