

Research Projects

Ongoing Projects

The following projects are currently in progress in our center:

Desarrollo y caracterización de nuevos composites geopoliméricos basados en residuos de la industria del olivar. Hacia una construcción sostenible

- Funding entity: State R&D Program Oriented to the Challenges of the Society
- Participating entities: University of Jaen
- Duration, from: 01-01-2018 till: 01-01-2021
- Subsidy Quantity: 108.900 €
- Researcher in charge: Dolores Eliche Quesada

Chemical and Environmental Engineering (TEP-233)

Avances hacia una biorrefinería flexible en materias primas y productos en regiones con alta densidad de biomasa agroindustrial: caso del olivar

- Funding entity: State Program of Research, State R&D Program Oriented to the Challenges of the Society (Ref. ENE2017-85819-C2-1-R)
- Participating entities: University of Jaen
- Duration, from: 01-01-2018 till: 01-01-2021
- Subsidy Quantity: 108.900 €
- Researcher in charge: Inmaculada Romero Pulido/Encarnación Ruiz Ramos

Chemical and Environmental Engineering (TEP-233)

Novel approaches to promote the SUSTAINability of OLIVE cultivation in the Mediterranean (SUSTAINOLIVE)

- Funding entity: European Commission - PRIMA: Partnership for Research and Innovation in the Mediterranean Area
- Participating entities: University of Jaen; Andalusian Institute for Research and Training in Agriculture, Fisheries, Food and Ecological Production; University of Pablo de Olavide; University of Granada; Institute of Agrifood Research and Technology; Tekieroverde; Denomination of Origin Estepa; Hellenic Agricultural Organization "Demeter"; Agricultural Cooperative of Kalamata; Nileas Producers Group; Company A.C.; University of Parma; Mediterranean University of Reggio Calabria; Alma Mater Studiorum - University of Bologna; Italian Association for Organic Agriculture; Coldiretti; University of Abdelmalek Essaadi; Association Tismonine; Cooperative Oumnia Bellota; University of Évora; Esporão S.A.; Olive Grove Institute; Center for Studies and Promotion of Olive Oil of Alentejo
- Duration: from 01-06-2019 till 31-05-2023
- Subsidy Quantity: 384.200 €
- Researcher in charge: Roberto García Ruiz
- CEACTEMA researchers: María Gema Parra Anguita / Francisco Jiménez Gómez

Ecology and Biodiversity of Aquatic Systems (RNM-300)

¿Hipertermales - eventos de variaciones bruscas de temperaturas y concentraciones de CO₂ atmosférico en contextos de cambio global acelerado?

- Funding Entity: University of Jaén. Andalucía ERDF 2014-20 OP
- Duration, from: 01/01/2020 till: 31/12/2021
- Subsidy Quantity: 71.769,51 €

Analysis of Basins and Environmental Geology (RNM-200)

Devolatilización, reciclaje de CO₂ y balances redox asociados a la subducción de serpentinitas: implicaciones para el ciclo profundo del carbono

- Funding Entity: The Secretary of State for Universities, Research, Development and Innovation. State R&D Program Oriented to the Challenges of the Society, 2016 (Ref: CGL2016-75224-R)
- Participating entities: University of Jaen, University of Granada, University of Montpellier.
- Duration, from: 30/12/2016 till: 31/12/2020
- Subsidy Quantity: 52.000 €
- Researcher in charge: Dr. Vicente López Sánchez-Vizcaíno. Universidad de Jaén.

Earth Sciences and Geological Engineering (RNM-374)

Contribución de la subducción de carbonatos al ciclo profundo del carbono

- Funding Entity: University of Jaen. Regional Government of Andalusia. Andalucía ERDF 2014-20 OP. (Ref. 1263042)
- Participating entities: University of Jaen, Spanish National Research Council (CSIC), University of Granada.
- Duration, from: 01/01/2020 till: 31/12/2021
- Subsidy Quantity: 67.675,48 €
- Researcher in charge: Dr. Vicente López Sánchez-Vizcaíno. University of Jaén.

Earth Sciences and Geological Engineering (RNM-374)

Redes MVDC integrando tecnologías de energías renovables, almacenamiento de energía y convertidores de fuente de impedancia (RenZSC), RTI2018-095720-B

- Funding entity: State Plan for Scientific and Technical Research and Innovation
- Participating entities: University of Jaen, University of Cádiz and Polytechnic University of Catalonia
- Duration, from: 2019 till: 2021
- Researcher in charge: Francisco Jurado Melguizo

Electrical Research and Technology (TEP-152)

Opportunities for olive oil value chain enhancement through the by-products valorization (OLIVEN)
PCI2018-093255

- Funding entity: ERA-Net ARIMNet2. Seventh Framework Programme (FP7)
- Participating entities: European research organizations
- Duration, from: 2018 till: 2020
- Researcher in charge: David Vera Candeas

Electrical Research and Technology (TEP-152)