

JAVIER DE LA CASA

ECOLOGY AND GLOBAL CHANGE



ABOUT ME

Pronouns: He / Him

Birthdate: 7th of July of 1997

Residence: Madrid, Spain



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CURRENTLY AT

PhD in Terrestrial Ecology (since 2021)

CREAF, Barcelona.

Studying the variation of the bioelemental composition of soils and organisms in the recent years and its implications for food security

Directed by Josep Peñuelas and Jordi Sardans

ACADEMIC BACKGROUND

MSc in Ecosystem Restoration (2015-2019)

University of Alcalá de Henares, Complutense University of Madrid, King Juan Carlos University and Polytechnic University of Madrid

MSc THESIS "Does isotopic fractionation occur during root water uptake? Reporting a global divergence in the isotopic composition of plant water and its sources" **Awarded 1st prize in the MSc Thesis Contest of The Water Cycle Cathedra of the University of Murcia**

BSc in Biology (2015-2019)

Complutense University of Madrid

EXCHANGE PROGRAM (SANTANDER IBEROAMÉRICA LOAN, 2018): 6 month stay in the National Autonomous University of Mexico (UNAM)

BSc THESIS "Evaluation of the ecosystem degradation of La Pastoría Lagoon, Oaxaca, Mexico"

WORK EXPERIENCE

Basque Center for Climate Change, BC3 (2020)

Research assistant (external practices of the MSc)

PUBLICATIONS AND CONGRESS

Peer-reviewed publication (preprint, 2021)

"Revealing a significant isotopic offset between plant water and its sources using a global meta-analysis" **Hydrology and Earth System Sciences**. Main author (de la Casa et al.)

This work has been exposed in two congresses:

-EGU General Assembly 2021 (**vEGU21: Gather Online**)

- International Conference on the Applications of Stable Isotope Techniques to Ecological Studies (**IsoEcol 2021**)

-**AEET Annual Congress** (October 20021)

Other participation in congresses (2020)

"Communication Strategy of Extinction Rebellion towards generating Climate Action"
Climate Change Communication Congress, Madrid.

Report (2020)

"Assesment of the Social Summit for Climate" **Ecologistas en Acción**

SKILLS

DRIVING LICENSE

LANGUAGES

Spanish: Native

English: CAE C1 Cambridge Certificate

Portuguese: Basic (non-certified)

COURSES

Spatial information management for Ecosystem Restoration

University of Alcalá de Henares

R advanced Course

Euskadi+innova

Ecosocial Dialogues

Complutense University of Madrid

SOFTWARE SKILLS

- **R language:** Skills in statistical analysis and data visualization. Also data hygiene and management of huge databases and NetCDF files.

-**QGIS:** Basic treatment of vector and raster data and creation of maps for data visualization

- **Microsoft Office:**

-**Teamwork:** Drive, Mendeley, Github.

-**Design:** Canva, Indesign, Gimp, Inkscape.