



# Diego García Maroto

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## WORK EXPERIENCE

19/07/2023 – CURRENT Madrid, Spain

**RESEARCHER** INSTITUTE OF GEOSCIENCES (IGEO), CSIC-UCM

Contribution to research on seasonal prediction and climate services in the Euro-Mediterranean region:

- Influence and changes of the ENSO teleconnection in Europe.
- Precipitation variability and Climate Change in the Iberian Peninsula using high-resolution datasets.
- Climate variability in mountainous regions and seasonal predictability.

Financed by the European Union NExtGenerationEU (Regulation EU 2020/2094), through CSIC's Interdisciplinary Thematic Platform Clima (PTI Clima)/Development of Operational Climate Services. Supervised by Dr. Belén Rodríguez de Fonseca.

02/2023 – 04/2023 Madrid, Spain

**TRAINEE STUDENT** AGENCIA ESTATAL DE METEOROLOGÍA (AEMET)

Development of simulations of surface variables (runoff, snow thickness, soil moisture, ...) forced from reanalysis data using the SURFEX surface modelling platform.

04/2022 – 06/2022 Gijón, Spain

**TRAINEE STUDENT** CON LOS PIES EN LAS NUBES SLU

Interpretation of weather maps to produce forecasts and graphs for later use on television, as well as presenting meteorological content on television and radio at a regional level.

## EDUCATION AND TRAINING

10/2023 – CURRENT Madrid, Spain

**PHD IN PHYSICS** Complutense University of Madrid

Supervised by Dr. Elsa Mohino and Dr. Luis Durán.

**Thesis** Analysis of climate predictions and projections for the mountainous regions of the Iberian Peninsula.

09/2022 – 09/2023 Madrid, Spain

**MASTER'S DEGREE IN METHEOROLOGY AND GEOPHYSICS** Complutense University of Madrid

**Field of study** Physics, Environmental sciences | **Final grade** 9.54 |

**Thesis** Analysis of the snowpack properties from observations at a snow measurement station at Crater Lake, Deception Island, Antarctica.

09/2019 – 07/2022

**DEGREE IN PHYSICS** University of Oviedo

**Field of study** Physics | **Final grade** 8.97

## LANGUAGE SKILLS

Mother tongue(s): **SPANISH**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
<b>ENGLISH</b>	C1	C1	C1	C1	C1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

## DIGITAL SKILLS

### Python

numpy | xarray | scipy | matplotlib | cartopy | pandas | seaborn | plotly

### Other programming languages

R | Fortran | Bash - Shell

### Text processing

LaTeX | Open Office | Microsoft Office

### Operating Systems

Microsoft Windows | Linux (Ubuntu, CentOS, KDE)

## ADDITIONAL INFORMATION

### DRIVING LICENCE

Driving Licence: B

### CONFERENCES AND SEMINARS

17/01/2024 – Madrid, Spain

**Jornadas 'Pink Floyd' de Jóvenes Investigadores** Oral presentation with the title: "Teleconexiones globales con la precipitación Ibérica: No-estacionariedad y predicción estacional"

13/12/2023 – 15/12/2023 – Valencia, Spain

**I Jornadas de Jóvenes Investigadores del Clima** Presentation of research results in oral and poster format with the title: "Variability of Iberian Peninsula precipitation and teleconnections".

23/11/2023 – 24/11/2023 – Segovia, Spain

**III Jornadas de la Red Inter-universitaria MigrAcciones Climáticas y RefugiAd@S**

29/05/2023 – 03/06/2023 – Madrid, Spain

**nextGEMS Cycle 3 Hackathon**

24/01/2023 – 26/01/2023 – Madrid, Spain

**CLIVAR 2023: Towards an integrated view of climate** Presentation of a poster with the title: "Análisis de índices de extremos en la Península Ibérica y teleconexiones asociadas"

### HONOURS AND AWARDS

25/11/2022

**End-of-degree award in Physics – University of Oviedo**

### COMMUNICATION AND INTERPERSONAL SKILLS

Participation in the "MeteoLab Workshop" within project Ciudad Ciencia (CSIC).

Participation in the "Workshop on Atmosphere and Ocean" within the "Science Week" at UCM.