

Prof. Dr. Diego G. Miralles

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Date of Birth: 25/01/1983

Nationality: Spanish | Communication: English, Dutch, Spanish, French

Home page: [Ghent University profile](#)

Lab website: [Hydro-Climate Extremes Lab \(H-CEL\)](#)

• PROFESSIONAL TRAJECTORY

09/2023–present	Research Professor (Full) Ghent University, UGent (BE)
02/2017–present	Research Professor (Associate) Ghent University, UGent (BE)
12/2014–01/2017	Visiting Professor UGent
10/2014–01/2017	NWO Research Fellow VUA (NL)
08/2011–07/2014	Assistant Professor (Lecturer) University of Bristol, UoB (UK)
06/2009–08/2011	Researcher, PhD candidate VUA
06/2008–05/2009	Researcher Hydrology and Remote Sensing Laboratory, USDA (USA)

• EDUCATION

06/2009–11/2011	PhD Vrije Universiteit Amsterdam, VUA ' <i>Evaporation in the Global Water Cycle</i> ' Promoter: Prof. dr. A. J. Dolman
09/2006–05/2009	MSc Hydrology, Ecohydrology VUA – <i>Cum Laude</i>
09/2001–09/2005	MSc Environmental Sciences Autónoma University Madrid (SP)

• SCIENTIFIC RECOGNITION

02/2023–07/2028	ERC CoG HEAT ' <i>Hybrid dry-hot Extremes Prediction and AdapTation</i> '
02/2017–07/2022	ERC StG DRY-2-DRY ' <i>Do droughts self-propagate and self-intensify?</i> '
2020–2022	Highly Cited Researcher Web of Science™
2022	World Rising Star in Science #1 Scientist in Belgium Research.com
10/2014–09/2017	NWO Veni Grant ' <i>Dry soils: A driving force of droughts and heatwaves</i> '
10/2014–09/2017	FWO Grant (<i>declined</i>) ' <i>Do dry soils aggravate heatwaves and droughts?</i> '
2019	European Meteorological Society (EMS) Tromp Award (biometeorology)
2016	European Geosciences Union (EGU) Leonardo Award (hydrology)
2015–2022	Lead section author Annual BAMS <i>State of the Climate</i> report
2018, 2019	Promotor of post-doctoral grants: Dr. Keune (FWO), Dr. Petrova (BOF)
2014–2022	P.I. and proposal leader in 9 consortium projects funded by the European Space Agency (ESA) and the Belgian Science Police Office (BELSPO)

• SUPERVISION

Current composition of the Hydrology and Climate team here	
2011–present	Postdocs: 13 PhD candidates: 14 (4 graduated) MSc theses: >20
2011–present	Advisor in 5 PhD progress panels Jury member in >10 PhD theses

- **TEACHING ACTIVITIES**

2018–present UGent	Coordinator, course developer and lecturer: ' <i>Climate Change Processes</i> ' (MSc yr1), ' <i>Land–Atmosphere Interactions</i> ' (BSc yr3)
2014–present	Lecturer: ' <i>Hydrological Modeling</i> ' (MSc yr1), ' <i>Climate Change</i> ' (MSc)
2011–2014	Coordinator, course developer and lecturer: ' <i>Climate Hydrology</i> ' (BSc yr3), ' <i>Ecohydrology</i> ' (BSc yr2), ' <i>World in Crisis</i> ' (BSc yr1) UoB

- **SCIENTIFIC EVENTS**

2012– present	Keynote/invited speaker AGU Conference (USA 2012, 2014, 2020), EGU Conference (Austria, 2014, 2015, 2021), AMS Conference (online, 2020), EMS Conference (Denmark, 2019), Netherlands Earth Science Congress (The Netherlands, 2014), Boussinesq Lecture (The Netherlands, 2016), EGU Leonardo Conference (Spain, 2016), WRCP Climate Extremes (Oslo, 2015), CAB-LAB Workshop (Jena, 2015), etc.
2022	Scientific committee ESA Living Planet (Germany)
2016–2022	Session convener European Geosciences Union (EGU) conference (Austria)
2021	Organization committee IGARSS conference (Belgium)
2015, 2020	Scientific committee ESA Earth Observation for Water Cycle Science (Italy)
2015, 2020	Round table expert ESA Earth Observation for Water Cycle Science (Italy)
2018	Organiser and host Workshop on Data-Driven Biosphere–Climate (Belgium)
2016	Scientific committee EGU Leonardo Conference (Spain)
2015	Session convener and chair ESA SMOS Science Conference (Spain)
2011–2014	Coordinator School of Geography seminar series at the UoB (UK)
2009	Participant NASA mission campaigns SMAPVEX08, validation of SMAP (USA)

- **INSTITUTIONAL RESPONSIBILITIES & MEMBERSHIPS**

2018–present	Board member & Essential Climate Variable (ECV) representative Global Climate Observing System (GCOS)
2015–present	Board member Boussinesq Centre for Hydrology (The Netherlands, Belgium)
2017–present	PR representative Faculty of Bioscience Engineering, UGent
2011–present	Member (intermittent) American Geophysical Union (AGU), EGU, American Meteorological Society (AMS), EMS, New York Academy of Science (NYAS)
2011–2019	Member LandFlux & SurFlux World Climate Research Programme (WCRP)

- **REVIEWING ACTIVITIES**

2018–present	Grant reviewer Horizon Europe Cluster 6 (2021), ERC Advance Grants (EU, 2018), Ramon & Cajal Fellowships (Spain, 2018), DFG Grants (Germany, 2021)
2009–present	Reviewer for a broad number of scientific journals, including high impact ones such as <i>Nature</i> , <i>Nature Climate Change</i> , <i>Nature Communications</i> , <i>Nature Geosciences</i> , <i>Science Advances</i> , etc.
2020	Reviewer Intergovernmental Panel on Climate Change (IPCC) AR6 report
2016–2019	Editorial board <i>Frontiers in Earth Science: Atmospheric Sciences</i>
2017–2018	Guest editor <i>Remote Sensing</i> and <i>Water</i> journals
2017	Course evaluator Wageningen University (The Netherlands)