

Diego G. Miralles

Date of Birth: 25/01/1983

[ORCID 0000-0001-6186-5751](#) | [G Scholar](#) | [Researcher ID K-8857-2013](#) | [Scopus 36061813500](#)

Personal website: [Ghent University profile](#) |

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

• EDUCATION

06/2009–11/2011 PhD | VU Amsterdam (The Netherlands)

'Evaporation in the Global Water Cycle' | Promoter: Prof. dr. A. J. Dolman

09/2006–05/2009 MSc Hydrology, Ecohydrology | VU Amsterdam – *Cum Laude*

09/2001–09/2005 MSc Environmental Sciences | Autónoma University Madrid (Spain)

• PROFESSIONAL TRAJECTORY

02/2017–present Research Professor | Ghent University (Belgium)

12/2014–01/2017 Visiting Professor | Ghent University

10/2014–01/2017 NWO Research Fellow | VU Amsterdam

08/2011–07/2014 Assistant Professor (lecturer) | University of Bristol (UK)

06/2009–08/2011 Researcher, PhD candidate | VU Amsterdam

06/2008–05/2009 Researcher | Hydrology and Remote Sensing Laboratory, USDA (USA)

• FELLOWSHIPS AND AWARDS

2020–2021 **Highly Cited Researcher** | Web of Science™

02/2017–01/2022 **ERC-StG** | DRY–2–DRY, *'Do droughts self-propagate and self-intensify?'*

10/2014–09/2017 **NWO Veni Grant** | *'Dry soils: A driving force of droughts and heatwaves'*

10/2014–09/2017 FWO Grant (*declined*) | *'Do dry soils aggravate heatwaves and droughts?'*

2019 European Meteorological Society (EMS) Tromp Award (biometeorology)

2016 European Geosciences Union (EGU) Leonardo Award (hydrology)

2015–2022 BAMS *State of the Climate* report | Lead section author of the annual

2018–2019 Promotor of 2 fellowships: Dr. J. Keune (FWO) and Dr. I. Petrova (BOF)

2014–2017 P.I. and proposal leader in 7 consortium projects funded by the European Space Agency (ESA) and the Belgian Science Police Office (BELSPO)

• SUPERVISION

Current composition of the **Hydrology and Climate research team** [here](#)

2011–present **Postdocs: 10** | **PhD candidates: 13** (4 graduated) | MSc Students: >20

2011–present Advisor in 5 PhD progress panels | Jury member in >10 PhD theses

• TEACHING ACTIVITIES

2018–present Ghent University | Coordinator, course developer and lecturer: **'Climate Change Processes'** (MSc yr1), **'Land–Atmosphere Interactions'** (BSc yr3)

2014–present Ghent | Lecturer: *'Hydrological Modeling'* (BSc yr3), *'Climate Change'* (MSc)

2011–2014 University of Bristol | Coordinator, course developer and lecturer: *'Climate Hydrology'* (BSc yr3), *'Ecohydrology'* (BSc yr2), *'World in Crisis'* (BSc yr1)

- **SCIENTIFIC MEETINGS**

2021	Organization committee IGARSS conference (Belgium)
2015, 2020	Scientific committee ESA Earth Observation for Water Cycle Science (Italy)
2020, 2015	Round table expert ESA Earth Observation for Water Cycle Science (Italy)
2016–2022	Session convener European Geosciences Union (EGU) conference (Austria)
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 University of Bristol (UK)
2009	Participant NASA mission SMAPVEX08, field validation of SMAP (USA)
2012–2022	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.

- **INSTITUTIONAL RESPONSIBILITIES**

2018–present	Board member & ECV reference Global Climate Observing System (GCOS)
2015–present	Board member Boussinesq Centre for Hydrology (The Netherlands, Belgium)
2017–present	PR representative Faculty of Bioscience Engineering, Ghent University
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**

2018–2022	Grant reviewer Horizon Europe Cluster 6 (2021), ERC Advance Grants (EU, 2018), Ramon & Cajal Fellowships (Spain, 2018), DFG Grants (Germany, 2021)
2020	Reviewer Intergovernmental Panel on Climate Change (IPCC) AR6 report
2016–2019	Editorial board Frontiers in Earth Science: Atmospheric Sciences
2017–2018	Guest editor <i>Remote Sensing</i> and <i>Water</i> journals
2017	Course evaluator Wageningen University (The Netherlands)
2009–2022	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> , etc.

- ⊕ **Scientific awards:** Highly Cited (2020–2021), EMS Tromp (2019), EGU Leonardo (2016)
- ⊕ **Scientific grants:** ERC-Starting Grant (2017), NWO Veni Grant (2014), FWO (2014)
- ⊕ **Board member:** GCOS, Boussinesq Center of Hydrology
- ⊕ **Section lead:** in the annual *State of the Climate* report (BAMS) since 2015
- ⊕ **Course creator:** for MSc & BSc on climate change and land–atmosphere interactions
- ⊕ **P.I. and proposal leader** in 7 consortia, and promotor of 2 postdoctoral fellowships
- ⊕ **Team [Hydrology and Climate](#)** (2014–): Postdocs: 10 | PhD candidates: 14 (4 graduated)
- ⊕ **PhD** achieved within 2 years; yielding, among others, the widely used GLEAM model