

Davide Sabatani



Dr. in Physics of Earth System.

Ph.D. student at the University of Bologna,

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Education

- Sep 2024 - Feb 2025 **Exchange Ph.D. student at Japan Agency for Marine-Earth Science and Technology (JAMSTEC), Yokohama, Tokyo, Japan.**
- June 2024 - July 2024 **International Summer School, ICTP, Trieste, Italy.**
5th Summer School on Theory, Mechanisms and Hierarchical Modelling of Climate Dynamics: Convection and Clouds
- Nov 2022 - Nov 2025 **Ph.D. student in climate and atmospheric science, Università di Bologna, Centro Euro-Mediterraneo sui Cambiamenti Climatici (CMCC), Bologna, Italy.**
- Sep 2020 - Oct 2022 **Master Degree in Physics of Earth System, Università di Bologna, Bologna, Italy.**
Thesis Project: Characterization of ENSO changes under idealised radiative forcing in an intermediate complexity general circulation model. Score: 110/110.
- Aug 2022 **International Summer School, Università di Bologna, Bologna, Italy.**
Nature-based solution for hydro-meteo hazards and climate change adaptation.
- 2017 - 2020 **Bachelor's degree in Physics, Università di Bologna, Bologna, Italy.**
Thesis Project: Statistical analysis of lightning phenomena over Abruzzo (IT). Score: 105/110.
- 2012 - 2017 **Secondary High School 'Liceo Scientifico Rambaldi-Valeriani', Imola, Italy.**

Working Experiences

- 2024 - present **President of Polling Stations, Mordano, Italy.**
Polling stations president in Mordano for national referendums and political elections.
- Apr 2022 - Jun 2022 **Internship at ARPAE Emilia-Romagna, Bologna, Italy.**
Curricular internship at ARPAE Emilia-Romagna. Activities:
 - Statistical analysis of climate anomalies in Emilia-Romagna and classification of weather phenomena;
- 2018 - 2024 **Secretary of Polling Stations, Mordano, Italy.**
Secretary at polling stations in Mordano for national referendums and political elections, managing the staff time schedules and filling in ballot reports. This experience allows me to:
- 2017 - present **Private-Professor, Imola, Italy.**
Professor in mathematics and physics for secondary school and university students. This allows me to:
 - Understand how younger students reason;
 - Develop my skills in teaching in the most proper way for students with deficits;
 - Improve myself to be more polite, calm and patient;
 - Magister, dum docet, discit.*

Publications and Awards

- May 2024 **Applied and Theoretical Climatology, Springer.**
Sabatani, D., Pavan, V., Grazzini, F. et al. Long-term trend and variability in surface temperatures over Emilia-Romagna from 1962 to 2022. *Theor Appl Climatol* (2024). <https://doi.org/10.1007/s00704-024-04994-8>
- Dec 2023 **Awarded with *Attestato di Base di Meteorologo* conferred by the World Meteorological Organization (WMO), Università di Bologna, Bologna, Italy.**

Volunteering

- 2019 - present **Founding Partner and member of the executive board**, *Mordano*, Italy.
I am a founding partner, organizer and responsible of different activities for a youth association (*FLOOD*) in Mordano. This experience allows me to:
- Deeply understand the mechanisms of a no-profit association;
 - Develop my skills in events organization and group working.
- 2014 - 2021 **Educator in Children Activities**, *Mordano*, Italy.
I organized activities and events in my local parish, for underage children. This experience allowed me to:
- Interact with kids and understand them;
 - Develop my communication skills in maintaining a group attention.

Computer Skills

- Basic MATLAB, MICROSOFT EXCEL, UNIX, FORTRAN
Intermediate C++, PYTHON, R, LATEX

Languages

- Italian **Mother tongue**
English **Upper-Intermediate (B2)**