

PERSONAL INFORMATION

Massimiliano Bordoni



 Via Ferrata 1, Pavia (PV) – 27100 Italy
 +39 0382 985830  +39 3381282762
 massimiliano.bordoni@unipv.it  massimiliano.bordoni@libero.it
 [State personal website\(s\)](#)
 Skype [massi.bordoni](#)
 Sex Male | Date of birth 16/04/1987 | Nationality Italian

JOB APPLIED FOR
 POSITION
 PREFERRED JOB
 STUDIES APPLIED FOR
 PERSONAL STATEMENT

Research Assistant

WORK EXPERIENCE

- February 2022 – present

Fixed-Term Research Assistant (Type B)
 Department of Earth and Environmental Sciences – University of Pavia (Italy)

Field Monitoring and Modelling of Landslides, Slope stability Analysis, Hydrological and Geomorphological Processes, Geological Models, Liquefaction Analysis
 Business or sector University
- March 2019 – January 2022

Fixed-Term Research Assistant (Type A)
 Department of Earth and Environmental Sciences – University of Pavia (Italy)

 - Field Monitoring and Modelling of Landslides, Slope stability Analysis, Hydrological and Geomorphological Processes, Geological Models, Liquefaction Analysis

Business or sector University
- January 2016 – January 2019

Post-Doctoral Researcher (Type B)
 Department of Earth and Environmental Sciences – University of Pavia (Italy)
 Supervisor: Prof. Claudia Meisina

Field Monitoring and Modelling of Landslides, Slope stability Analysis, Hydrological and Geomorphological Processes, Geological Models
 Business or sector University
- Nov 2012 – December 2015

PhD student
 Department of Earth and Environmental Sciences – University of Pavia (Italy)

 - PhD Dissertation: “Rainfall-induced shallow landslides prediction at different scales”.
 - Supervisor: Prof. Claudia Meisina, Dr. Roberto Valentino

Field Monitoring and Modelling of Landslides, Slope stability Analysis, Hydrological and Geomorphological Processes
 Business or sector University
- May 2014 – July 2014

Visiting PhD student
 Civil & Environmental Engineering Department of Colorado School of Mines, Golden, CO, USA

 - Research issue: “Rainfall-induced shallow landslides prediction at different scales”
 - Supervisor: Prof. Ning Lu

Field Monitoring and Modelling of Landslides, Slope stability Analysis
 Business or sector University

EDUCATION AND TRAINING

- Nov 2012 – December 2015

PhD in Earth Sciences
 University of Pavia (Italy) QEeq Level 8
- Oct 2009 – July 2011

Master Degree in Applied Geological Sciences
 University of Pavia (Italy) – Final mark: 110/110 cum Laude QEeq Level 7

Sep 2006 – Sep 2009

Bachelor Degree in Geology and Natural Resources
University of Pavia (Italy) – Final mark: 107110

QE/Q Level 6

PERSONAL SKILLS

Mother tongue(s)
Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
Italian					
English	C1	C1	C1	C1	C1

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user
[Common European Framework of Reference for Languages](#)

Digital skills

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
Independent user	Independent user	Independent user	Independent user	Independent user

Levels: Basic user - Independent user - Proficient user
[Digital competences - Self-assessment grid](#)

- Good command of: Windows, Linux, Microsoft Office tools (Word, Excel and PowerPoint), MATLAB and R, QGIS, SAGA-GIS, GRASS, ArcGIS, GeoSLOPE, TRIGRS, SINMAP, SHALSTAB, GMS, MAP- Windows GIS; AutoCAD, Surfer, ModFlow

ADDITIONAL INFORMATION

Publications

Scopus Author Identified: 55831796900
Scientific publication in journals: **50**
Book chapters, conferences, workshop and symposia: **23**

Presentations

26 Oral presentations, **7** poster presentations at congresses and seminars

Projects

- **October 2023 – present** – Substitute Principal Investigator: Project UNDER-VINE (funded by Italian Ministry of University and Research)
- **October 2022 – present** – Vice-Principal Investigator: Flagship Project VINO – Project NODES (funded by Italian Ministry of University and Research, PNRR programme)
- **November 2021 – August 2023** – Principal Investigator: Project OLIO (funded by Regione Lombardia)
- **January 2021 – December 2023** - Research Assistant: Project DRIVE (funded by LIFE programme)
- **March 2020 – present** - Research Assistant: Project RESERVOIR (funded by PRIMA)
- **February 2020 – present** - Research Assistant: Project CE4WE (funded by Regione Lombardia)
- **September 2019 – present** - Research Assistant: Project VIRECLI (funded by Regione Lombardia)
- **May 2018 – December 2021** - Dissemination Coordinator and Research Assistant: Project ANDROMEDA (funded by Fondazione Cariplo, Italy; Ref 2017-0677).
- **March 2017 – December 2020** - Research Assistant: Project Oltrepò BioDiverso (funded by Fondazione Cariplo).
- **June 2016 – December 2019** - Research Assistant: Project LIQUEFACT (funded by EU, Horizon 2020).
- Research Assistant for projects funded by ARPA Piemonte and SEA (Italy)
- Tutor of PhD thesis at PhD Course in Earth and Environmental Sciences, University of Pavia: XXXVI cycle- Dr. Alessia Giarola; XXXVII cycle-Dr. Giulia Frutaz (in collaboration with Micronizzazione Innovativa srl)

- Conferences**
- Convener of the session "NH3.8 – Landslide monitoring: recent technologies and new perspectives", EGU General Assembly 2023
 - Convener of the session "NH6.4/GM3.9/HS6.11 – Using satellite soil moisture and rainfall data for the monitoring and the prediction of natural hazards", EGU General Assembly 2021
 - Convener of the session "NH6.4/GM3.9/HS6.11 – Using satellite soil moisture and rainfall data for the monitoring and the prediction of natural hazards", EGU General Assembly 2021
 - Convener of the session "Session_5 Water Resources and Hydrology", 2020 International Symposium on Water, Ecology and Environment (ISWEE 2020)
 - Convener della sessione "NH3.4 Hydrological and geomorphological processes in natural and human-modified slopes and landslides", EGU General Assembly 2020
- Honours and Awards**
- Invited Speaker at 2021 International Symposium on Water, Ecology and Environment (ISWEE 2021), 15-18 October 2021
 - Invited Speaker at 2020 International Symposium on Water, Ecology and Environment (ISWEE 2020), 6-8 December 2020
 - Invited Speaker at World Congress on Geology and Earth Science, London, 11-13 July 2019
 - Best Poster at IX Convegno Nazionale dei Giovani Ricercatori di Geologia, Naples, 14-15 February 2013
- Citations** H-Index **20** (2015 – present); 1213 citations
- Courses**
- March 2023 – present – Professor of the course “Advanced Geological Survey” in MSc programme “Geosciences for the Sustainable Development” at the University of Pavia
 - March 2022 – present – Professor of the course “Applied geology to Environmental Sustainability” in MSc programme “Geosciences for the Sustainable Development” at the University of Pavia
 - October 2021 – present - Professor of the course “Geomechanics” in MSc programme “Geosciences for the Sustainable Development” at the University of Pavia
 - October 2020 – present - Professor of the course “Applied Geology” in BSc programme “Geological Sciences” at the University of Pavia
 - March 2019 – present - Professor of the course “Landslides Hazard and Risk” in MSc programme “Applied Geological Sciences” at the University of Pavia
 - February 2023 – Professor of the course " Data-driven and machine learning models for Earth and Environmental Sciences through R ", PhD Course in Earth and Environmental Sciences, University of Pavia
 - February 2021 – Professor of the course "Basic principles of R and application to Geoscience", PhD Course in Earth Sciences, University of Granada
 - February 2021 – Professor of the course "Statistical Regression Models for Engineering Geology through R", PhD Course in Earth and Environmental Sciences, University of Pavia
 - May 2019 – Professor of the course "The meaning of a disaster – Field course in Vajont Valley", PhD Course in Earth and Environmental Sciences, University of Pavia

According to law 679/2016 of the Regulation of the European Parliament of 27th April 2016, I hereby express my consent to process and use my data provided in this CV

Pavia, 27 May 2024

