

PERSONAL INFORMATION

Loredana ANTRONICO



CNR-IRPI, Via Cavour 4/6, 87036 Rende (CS), Italy

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Sex Female | Date of birth Nationality Italian

Enterprise	University	EPR
<input type="checkbox"/> Management Level	<input type="checkbox"/> Full professor	<input type="checkbox"/> Research Director and 1st level Technologist / First Researcher and 2nd level Technologist / Principal Investigator
<input type="checkbox"/> Mid-Management Level	<input type="checkbox"/> Associate Professor	<input checked="" type="checkbox"/> Level III Researcher and Technologist
<input type="checkbox"/> Employee / worker level	<input type="checkbox"/> Researcher and Technologist of IV, V, VI and VII level / Technical collaborator	<input type="checkbox"/> Researcher and Technologist of IV, V, VI and VII level / Technical collaborator

WORK EXPERIENCE

1999 – Present

Researcher

National Research Council of Italy, Research Institute for Geo-Hydrological Protection, Italy

1994 – 1999

Fixed term researcher

National Research Council of Italy, Research Institute for Geo-Hydrological Protection, Italy

EDUCATION AND TRAINING

1990 - 1992

Scholarship

National Research Council of Italy, Research Institute for Geo-Hydrological Protection, Italy

1982 - 1987

Laurea Scienze Geologiche

Università degli Studi della Calabria, Italy

▪ Dissertation title: "Geologia dell'alta valle del Torrente Frido". (In Italian)

WORK ACTIVITIES

Job-related skills

Landslide cartography, landslide incidence at different spatial scales, landslide susceptibility and hazard assessment, landslide monitoring; studies about erosion processes and morphodynamics of the alluvial fans; collection and analysis of landslides historical data; geo-hydrological risk perception and communication; dissemination.

Other skills

Tutor of research grants and scholarships carried out at CNR-IRPI and tutor for numerous degree thesis (of either the "old" and the "new" academic systems) for the Università della Calabria. Reviewer for national and international scientific projects and for international scientific journals. Teacher of training courses related to landslide mapping and landslide susceptibility and hazard assessment. Academic years 2007-2008, 2008-2009, 2009-2010 and 2010-2011 - Lecturer of "Applied Geology and Hydrogeology", three-year degree course, (40 hours, 5 UFC). Corso di Laurea Interfacoltà in Scienze Geo-topo-cartografiche, estimative, territoriali ed edilizie (II year), University of Calabria, Faculty of Mathematical, Physical and Natural Sciences, Italy

Grants

2018-2020: Scientific responsible of a Project funded under the Agreement on Scientific Cooperation between CNR and UoM (University of Malta) on "From population risk perception to social vulnerability in coastal areas subject to climate change" (budget of the CNE Research Unit: 10.000,00 €.)

2023-present: Scientific responsible of the Research Unit CNR-IRPI of the Project "Fostering

climate change adaptation of local communities through a participatory risk communication strategy", funded under the Bando PRIN 2022 (Decreto direttoriale prot. n. 953 del 28 giugno 2023 - graduatoria Macrosettore SH Social Sciences and Humanities Settore SH7).

2023-present: Scientific coordinator of the Action 5 (PP2. Goal 1.1, Spoke1) "Integrated and multiscale systems for early warning monitoring and controlling and social communication and information strategies regarding risk perception and adaptation" of the Innovation Ecosystems Project "Tech4Yo - Technologies for climate change adaptation and quality of life improvement" funded under the National Recovery and Resilience Plan (NRRP), Mission 4, Component 2 Investment 1.4, funded from the European Union - NextGenerationEU.

ADDITIONAL INFORMATION

Metrics overview by Scopus:

42 Documents

1123 Citations

18 H-index

Selected publications

- 1 - Antronico, L., Coscarelli, R., Gariano, S.L., Salvati, P. (2023) Perception of climate change and geo-hydrological risk among high-school students: A local-scale study in Italy International Journal of Disaster Risk Reduction, 90, DOI: 10.1016/j.ijdr.2023.103663
- 2 - Ardizzone, F., Gariano, S.L., Volpe, E., Antronico, L., Coscarelli, R., Manunta, M., Mondini, A.C. (2023) A Procedure for the Quantitative Comparison of Rainfall and DInSAR-Based Surface Displacement Time Series in Slow-Moving Landslides: A Case Study in Southern Italy, Remote Sensing, 15 (2), DOI: 10.3390/rs15020320
- 3 - Antronico L, Carone MT, Coscarelli R (2023). An approach to measure resilience of communities to climate change: a case study in Calabria (Southern Italy). MITIGATION AND ADAPTATION STRATEGIES FORGLOBAL CHANGE, vol. 28(4), ISSN: 1573-1596, doi: doi.org/10.1007/s11027-023-10056-7
- 4 - Font Barnet A., Boque Ciurana A., Olano Pozo J.X., Russo A., Coscarelli R., Antronico L, De Pascale F., Saladie O., Anton-Clave S., Aguilar E. (2021). Climate services for tourism: An applied methodology for user engagement and co-creation in European destinations. CLIMATE SERVICES, vol. 23, ISSN: 2405-8807, doi: 10.1016/j.cliser.2021.100249
- 5 - Borrelli, L., Antronico, L., Le Pera, E., Pisano, B., Sorriso-Valvo, M. (2021). Morphology, properties, and source of windblown sediments of the coastal dune field in the Gioia Tauro Plain, Calabria, southern Italy, Catena, 201, 105193
- 6 - L. Antronico, R. Coscarelli, F. De Pascale, D. Di Matteo (2020) Climate Change and Social Perception: A Case Study in Southern Italy. Sustainability, 12, 6985; <https://doi.org/10.3390/su12176985>
- 7 - L. Antronico, F. De Pascale, R. Coscarelli, G. Gullà (2020) Landslide risk perception, social vulnerability and community resilience: The case study of Maierato (Calabria, southern Italy), International Journal of Disaster Risk Reduction, 46, <https://doi.org/10.1016/j.ijdr.2020.101529>
- 8 - L. Antronico, F. De Pascale, R. Coscarelli, G. Gullà (2020) Interventi non strutturali nella filiera per la gestione del rischio: la percezione sociale e la comunicazione del rischio geo-idrologico secondo gli esperti nel caso studio di Maierato (Calabria meridionale, Italia). Geologia dell'Ambiente, 1/2020
- 9 - L. Antronico, R. Coscarelli, F. De Pascale, F. Condino (2019) Social Perception of Geo-Hydrological Risk in the Context of Urban Disaster Risk Reduction: A Comparison between Experts and Population in an Area of Southern Italy. Sustainability 11, 2061, <https://doi.org/10.3390/su11072061>
- 5 - De Pascale F., D'Amico S., Antronico L., Coscarelli R. (2019) Geographies of the Anthropocene: Geoethics and Disaster Risk Reduction Tools Applied to Mediterranean Case Studies. In: de Miguel González R., Donert K., Koutsopoulos K. (eds) Geospatial Technologies in Geography Education. Key Challenges in Geography (EUROGEO Book Series). Springer, Cham, DOI: 10.1007/978-3-030-17783-6_11

- 7- Antronico, L., Marincioni, F. (Editors) (2018) Natural hazards and disaster risk reduction policies. *Geographies of the Anthropocene*, Vol. 1, No. 2, December 2018
- 8 - Gullà, G., Aceto, L., Antronico, L., Borrelli, A., Coscarelli, R., Perri, F. (2018) A smart geotechnical model in emergency conditions: A case study of a medium-deep landslide in Southern Italy. *Engineering Geology*, 234, 138-152, <https://doi.org/10.1016/j.enggeo.2018.01.008>
- 9 - Antronico L., Coscarelli R., De Pascale F., Gullà G. (2018) La comunicazione del rischio e la percezione pubblica dei disastri: il caso studio della frana di Maierato (Calabria, Italia). *Prisma*, 3, Editore: Franco Angeli, - Milano
- 10 - Antronico L, Borrelli L, Coscarelli R (2017). Recent damaging events on alluvial fans along a stretch of the Tyrrhenian coast of Calabria (southern Italy). *Bulletin of Engineering Geology and the Environment*, p. 1-18, doi: 10.1007/s10064-016-0922-2
- 11- Antronico L., Coscarelli R., De Pascale F., Muto F. (2017). Geo-hydrological risk perception: A case study in Calabria (Southern Italy). *International Journal of Disaster Risk Reduction*, 25:301–311, doi.org/10.1016/j.ijdrr.2017.09.022

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