

Name: Vittoria

Surname: Scorpio

websites: <https://www.researchgate.net/profile/Vittoria-Scorpio>

<http://personale.unimore.it/rubrica/dettaglio/vscorpio>

Teacher profile: <http://personale.unimore.it/rubrica/insegnamenti/vscorpio>

Current position: Fixed-term research assistant (RTD-B) in Physical Geography and Geomorphology (ssd GEO/04) – University of Modena and Reggio Emilia (Italy)

Education:

- 2012 PhD in Earth Science – University of Naples Federico II (Italy)
- 2007 Master Degree in Geology and Applied Geology – University of Naples Federico II (Italy)
- 2005 Bachelor Degree in Earth Science – University of Molise (Italy)

Research experience:

- 2020 - 2022 senior researcher – Eurac Research (Italy)
- 2019 post-doc fellow – CNRS (Centre National de la Recherche Scientifique) di Lyon - Unité UMR 5600 EVS (France)
- 2015 - 2018 post-doc fellow – Free University of Bolzano-Bozen (Italy)
- 2012 - 2015 post-doc fellow – University of Molise (Italy)

Research topics:

- (1) Fluvial Geomorphology
- (2) Channels response to extreme events and flood hazard scenarios
- (3) Human impact on the fluvial system
- (4) River restoration
- (5) Hillslope - channel coupling
- (6) Geomorphological survey and mapping
- (7) Fluvial processes and biodiversity conservation

Study areas

Mediterranean areas, Southern Apennines, Eastern Alps

Research projects (as participant or PI):

- 2020 - 2022 principal investigator in COUPEVENT (Hillslope - Channel coupling during extreme events in South Tyrol), Eurac Research (Italy), project funded by Autonomous Province of Bolzano - Bozen
- 2018 - 2019 participant in SEDIPLAN (Sediment budgeting and planning for rivers in South-Tyrol: from hazard mitigation to environmental restoration), Free University of Bolzano - Bozen (Italy), (Prof. Francesco Comiti)

- 2017 - 2018 participant in FHARMOR (Fish Habitat in Alpine Rivers: Integrating Monitoring, Modelling and Remote Sensing), Free University of Bolzano - Bozen (Italy), (Prof. Francesco Comiti)
- 2017 - 2015 participant in ETSCH-2000 (Evolution of the Etsch River: Historical changes in channel morphology over 2 millenia), Free University of Bolzano - Bozen (Italy), (Prof. Francesco Comiti)
- 2012 - 2015 participant in *Studio dell'area della Provincia di Isernia finalizzato alla conoscenza e caratterizzazione degli aspetti geologici e geomorfologici relative ai siti maggiormente antropizzati*, University of Molise (Italy), (Prof. Carmen Roskopf).

National Scientific Qualification:

- 2018 - 2024 Associate University Professor in the disciplinary area 04/A3 Geologia Applicata, Geografia Fisica e Geomorfologia (Applied Geology, Physical Geography and Geomorphology)

Invited presentations, wards, grants and other assignments:

- 2022 chairperson, session Fluvial Geomorphology, 10th IAG International Conference on Geomorphology, 12-16 September 2022, Coimbra, Portugal
- 2022 convener, session Fluvial Geomorphology, 10th IAG International Conference on Geomorphology, 12-16 September 2022, Coimbra, Portugal
- 2022 member of the Organizing and Scientific Committee, 2nd Workshops "Women in Geomorphology" organized by the Hellenic Committee for Geomorphology and Environment, 8 March 2022
- 2021 member of the Organizing and Scientific Committee, 1th Workshops "Women in Geomorphology" organized by the Hellenic Committee for Geomorphology and Environment, 8 March 2021
- 2021 Invited keynote speaker: 90° Congresso della Società Geologica Italiana, session S13. Floods (talk: Geomorphic effects of large floods: some examples from Italian river). Trieste, 14-16 September 2021.
- 2020 grant sponsored by the Autonomous Province of Bolzano-Bozen "*Bandi di concorso per la mobilità di ricercatrici e ricercatori (L.P.14)*", founding the project CoupEvent: Hillslopes - Channel coupling during extreme events in South Tyrol (€166,817).
- 2018 Invited speaker: Academic-stakeholder Workshop - I.S. Rivers Conference 2018 - Integrative Sciences and Sustainable Development of Rivers "Challenges in managing Fluvial Systems in Anthropocene innovations in analyzing Rivers Co-evolving with Human Activities" (talk: Historical channel changes of Alpine Rivers: some case study from South Tyrol, Italy). Lyon, 4-8 June 2018.
- 2018 invited speaker at GeoEnviron seminar (talk: Historical Changes in European Rivers), Geoscience Department of the Eberhard Karls, University of Tübingen (Germany). Tübingen, 13 July 2018.
- 2014 grant sponsored by AIGEO

- 2010 award: best oral presentation, 10th edition international summer school Environmental Hazards and sustainable development in mountain regions, Natural hazard Research Centre. Romanian Academy, Institute of Geography (Romania) and National Committee for global environmental change, 25th July 2010, Paterlage, Romania.

Memberships

AIGeo, Italian Association of Physical Geography and Geomorphology

IAG, International Association of Geomorphologists

Editorial Activities:

Reviewer for the following journals: Catena (Elsevier), Earth Surface Processes and Landforms (Wiley), Geografia Fisica e Dinamica Quaternaria, Geomorphology, Global and Planetary Change, Hydrological Sciences Journal, International Journal of River Basin Management, Journal of Hydrology, Journal of Maps, Oxford Bibliographies in Environmental Science, Rendiconti Online della Società Geologia Italiana, River Research and applications, Water.

Teaching appointments:

- 2022 - ongoing, "Physical Geography", Bachelor Degree in Natural Sciences, University of Modena and Reggio Emilia (Italy)
- 2022 - ongoing, "Hydraulic Risk (mod.: Channel dynamic)", Master Degree in Geosciences, Geo Risks and Georesources, University of Modena and Reggio Emilia (Italy)
- 2021 - 2022 "Basics of Geology", Bachelor Degree in Agricultural, Food and Mountain Environmental Sciences, Free University of Bolzano-Bozen (Italy).
- 2020-2021 "Hydromorphology", Master Degree in Civil Engineering for Mitigation of Risk from Natural Hazards, University of Pavia (Italy)
- 2020-2021 "International Regional Studies in Geography" (Interdisziplinäre Regionalstudien I für BA Geographie als Vorbereitung zur Südtirol-Exkursion; Südtirol-Exkursion für BA Geographie), Bachelor Degree in Geography, Alpen- Adria Universität, Klagenfurt (Austria)
- 2019 - 2020 "Advanced Physiogeography" (Vertiefung der Physiogeografie) Bachelor degree in Geography, University of Klagenfurt (Austria), Master Degree in Geography, Alpen- Adria Universität, Klagenfurt (Austria)
- 2017-2019 "Hydromorphology", Master Degree in Civil Engineering for Mitigation of Risk from Natural Hazards, University of Pavia (Italy)
- 2018-2019 "International Regional Studies in Geography" (Interdisziplinäre Regionalstudien I für BA Geographie als Vorbereitung zur Südtirol-Exkursion; Südtirol-Exkursion für BA Geographie), Bachelor Degree in Geography, Alpen- Adria Universität, Klagenfurt (Austria)

Papers

List of papers in Scopus:

<https://www.scopus.com/authid/detail.uri?authorId=54396288900>

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SCOPUS: <https://www.scopus.com/authid/detail.uri?authorId=54396288900>