

CV GRAZIANO ROSSI

Birth date: 06/09/1960

Nationality: Italian

Address: Department of Earth and Environmental Sciences, University of Pavia, Via S. Epifanio, 14, I-27100, Italy

Studies

1985 MSc in Natural Sciences, University of Bologna, Italy

1991 PhD in Geobotany, University of Pavia, Italy

Professional Career

1991 Permanent Researcher, University of Pavia, Italy

2001 Associate Professor of Plant Ecology, University of Pavia, Italy

2014 Full Professor (Scientific Subject BIO/03 – Environmental and Applied Botany), Department of Earth and Environmental Sciences, University of Pavia, Italy

My research focuses on impact of climate change on high mountain flora and vegetation, seed biology and germination ecology of seed plants and conservation of plant diversity in mountain and agro-ecosystems. Research activity is documented by more than 100 papers on international journals (Science, Nature Climate Change, Journal of Biogeography, Journal of Ecology, Annals of Botany, Conservation Biology, Biological Conservation, Biodiversity and Conservation).

Research grants

2001 EU FPV: GLORIA-EUROPE (Grant agreement ID: EVK2-CT-2000-00056): Project Partner

2004 EU FPVI: ENSCONET (Grant agreement ID: 506109): Project Partner

2011 Italian Red List of Vascular plants (funded by MATTM): Project Leader

2011 MATTM Development of National Guidelines for plant translocations: Project Leader

2013 CWR-ITALY Towards a more complete coverage of the diversity of crop wild relatives in ex situ collections.

Funded by Global Crop Diversity Trust: Scientific Responsible for Italy

2013 EU FPVII Marie Curie ITN ID 608775: NASSTEC (The NATive Seed Science, TEchnology and Conservation Initial Training Network): Scientific Responsible for University of Pavia (11 PhD students enrolled in PhD Programme of University of Pavia)

2014 NEXTDATA IGG-CNR, Special project WP1.7 Monitoring ecosystems and biodiversity in alpine region: Scientific Responsible for University of Pavia

2014 LIFE WetFlyAmphibia (LIFE14 NAT/IT/000759): Scientific Responsible for University of Pavia

2015 Alpine Plant Conservation & Research Programme (funded by David and Claudia Harding Foundation), with Millennium Seed Bank, Royal Botanic Gardens, Kew, UK: Scientific Responsible for University of Pavia

2018 eLTER H2020 (Long Term Ecosystem and Socio Ecological Research Infrastructure), EU INFRAIA 2014-2015: Subcontractor of Italian CNR

Scientific responsible/Project coordinator/partner (2010-today)

- VCLR (Produzione di potenziali Varietà da Conservazione ortive ed agrarie Lombarde Registrate; funded by Rural Development Plan of Lombardy Region): Project Leader
- RICOLMA (Ripulimento Caratterizzazione COLtivazione del Mais Antico; funded by RDP of Emilia Romagna Region): Project Partner
- RELIVE-L (Buone pratiche per recupero, coltivazione e valorizzazione di cultivar locali tradizionali lombarde; funded by Rural Development Plan of Lombardy Region): Project Leader

- CORE SAVE (COstituzione di una Rete Regionale per la SALvanguardia del Germoplasma Vegetale tradizionale; funded by Rural Development Plan of Lombardy Region): Project Leader
- CULTIVAR (Individuazione, catalogazione e incremento delle collezioni di risorse genetiche vegetali a rischio di estinzione o erosione genetica di interesse agricolo in Lombardia; funded by Rural Development Plan of Lombardy Region): Project Leader
- RESILIENT (Buone pratiche per la salvaguardia e la coltivazione di varietà locali lombarde tradizionali di patata e mais in aree interne; funded by Rural Development Plan of Lombardy Region): Project Leader
- Biodiversity conservation of useful plants in the Caribbean Islands (Dominican Republic) funded by the Municipality of Milan, Italy: Project Leader
- Biodiversity conservation of wild plants in Himalaya (Nepal) funded by the Municipality of Milan, Italy: Project Leader
- Development of knowledge on plant biodiversity of the Val Grande National Park, Piedmont Region, Italy (funded by the Val Grande National Park)
- Completion of floristic knowledge and coordinated assistance in monitoring the plant species included in the annexes of Directive 92/43 / EEC "Habitat" of the Val Grande National Park (funded by the Val Grande National Park)
- Coordinated assistance in the planning and implementation of monitoring of plant species and Habitats included in the annexes of Directive 92/43 / EEC "Habitat" in the Belluno Dolomites National Park (funded by the Belluno Dolomites National Park)

Relevant roles in scientific academies

2005-2011: Coordinator of Group for Nature Conservation of SBI Italian Botanical Society, in charge of Red listing of the Italian flora, funded by Italian Ministry of Environment (MATTM)

2005-2011: vice-chair of RIBES (Rete Italiana Banche del germoplasma per la conservazione Ex Situ della flora Spontanea italiana) Institutional responsibilities

2013-2019: President of the BSc in Natural Sciences and Technology and of the Master Degree in Natural Sciences University of Pavia, Italy

2013–today: Member of the PhD board, PhD course in Earth and Environmental Sciences, University of Pavia, Italy

2004–2013: Member of the PhD board, PhD course in Geobotany and Experimental Ecology, University of Pavia, Italy

2019-2021: vice-director of Department of Earth and Environmental Sciences, University of Pavia

2021-today: Director of the Department of Earth and Environmental Sciences, University of Pavia

Supervision of graduate students and postdoctoral fellows 6 postdocs, 13 PhD students

I am one of the founding members in 2012 of Flora Conservation, a successful Spin-Off Company of the University of Pavia, working in native plant and seed production for habitat restoration.

Major international collaborations

- Harald Pauli, effects of climate change on alpine summits, GLORIA project, University of Vienna, Austria;
- Hugh W Pritchard, seed germination and ecology, Millennium Seed Bank, Kew Gardens, London UK;
- Sandrine Godefroid, plant translocation and reintroduction, Meise Botanical Garden, Brussels, Belgium;
- Jonas Muller, seed conservation, Paisaia European Landscape Foundation, Jersey, UK
- NAST Nepal Academy of Science and Technology
- Svalbard Seed Vault

Total number of citations and general bibliometric indicators of my whole publication record (as of 24rd November 2022):

ISI WOS: 119 papers, 4552 citations, H-index: 31

Scopus: 157 papers, 5120 citations, H-index: 32