

Graziano Rossi

CURRICULUM VITAE

Date of birth

Nationality: Italian

1991 PhD in Geobotany;

1991 permanent researcher, University of Pavia, Italy.

2001 associate professor of Plant Ecology, University of Pavia.

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

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

2010 SHARE (Stations at High Altitude for Research on the Environment project): responsible of WP on Plant Biodiversity.

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 student enrolled in PhD school of University of Pavia)

2014 NEXTDATA, 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): 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 (2011-today) of several projects funded by Lombardy Region and Emilia-Romagna Region (Italy) on Rural Development Plans (RDP):

- VCLR (Produzione di potenziali Varietà da Conservazione ortive ed agrarie Lombarde Registrate);
- RICOLMA ("Rilcupero Caratterizzazione COLtivazione del Mais Antico), capofila Università Cattolica di Milano
- RELIVE-L (Buone pratiche per recupero, coltivazione e valorizzazione di cultivar locali tradizionali lombarde);
- CORE SAVE (COstituzione di una Rete Regionale per la SALvanguardia del Germoplasma Vegetale tradizionale);
- CULTIVAR (Individuazione, catalogazione e incremento delle collezioni di risorse genetiche vegetali a rischio di estinzione o erosione genetica di interesse agricolo in Lombardia (L. n. 194/2015);
- RESILIENT (Buone pratiche per la salvaguardia e la coltivazione di varietà locali lombarde tradizionali di patata e mais in aree interne)
- CLOVER (Agroecosistemi e Conservazione in LOmbardia di specie VEgetali Rare di Direttiva Habitat)

Scientific responsible/Project coordinator (2010-2013) of two Cooperation and biodiversity conservation projects funded by Municipality of Milan:

- Conservazione della biodiversità di piante utili all'uomo nelle Isole dei Caraibi (Repubblica Dominicana)
- Conservazione della biodiversità vegetale in specie selvatiche in Himalaya (Nepal)

Scientific coordinator (2016-2019) of project funded by Italian National Parks:

- Messa a punto delle conoscenze sulla biodiversità vegetale del Parco Nazionale Val Grande

- Completamento delle conoscenze floristiche e assistenza coordinata al monitoraggio delle specie vegetali inserite negli allegati della direttiva 92/43/CEE "Habitat" del Parco Nazionale Val Grande
- Assistenza coordinata alla pianificazione e realizzazione del monitoraggio delle specie vegetali e degli Habitat inseriti negli allegati della Direttiva 92/43/CEE "Habitat" nel Parco Nazionale Dolomiti Bellunesi

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)

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

Supervision of graduate students and postdoctoral fellows

6 postdocs, 12 PhD students

Institutional responsibilities

2013-2017: President of the Undergraduate Degree in Natural Sciences and Technology and of the Master Degree in Natural Sciences University of Pavia, Italy

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

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

2019-today: vice-director of Department of Earth and Environmental Sciences

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;

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 5th January 2021):

ISI WOS: 95 papers, 3311 citations, H-index: 27

Scopus: 135 papers, 3713 citations, H-index: 28

Pavia, 06/03/2021

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