

Curriculum vitae - Edgardo Giordani

PERSONAL DATA

Family name: Giordani - First name: Edgardo; Date of birth: 11 July 1958 - Place of birth: Buenos Aires (Argentina) - Nationality: Argentine/Italian; ORCID ID: 0000-0003-4253-5030.

EDUCATION

1989. Graduated (M.Sc.) *magna cum laude* in Tropical and Sub Tropical Agriculture at the Faculty of Agriculture and Forestry of the University of Florence discussing the thesis "Shoot tip grafting in citrus: a means to obtain virus free propagation material for the Rio Uruguay cultivation area", carried on at Concordia (Argentina) at the Experimental Research Station of the Instituto Nacional de Tecnologia Agropecuaria.

1994. Ph.D. discussing the thesis "Genetic improvement of Japanese Persimmon (*Diospyros kaki* L.f.) by means of cross-breeding and clonal selection".

WORK EXPERIENCE

1984/1990. Part-time contracted collaborator at the Department of Horticulture of the Faculty of Agriculture and Forestry at the University of Florence.

1994/2015. Researcher at the Department of Horticulture of the Faculty of Agriculture and Forestry at the University of Florence.

1998/2019 Evaluation of H2020 proposals on Genetic resources management and Tropical fruit pests and diseases. Monitoring of H2020 projects. Evaluation of proposals for R&D projects within the FP6 – Quality of life and living resources. Evaluation of proposals in the frame of the 5FP - Quality of life. Evaluation of proposals in the frame of the EC Regulation 1467/94 on The Conservation, characterisation, collection and utilisation of genetic resources in agriculture.

2006/2015 Presentation of the Adaptive research plan for perennial horticulture in Afghanistan. Trainings on germplasm management and definition of adaptive research plan for Afghanistan. Supervision of the indexing laboratory.

CURRENT POSITION

Associated professor of Tree crops at the Department of Agriculture, Food, Forestry and Environmental Science - University of Florence (DAGRI-UNIFI) – Viale delle Idee, 30 – 50019 Sesto Fiorentino (FI) - Italy.

EXPERTISE/ACTIVITIES WITH RELEVANCE FOR THE PROPOSED PROJECT

Teaching. Tropical Tree Crops (MSc in Natural Resources Management for Tropical Rural Development), Genetic resources and fruit value chains (MSc in Agricultural Science) and Fruit quality (MSc in Nutrition Science) at the University of Florence. Tutorship of 30 graduation thesis in Master courses. Member in the commissions of PhD evaluation in Biosistemática ed ecología vegetal - Università di Firenze; Universidad Politécnica di Valencia - Spain; Biología - Universidad Nacional del Sur - Argentina; Universidad Miguel Hernández - Elche. Tutoring of PhD student in the "Dottorato in scienze agrarie e ambientali" - DAGRI - University of Florence.

Research areas. Fruit genetic resources survey, collection, conservation and utilization; fruit tree breeding; nutraceutical properties of underutilised native fruits; *in vitro* tissue culture (micropropagation and germplasm cleaning); cultivation of small berries; waste reuse in agriculture (water and sediments). Database management of the "European Minor Fruit Tree Species Database".

Involvement in research projects

2021 -2024. FOSC ERANET - SECUREFOOD2050. Improving resilience and food security in 2050 climate through soilless precise agricultural techniques and irrigation with wastewater properly treated by innovative technologies to ensure food safety. Partner.

2017 - 2019. IFUND - University of Florence. "Calafate (*Berberis microphylla* G. Forst.) and bilberry from Abetone (*Vaccinium myrtillus* L): healthy fruits from wild shrubs". Coordinator.

2015-2017. LIFE Project ENV/IT/113 – HORTISED - "Demonstration of the suitability of dredged remediated sediments for safe and sustainable horticulture production". Coordinator.

2015-2018. PIF - Regione Toscana. "Valorizzazione di prodotti tradizionali e innovativi della montagna Pistoiese – ValMontTi". Partner.

2016 - 2019. ERANET-MED - EC 7FP – "IRRIGATIO Assessing the chemical/microbiological contamination and productivity in the agricultural production chain of model fruit species grown under irrigation with different kinds of reclaimed wastewater". Partner.

2006 - 2015. EUROPEAID – EC – "Provision of Technical Assistance to the Ministry of Agriculture Animal Husbandry and Food for a Perennial Horticulture project in Afghanistan: the Perennial Horticulture Development Project - PHDP". Scientific advisor.

2014-2016. PRAF - Regione Toscana – "Bilberry: morphologic, genetic and biochemical characteristics associated to clinical properties". Partner.

2004-2016. Ente Cassa Risparmio Pescia e Pistoia – "Bilberry: propagation". Partner.

Organization of meetings

2008. IV International Symposium on Persimmon – IHSH-SOI (Firenze-Faenza-Caserta, 8-13 November). Convener.

2001. First Mediterranean Symposium on Persimmon, Faenza (RA), Italy – November 23-24. Member of the Scientific and Organizing Committees, Organizer of the Pomological Exhibition.

1998. Conservation and utilization of minor fruit tree species in Europe, Florence, Italy, - November 27-28.

PUBLICATIONS

Publications: over 200 papers on scientific and technical magazines, book and proceedings of national and international meetings; co-editor of proceedings of international meetings. Scopus: 110 indexed papers; H-index 21.

In faith

Edgardo Giordani

