

Federico Preti

Professore ordinario di idraulica agraria e Sistemazioni Idraulico-Forestali (AGR08)

Università degli Studi di Firenze, Scuola di Agraria, Dipartimento di Gestione Sostenibile delle Risorse Agrarie, Alimentari e Forestali (GESAAF)

Vice presidente della Scuola di Agraria UniFi

Vice presidente della Prima Sezione Associazione Italiana Ingegneria Agraria (AIIA)

Presidente dell'associazione Manitese – Firenze ONLUS, responsabile progetti di cooperazione in LatinoAmerica

Ingegnere Civile Idraulico, iscritto all'Albo

Socio esperto AIPIN, Associazione Italiana per l'Ingegneria Naturalistica

**Esperienze internazionali: Burundi, Colombia, Ecuador, Guatemala, Italia, Nicaragua, Uganda
Consulente World Bank**

Campo di ricerca: agro-forestry e idraulica ambientale, in particolare processi di ruscellamento e trasporto di sedimenti a scala di bacino, emissioni inquinanti diffuse, vulnerabilità delle risorse idriche, trasporto di inquinanti nei suoli, analisi della qualità fluviale, trasformazione afflussi-deflussi, gestione delle risorse idriche, irrigazione, rischio idraulico, criteri per la progettazione di opere di ingegneria naturalistica per la gestione del territorio e stabilizzazione dei versanti.

Numero di pubblicazioni scientifiche: c.a. 300 di cui ISI: oltre 37, H-index 15

ENGLISH

12/2015–present: Full professor at the Florence University, GESAAF Department Division of Agro-Forestry and Biosystems Engineering, of Watershed management, Soil slope and torrent stabilization, Soil and Water Bioengineering. Deputy dean of the School of Agriculture, Florence University, Vice president I Section Italian Association of Agriculture Engineering . He also teaches at the GRSFA Doctoral school, and at the Master degree courses in Hydraulic, Defense of the Environment and Territorial Maintenance (as coordinator), Geoengineering hold at the University of Florence

03/2003-12/2015: Associate Professor, Florence University

03/2000-03/2003: Associate Professor, Tuscia University

10/1995-03/2000: Researcher, Tuscia University

01/1992-10/1995: Manager of the Territory & Environment Laboratory, PIN-Centro Studi Ingegneria, Florence University

06/1990-05/1995: PhD and Post Doc fellowships at Florence University

01/1990-01/1992: Mani Tese NGO Latinoamerica projects manager

10/1990-08/1992 Florence University, Italy

PhD, Environmental Monitoring Methods and Technologies. Environmental Hydrology

11/1982-03/1989 Florence University, Italy, Honors degree, M.Sc. (cum laude), Civil Engineering, Hydraulics, Environmental Hydraulics

Scientific activity

His fields of research (more than 300 publications n° Scopus-WoS-Google Scholar products: 40 (5 accepted or in press), Total number citations > 500; H-index = 13) are: agro-forestry and environmental hydraulics, mainly, processes of runoff (discharge) and transport at watershed scale, non-point pollution sources, vulnerability of soils and water bodies, transport and treatment of pollutants in natural soils, analysis of river quality, analysis of water demand and consumption and management of water resources, irrigation, rainfall-runoff and flood processes, hydraulic risk, criteria for the planning of soil slope and torrent stabilization bio-engineering (he is an expert member of the AIPIN – Italian Association for Soil Bio-engineering and scientific coordinator and co-author of the manuals of Regione Toscana and Regione Lazio).

Some international activities

He is currently president of the association ONLUS MANITESE-Firenze since 1996, he has also been president of AUCS (University Association for Cooperation and Development), having long been involved in projects related to main themes concerning with cooperation and sustainable development (main countries of operation, in alphabetical order: Burundi, Colombia, Ecuador, Guatemala, Italy, Nicaragua, Uganda).