

PERSONAL INFORMATION

Fabio Terribile



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- Scopus (Scopus Author Identifier): 55996040400

Sex Male | *Date of birth* 02/11/1962 | *Nationality* Italian

WORK EXPERIENCE

Occupation or position held

- 2002- to today: Univ. Napoli Federico II Full Professor AGR14-Pedologia
- 2018- today: President of the Soil Morphology and Micromorphology Commission of the International Union of Soil Sciences
- 2014- 2021: Director of Interdepartmental Research Centre of Università di Napoli Federico II on the "Earth Critical Zone" for supporting the Landscape and Agroenvironment management- CRISP.
- 2013-2016: AISSA Working Group Coordinator for the Proposal for a Framework Law on Sustainable Protection and Sustainable Management of the Soil (ddl 1181)
- 2013: Team leader of a FAO research contract (Deputy Director) "Evaluation and Assessment of FAO Tools for Planning of the Use and Management of Natural Resources by Agriculture at the National, Regional and Global Scales".
- 2009-2015: President of the Italian Society of Pedology – SIPE (elective office). Since 2016 he has played Past-President role.
- 2014-2016: Member of the Presidency of the Italian Association of Scientific Agricultural Societies (AISSA)
- 1998-2002: Univ. Napoli Federico II Associate Professor AGR14-Pedologia.
- 1990-1998: research scientists at CNR ISAFOM, Ercolano (lead Soil Microscopy lab and soil survey activities)

EDUCATION AND TRAINING

Replace with dates (from - to)

qualification awarded

- Doctor of Philosophy (PhD) in Soil Science at University of Aberdeen (UK) (1996).
- University Degree in Scienze Agrarie (110 e lode) at Facoltà di Scienze Agrarie, dell'Università di Napoli (1987)
- list of principal subjects covered or skills acquired: pedology, micropedology, soil science, Earth Observation and GIS, Geospatial Decision Support Systems, Land Degradation assessment

WORK ACTIVITIES

Projects

Selection of projects that the nominee has coordinated

• 2018-2022: Coordinator EU Horizon 2020 project, RUR 2017-2, id. N. 774234 "Development of integrated Land Decision Support System Aiming Towards the Implementation of Policies for Agriculture and Environment (LANDSUPPORT)".

2014-2017: Coordinator of the research project "Soil Monitor: an innovative web tool for assessing land use on a national scale" in collaboration with CNR, ISPRA and INU (Official presentation of the platform at Palazzo Madama, Rome on 28th June 2016)

2010-2014: Project Manager for EU LIFE+ project "Multifunctional soil conservation and land management through the development of a web-based spatial decision Supporting System" (LIFE08 ENV/IT/000408)

2003-2009 Leader of a research agreement with Campania Region SeSIRCA "Developing methodologies for

quantifying the soil vulnerability to nitrate pollution from agricultural sources in two areas of the Campania region" and of the Centre CIVSA

2006 - 2007 Responsible for the Convention with Calabria Region - ARSSA "to study the vulnerability of soils to pollution by nitrates from agricultural sources"

2001-2007: National Coordinator of 3 projects Cofin 2001, Cofin 2003, Cofin 2005 financed by the Ministry of Research (MIUR) on "Soil Spatial Variability". Such project is in collaboration with the University of Milan, Turin, Palermo, Florence, Cagliari, National Research Council CNR ISAFoM (Naples) and the Agronomic Experimental Institute (IAM) of Bari.

2000-2005: Scientific responsible of the Operating Unit 1.2 line 1 of National Research Council CNR G.N.D.C.I. (National research group on Hydrogeological disaster) for "studying the influence of soil studies for the improvement of the floods forecast and landslide. Applications to national scale and scale of river basin".

2002-2005: Italian scientific responsible of the Working Group "Soil Aggregation and Water Binding" in the framework of the EU Action Cost 622 on " Soil Resources of European Volcanic Systems".

1999-2000 Coordinator of soil science research activities within the Operating Unit 4.21N of the National Research Council CNR G.N.D.C.I. for the study of the properties of volcanic soils predisposing to the dramatic events of Quindici and Sarno (May 1998).

Main Scientific achievement

Scientific achievements by Fabio Terribile had two facets:

- in-depth focused research on key issues (soil micromorphology, clay mineralogy, andosolization) where he produced a strong impact on the soil science community but also
- a focus on the transdisciplinary nature of soils (e.g. applications in hydrology, modelling, viticulture, climate) where he produced an impact to the society.

Most notably, these research activities merged into two key domains: (i) transform the soil knowledge into a web based and free operational systems for taking informed decisions (SDSS) on soil and land sustainable planning and management and (ii) soil policy legislation

Relevant awards

The LANDSUPPORT Horizon 2020 project – coordinated by the applicant - has been awarded as "success story" by the European Commission (<https://ec.europa.eu/research-and-innovation/en/projects/success-stories/all/helping-land-managers-make-sense-remote-sensing-data>)

He has resulted as Global winner of Falling Wall 2022 (<https://falling-walls.com/people/fabio-terribile/>)

Editorial activity

He is/has been Associate Editor, Guest Editors of 5 peer journals

Additional Working activities

2013: Leader of a Soil framework law (ddl 1181) proposal at the Italian Senate produced by all Italian Agriculture Scientific Associations (AISSA) recognised by the Italian Ministry of Research.

2013, 2015: he has been audited two times at the Environmental and Agriculture Commission of the Italian Senate.

2014: Leader of the European petition (<http://www.proteggiamoilsuolo.it/signs.html>) : Protect European soils, open a new way to a European Soil Directive signed by over 1400 European soil scientists and implemented and approved by the Italian Parliament (2014)

From 2002 to today: Convenor at the world conferences on Soil Science (World Congress of Soil Science-Bangkok; World Congress of Soil Science-Philadelphia, Congress Glasgow). Convenor of many other international conferences (EGU, Geoitalia, IWMSM) and national (SISS, SIPE).

Referee CIVR (2005), ASN, VQR of the Italian Ministry of University and Research (MIUR)

Reviewer FP7 EU projects

1998-2022: Component of (i) Consiglio Direttivo of the Italian Society of Pedology (SIPE); (ii) Working Group "World Reference Base" coordinated by FAO; (iii) Working group "Digital Soil Mapping" coordinated by Institute for Environment and Sustainability, European Commission, Joint Research Centre; Ispra; (iv) Scientific Committee for Pedology of Regione Campania (Agriculture Assessorate).

1998-2018: President of High Physical Soil Formation Association (AFFiS); : vice president (2nd Vice Chairperson; elections Moscow 1996 and Gent 2001) of the International Commission of Soil Micromorphology (Subcommission B) of the International Union of Soil Science for years 1996-2002