

GIUSEPPE FENU

Curriculum Vitae e scientifico

Degree in Natural Sciences (2001) and PhD in Environmental and Applied Botany (2009) at the University of Cagliari (Italy). He was research fellow in Environmental and Applied Botany at the University of Cagliari (2009-2014) and, then, at “Sapienza” University of Rome (2014-2016). He was temporary researcher in Plant Diversity (Systematic Botany, BIO/02) at the Department of Life and Environmental Sciences of the University of Cagliari (2016-2019) and, currently, it is Associate Professor in Systematic Botany (SSD BIO/02 – BIOS-01/B - Botanica sistematica).at the same institution.

From 2018, he is member of the board of the PhD programme ‘*Earth and Environmental Sciences and Technologies*’ at the University of Cagliari.

Since 2014, he has held various positions of responsibility in the Italian Botanical Society (SBI); first as secretary (2014-2017) and then as coordinator (2017-2022) of the Working Group for the Conservation of Nature. He also participates as an expert in various specialist networks dedicated to the conservation of threatened flora such as the “*Species Survival Commission – Mediterranean Specialist Group*” and the “*SSC-Reintroduction Specialist Group*” of the IUCN, the “*International Translocation Network*” and the “*International Tree Mortality Network*”.

The main scientific interests focus on the flora in the Mediterranean area with the analysis of the ecological and distributive patterns of endemic species and those of conservation interest in relation to the main environmental and anthropogenic drivers, the conservation biology studies on the flora at risk of extinction with analysis of population dynamics and evaluation of the conservation status through the application of the main international protocols and identification of effective conservation measures, the monitoring of species and habitats of conservation interest and, more recently, studies of fire ecology with analysis of the recovery processes of the Mediterranean flora and vegetation.

He is currently Subject Editor of *PeerJ*, *Plants* and *Italian Botanist*, and was Subject Editor of *Plant Biosystems* (2017-2023) and *Informatore Botanico Italiano* (2013-2015). He has also been Guest Editor of *Frontiers in Ecology and Evolution*, *Plants* and *Plant Sociology*.

He has published more than 200 scientific papers, most of them in international peer-reviewed indexed journals, with a Hirsch factor of 35 and 4700 citations (April 2025); he has collaborated in the drafting of 7 scientific volumes and acts as a reviewer for over 20 indexed scientific journals specialized in the fields of ecology and biodiversity conservation.

The complete list of indexed publications is available at the following link:

<https://www.scopus.com/authid/detail.uri?authorId=58125084700&origin=AuthorEval>

Since 2004 he has participated in numerous national and international projects aimed at the conservation of plant diversity. In particular, he was the scientific coordinator of the international project “*CareMediflora - Conservation Action for Threatened Mediterranean Island Flora: ex situ and in situ joint actions*” and coordinator of two national projects aimed at the implementation of the Habitats Directive and related reporting activities. He participated in the national coordination group for the drafting of the “*New Italian Red List of Vascular Flora*” and was PI of the research project “*Effects of climate environmental shifts on species, communities and ecosystems*” funded by the Fondazione di Sardegna.

Currently, he is the scientific responsible of the collaboration Agreement between the Department of Life and Environmental Sciences of the University of Cagliari and the Forestas Agency for the assessment of the effects of fires on vegetation cover and post-fire recovery patterns in the Montiferru-Planargia Forest Complex and the coordinator of the research unit of the project PRIN “*Community Functional Structure effects on Mediterranean Ecosystem Functions. Assessing the relative role of woody community functional components and their interactions with ecological factors including disturbance*”.

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