

Curriculum vitae



PERSONAL INFORMATION

Family name, First name: Manfra Loredana

Date of birth: 23/02/1978

Nationality: Italian

Researcher unique identifier(s): <https://orcid.org/0000-0003-1111-7872>

URL for web site: https://www.researchgate.net/profile/Loredana_Manfra

H index 20 (scopus), 24 (google scholar)

EDUCATION

2018-2029 National Scientific qualification as associate in the Italian higher education system, in the call 2016/2018 (Ministerial Decree n. 1532/2016) for the disciplinary field of 05/C1 - Ecology. (Academic Recruitment Field 05/C - Ecology, according to the national classification).

2008-2009 Master's in environmental Pollutants Toxicological Risk, University of Pavia (Italy).

2005-2007 PhD in Marine Sciences and Engineering, University of Naples Federico II (Italy)

1997-2001 Degree in Marine Environmental Sciences full marks with honour, University of Naples Parthenope (Italy)

POSITION

2009-present Senior Researcher, Department of marine environmental monitoring and biodiversity conservation, Institute for Environmental Protection and Research (ISPRA, Rome, Italy)

2016-present Research Associate, Department of Biology and Evolution of Marine Organisms (2016-2018), Marine Biotechnology Department (2019-present), Zoological Station Anton Dohrn (SZN, Naples, Italy)

FELLOWSHIPS OF THE LAST 10 YEARS

2023-2024 Member of the Taskforce among APRE, ENEA, ISPRA, CNR IBE, UniTelma Sapienza, Resoil Foundation, I.C. Guicciardini di Roma "Circular bioeconomy educational path for the new generation SLEs Collaboration Agreement APRE-ISPRA per PR HORIZON EUROPE STE(A)M LEARNING ECOLOGIES (SLES)".

2021 Member of the Task-force ADRION Transnational Data Network

2017-present Member of the Taskforce for Marine Strategy Framework - Group 8: contaminants concentrations

2015-present Member of the Academic Scientific Board for Animal Welfare, ISPRA

2014-2016 Research Fellow, Institute for the Coastal Marine Environment, National Research Council (CNR, Taranto, Italy)

PLACEMENTS AT LABORATORIES

2021-present Laboratory of Marine Biotechnology (SZN, Naples, Italy)

2009-present Laboratory of Marine Ecotoxicology (ISPRA, Rome, Italy)

2016-2020 Laboratory of Physiology and Reproductive Toxicity (SZN, Naples, Italy)

2002-2008 Department of Ecology, Prof. A. Accornero, University Parthenope of Naples, Italy.

LEADER FOR THE PROJECTS OF THE LAST 10 YEARS

-Co-Leader for the Collaboration Agreement with APRE for project STE(A)M Learning Ecologies European Commission (GA 101094648) 2023-2024

-Leader for the Project CHARM New Approach Methodologies for the next generation environmental

risk assessment (European Food Risk Assessment) Fellowship Programme (EUBA-EFSA-2023-ENREL-01) 2024-2025

-Leader for the Project BIOPLAST4SAFE Biomonitoring of biodegradable micro and nanoplastics: from the environment to humans in a one health perspective Italian Ministry of Health, 2023-2026

-Co-Leader for the Project “ANTINOMIA”: ANalysis of single and combined toxicity of TItanium dioxide nanoParticles and cadMIum chloride on sea bAss (*Dicentrarchus labrax*). Italian Ministry of Health, (2017-2020)

-Leader for the Project “DISPERSANT”: DISPERSANT approval procedures in France and Italy: an ecotoxicological comparative study. RAMOGE Executive Secretariat Monaco (2018-2019)

-Co-Leader for for the Project “HARMONIA”: HARMOnization and Networking for contaminant assessment in the Ionian and Adriatic seas. Adriatic-Ionian Programme INTERREG V-B Transnational 2014-2020 (2018-2019)

-Co-Leader for for the Project “ASTRA1”: Monitoring of environmental impacts of produced water discharged into the sea or rejected into the geological reservoirs – Phase I” ENI spa (2017-to date)

-Co-Leader for for the Project “ASTRA2”: Monitoring of environmental impacts of produced water discharged into the sea or rejected into the geological reservoirs – Phase II” ENI spa (2017-to date)

-Leader for the Project “GLYCOL”: Ecotoxicity and risk assessment of the oil production chemical GLYCOL. ENI spa (2013-2014)

PARTICIPATION - AS TEAM MEMBER - IN RESEARCH PROJECTS OF THE LAST 10 YEARS

-Team member of the Project DECOUPlages IEV CT ITALIE TUNISIE 2019-2023

-Team member of the Project BARGAIN Regione Lazio 2018-2020

-Team member of the Project NBTE NanoBioTech Ambientee salute: strumenti e metodi per il monitoraggio ecotossicologico delle nanoparticelle” Regione Lazio 2015-2017

-Team member of the Project NanoPANTA “Nano-Polymers in the Antarctic mariNe EnvironmenT and biotA Programma Nazionale di Ricerca in Antartide - PNRA

-Team member of the Project “Monitoring of a GNL Terminal and the sealine of connection to the mainland” EDISON SPA (2005-2017)

-Team member of the Project “NanoBioTech Environment: tools and methods for ecotoxicological characterization of nanoparticles” University of Rome Tor Vergata (2015-2017)

-Team member of the Project “Dispersant approval procedures” CEDRE (CEntre of Documentation, Research and Experimentation on accidental water pollution) and RAMOGE Executive Secretariat Monaco (2016)

Team member of the Project “Anthropic impacts on coastal systems: multiparametric monitoring methodologies and contaminated sediment remediation” TA.P.05.016 CNR-IAMC (Taranto, Italy) (2014-2016)

Team member of the Project "Environmental monitoring of the impacts into the sea due to the high-voltage direct current power transmission system that connects Sardinia with the Italian mainland" TERNA SPA (2007-2013)

PROFESSIONAL SKILLS

My experience from 2002 to today has diversified into institutional activities, research activities and extra-institutional activities, including training and teaching activities, supervision of students, activities of speaker at conferences and reviewer’s activity. I have always aspired to achieve the established objectives, supporting each work path with adequate training and trying to establish, for each activity pursued, a network of scientific cooperation relationships at a national and/or international level. Each set objective was accompanied by the achievement of the expected result, always aiming to valorise the data in scientometric terms. The professional skills and competences have been developed mainly in the context of national and international research projects on the issues of chemical contamination, the impacts of anthropic activities on the marine ecosystem, the effects

induced on the biota, the problem of emerging contaminants such as plastics and nanomaterials, suitable management of sea-beach-dunes ecosystems. I have acquired skills in chemical contamination investigation methodologies, remediation/bioremediation techniques in case of accidental contamination, classic and alternative methods for evaluating marine ecotoxicity, multidisciplinary approaches to environmental monitoring, prevention and mitigation of impacts. I have also carried out institutional activities for the implementation of Community Directives such as the Water Framework Directive, the Strategy for the Marine Environment and the Barcelona Convention in relation to the definition of the quality status of marine environments.

Autorizzo l'ISS e l'Associazione NanoInnovation al trattamento dei miei dati personali e la loro conservazione ai fini organizzativi e amministrativi, secondo quanto previsto dal Regolamento UE 2016/679

July 19th 2024

Firma
Loredana Manfra