

EUROPEAN
CURRICULUM VITAE
FORMAT



PERSONAL INFORMATION

Name **MARCO FAIMALI**

Address **NATIONAL RESEARCH COUNCIL – INSTITUTE FOR THE STUDY OF ANTHROPIC IMPACTS AND SUSTAINABILITY IN THE MARINE ENVIRONMENT (CNR-IAS)**

Telephone _____ Mobile _____

SCOPUS links _____

Other link _____

E-mail _____

Nationality _____

Date of Birth _____

Gender _____

WORK EXPERIENCE

- Dates (from - to) April 2020 - today
- Name and address of the employer National Research Council – Institute for the Study of Anthropic Impacts and Sustainability in the Marine Environment (CNR-IAS)
 - Type of business or sector
 - Occupation or position held **Director**
 - Main activities and responsibilities
- Dates (from - to) From February 2020
- Name and address of the employer National Research Council – Institute for the Study of Anthropic Impacts and Sustainability in the Marine Environment (CNR-IAS)
 - Type of business or sector
 - Occupation or position held **Senior Researcher – Ecology (BIO/07)**
 - Main activities and responsibilities
- Dates (from - to) February 2009 –February 2020
- Name and address of the employer National Research Council – Institute for the Study of Anthropic Impacts and Sustainability in the Marine Environment (CNR-IAS)
 - Type of business or sector
 - Occupation or position held **Researcher – Ecology (BIO/07)**
 - Main activities and responsibilities
- Dates (from - to) February 2004 –February 2009
- Name and address of the employer National Research Council – Institute of Marine Sciences (CNR-ISMAR)
 - Type of business or sector
 - Occupation or position held **Researcher (temporary position) – Ecology (BIO/07)**
 - Main activities and responsibilities
- Dates (from - to) January 1995 –January 2004
- Name and address of the employer National Research Council
 - Type of business or sector

- Occupation or position held
- Main activities and responsibilities

EDUCATION AND TRAINING

- Dates (from - to)
- Name and type of organisation providing education and training
- Principal subjects/occupational skills covered
- Title of qualification awarded

- Dates (from - to)
- Name and type of organisation providing education and training
- Principal subjects/occupational skills covered
- Title of qualification awarded

PERSONAL SKILLS AND COMPETENCES

MOTHER TONGUE
OTHER LANGUAGES

SCIENTIFIC SKILLS AND COMPETENCES

Living and working with other people, in multicultural environments, in positions where communication is important and situations where teamwork is essential (for example culture and sports), etc.

RELEVANT ROLES AND COMPETENCES

Coordination and administration of people, projects and budgets; at work, in voluntary work (for example culture and sports) and at home, etc.

Research fellowships and temporary contracts

2000 – 2003

Università degli Studi di Genova (Italy)

Study of the larval stages of marine invertebrates as alternative biological models in behavioural ecotoxicological bioassays

Doctorate in Marine Environmental Sciences

1988 – 1992

Università degli Studi di Genova (Italy)

Pollution in freshwater teleosts through the analysis of microsomal enzymes

Graduate in Natural Sciences

ITALIAN

ENGLISH, FRENCH

- Research interests (5 Key words): ecotoxicology, biofouling, environmental monitoring, marine technologies, environmental impact
- Author of more than 100 publications on Scientific Journals.
- Professor of "Marine Ecotoxicology" at University of Genoa (Italy) since 2018
- Organization and Communication at national and international congresses (more than 150 communications).
- Supervisor of more than 20 theses (three-year, specialist and master's); guiding teacher and co-rapporteur of more than 25 National and International doctoral theses
- Director of the Institute for the study of Anthropic impacts and Sustainability in marine environment of the National Research Council (CNR-IAS), consisting of about 100 people and several students and graduate researchers.
- Head of CNR-IAS Genoa Unit from 2015 to 2020 dedicated to effects of anthropogenic impacts on the marine environment.
- Head of "Ecotoxicology and Environmental monitoring" (ECOTOX) Research Group at CNR-IAS from 2004 to 2015, performing research on marine ecotoxicology;
- Participation in 37 national and International projects.
- Project or Task leader of 16 national and international projects. The most important ones in the last 5 years:
 - 2020-2023 JPI Oceans RESPONSE "Toward a risk-based assessment of MP pollution in marine ecosystem". Funding body: EU Commission. Role: Task leader
 - 2021-2023 Research Project of National Interest EMME "Exploring the fate of Mediterranean microplastics: from distribution pathways to biological effects". Role: Research Unit Coordinator.
 - 2017-2022: EU H2020 CLAIM "Cleaning Litter by developing and Applying Innovative Methods in European seas". Funding body: EU Commission. Role: WP leader.
 - 2017-2020: EU H2020 DUPLEXWASTE "Lean Duplex Stainless Steel for Urban and Industrial Waste Water". Funding body: EU Commission. Role: Task leader.
 - 2016-2019 JPI Oceans EPHEMARE "Ecotoxicological effects of microplastics in marine ecosystems". Funding body: EU Commission. Role: Participant.
- Coordinator of more than 30 industrial research contracts.
- CNR referent for MATTM (Ministry for Environment, Land and Sea Protection) in the Technical Table "Expert Observatory" for the analysis and optimization of scientific aspects related to D.M. 173/2016 (D.D. PNM n. 19983 - 07/08/2019).

- CNR referent for MATTM (Ministry for Environment, Land and Sea Protection) in the Technical Table "Protection of the environment and the sea" for a monitoring plan for seawater discharges related to DL. 152/2006 (CNR protocol n. 0013487/2017) since 2017.
- Member of the European Marine Board Communication Panel (EMBCP), a pan European platform to promote European Marine Board activities since 2018.

PUBLICATION INDEXES (SCOPUS)

- NUMBER OF PUBLICATIONS: 109
- TOTAL NUMBER OF CITATIONS: 2668
- H-INDEX: 43

10 MOST RELEVANT PUBLICATIONS In the last 10 years.

1. Piazza V, Uheida A, Gambardella C, Garaventa F, Faimali M, Dutta J. (2022) Ecosafety Screening of Photo-Fenton Process for the Degradation of Microplastics in Water. *Frontiers in Marine Sciences*. Doi: 10.3389/fmars.2021.791431.
2. Gambardella C, Leggio O, Montarsolo A, Covazzi Harriague A, Del Core M, Faimali M, Garaventa F. (2022). An Integrated Approach to Characterize Deep Sediment Toxicity in Genoa Submarine Canyons (NW Mediterranean). *Environment Science and Pollution Research*, 29, 2883-2893.
3. Prousis KC, Kikionis S, Ioannou E, Morgana S, Faimali M, Piazza V, Calogieropoloulou T, Roussis V (2021). Synthesis and Antifouling Activity Evaluation of Analogs of Bromosphaerol, a Brominated Diterpene Isolated from the Red Alga *Sphaerococcus coronopifolius*. *Marine Drugs*, 20(1), 7.
4. Cormier B, Gambardella C, Tato T, Pedriat Q, Costa E, Veclin C, Le Bihanic F, Grassl B, Dubocq F, Karman A, Van Arkel K, Lemoine S, Lagarde F, Morin B, Garaventa F, Faimali M, Cousin X, Begout M-L, Beiras R, Cachot J. (2021). Chemical sorbed to environmental microplastics are toxic to early life stages of aquatic organisms. *Ecotoxicology and Environmental Safety*, 208, 111665.
5. Costa E, Gambardella C, Piazza V, Vassalli M, Sbrana F, Lavorano S, Garaventa F, Faimali M. (2020). Microplastics ingestion in the ephyra stage of *Aurelia* sp. triggers acute and behavioural responses. *Ecotoxicology and Environmental Safety* 189, 109983.
6. Gambardella C, Piazza V, Albentosa M, Bebianno MJ, Cardoso C, Faimali M, Garaventa F, Garrido S, Gonzalez S, Perez S, Sendra M, Beiras R. (2019). Microplastics do not affect standard ecotoxicological endpoints in marine unicellular organisms. *Marine Pollution Bulletin* 143, 140-143.
7. Morgana S, Ghigliotti L, Estévez-Calvar N, Stifanese R, Wieckzorek A, Doyle T, Christiansen JS, Faimali M, Garaventa F. (2018). Microplastics in the Arctic: a case study with sub-surface water and fish samples of Northeast Greenland. *Environmental Pollution*, 242, 1078-1086.
8. Beiras R, Bellas J, Cachot J, Courmier B, Cousin X, Engwall M, Gambardella C, Garaventa F, Keiter S, Le Bihanic F, Lopez-Ibanez S, Piazza V, Rial D, Tato T, Vidal-Linan L. (2018). Ingestion and contact with polyethylene microplastics does not cause acute toxicity on marine zooplankton. *Journal of Hazardous Materials* 360, 452-460.
9. Gambardella C., Morgana S., Ferrando S., Bramini M., Piazza V., Costa E., Garaventa F., Faimali M. (2017). Effects of polystyrene microbeads in marine planktonic crustaceans. *Ecotoxicology and Environmental Research*, 145, 250-257
10. Piazza V, Gambardella C, Garaventa F, Canepa S, Costa E, Faimali M. (2016). Temperature and salinity effect on cadmium toxicity on lethal and sublethal responses of nauplii of *Amphibalanus amphitrite*. *Ecotoxicology and Environmental Safety*, 123, 8-17.

PATENTS

- 2 Patents: Nr. Mi2005a000534 of 31.03.2005; Nr. TO2008A000274 of 09.04.2008.

According to law 679/2016 of the Regulation of the European Parliament of 27th April 2016, I hereby express my consent to process and use my data provided in this CV

Genova, 12.02.2024

Signature



