CURRICULUM VITAE

PERSONAL INFORMATION

Name	**CRISTINA MISIC**
Address	**UNIVERSITA' DEGLI STUDI DI GENOVA** **DIPARTIMENTO DI SCIENZE DELLA TERRA, DELL'AMBIENTE E DELLA VITA – C.SO EUROPA 26, 16132 GENOVA (ITALY)**
SCOPUS links	https://www.scopus.com/authid/detail.uri?authorId=6602553776
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E-mail	**Cristina.misic@unige.it**

WORK EXPERIENCE

• Dates (from - to)	December 2015 - today
• Name and address of the employer	Università degli Studi di Genova – Dipartimento di Scienza della Terra, dell'Ambiente e della Vita C.so Europa 26 16132 Genova (Italy)
• Type of business or sector	
• Occupation or position held	**Associate professor – Ecology (BIO/07)**
• Main activities and responsibilities	Teaching and research

• Dates (from - to)	September 2000 – December 2015
• Name and address of the employer	Università degli Studi di Genova – Dipartimento per lo Studio del Territorio e delle sue Risorse C.so Europa 26 16132 Genova (Italy)
• Type of business or sector	
• Occupation or position held	**Researcher – Ecology (BIO/07)**
• Main activities and responsibilities	Teaching and research

EDUCATION AND TRAINING

• Dates (from - to)	1996-1998
• Name and type of organisation providing education and training	Università degli Studi di Genova – CoNISMa
• Principal subjects/occupational skills covered	Study of the dynamics and composition of suspended matter in the Adriatic Sea
• Title of qualification awarded	**Post Doc** (grant by Consorzio Interuniversitario per le Scienze del Mare)

• Dates (from - to)	1992 – 1996
• Name and type of organisation providing education and training	Università degli Studi di Genova
• Principal subjects/occupational skills covered	Study of the organic matter degradation and recycling in marine systems: focus on hydrolytic enzymatic activities and organic detritus in water column and sediment
• Title of qualification awarded	**Doctorate in Environmental Sciences (Marine Science)**

• Dates (from - to)	November 1987 – July 1991
• Name and type of organisation providing education and training	Università degli Studi di Genova
• Principal subjects/occupational skills covered	Experimental degree thesis aimed at studying the organic matter fluxes in the marine environment of the Southern Ocean
• Title of qualification awarded	**Graduate in Biology**

PERSONAL SKILLS AND COMPETENCES

MOTHER TONGUE **ITALIAN**

OTHER LANGUAGES **ENGLISH**

SCIENTIFIC SKILLS AND COMPETENCES

- Research interests (5 Key words): biogeochemical cycles, pelagic-benthic coupling, trophodynamic, organic matter degradation, plastic pollution.
- Author of several publication on Scientific Journals (67 Scholar – 51 Scopus)
- Lecturer of academic courses or modules since 1994 (i.e. Ecology, Applied Ecology, Antarctic Ecology, Biological Oceanography).
- Communication at national and international congresses
- Supervisor of university theses (three-year, specialist and master's)
- Reviewer for several scientific journals (Marine Pollution Bulletin, Microbial Ecology, Estuarine, Coastal and Shelf Science, MDPI, Marine Environmental Research, ecc.)

RELEVANT ROLES AND COMPETENCES

- Participant and responsible of Research Unit in national and international programmes such as:
  - Progetto di Ricerca di Interesse Nazionale (PRIN). Tyrrheanian Seamounts ecosystems: an Integrated Study (TySEc)
  - National Programme of Research in Antarctica (PNRA) "RoME – Ross Sea Mesoscale Experiment" PNRA 2013/AN2.04
  - National Project MIUR "Sviluppo di tecnologie e software per una Rete Integrata previsionale Mediterranea per la gestione dell'Ambiente marino e costiero – RIMA"
  - Project Life+ "Arion - System for Coastal Dolphin Conservation in the Ligurian Sea".
  - Progetto EU "SCHeMA - Integrated in situ chemical mapping probes, project n° 614002 FP7-OCEAN-2013.
  - National Programme of Research in Antarctica (PNRA) " Plankton biodiversity and functioning of the Ross Sea ecosystems in a changing Southern Ocean" PNRA16_00239
  - Valutazione dello stato di sfruttamento e creazione di una forma aggregativa per i pescatori del Pesce Azzurro - Attività prevista dal FLAG LEVANTE LIGURE (Gruppo di Azione Locale nel Settore della pesca). Fondo Europeo per gli Affari Marittimi e la pesca (FEAMP 2014-2020) Priorità 4 FLAG Levante Ligure. Codice Progetto 03/FL/2016/LI - Misura 1.B.2C.U.P. I95B18000370009 – C.I.G. 75985097FC
  - SPlasH&CO (Prolongation of the EU Interreg Italy-France Maritime
  - Convenzione di ricerca tra DISTAV e Autorità di Sistema Portuale del Mar Ligure occidentale – Porto di Genova per ricerca e monitoraggio dei lavori relativi al dragaggio del Porto di Genova e della nuova Diga foranea.
  - PNRR – National Biodiversity Future Centre - Spoke 2, Activity 2 Restore biodiversity and ecosystems.
- Coordinator of the programme "Science and technology for sustainability" for the "Scuola Superiore Ianua" of the University of Genova

PUBLICATION INDEXES (SCOPUS)

- NUMBER OF PUBLICATIONS: 51
- TOTAL NUMBER OF CITATIONS: 950
- H-INDEX: 18

10 MOST RELEVANT PUBLICATIONS

In the last years.

1. Misic, C., Capone, A., Petrillo, M. Meteorological and climatic variability influences anthropogenic microparticle content in the stomach of the European anchovy *Engraulis encrasicolus*. Hydrobiologia, 2022, 849, 589-602.
2. Misic, C., Biti, A., Covazzi Harriague, A. Organic matter production and recycling in marine biofilm developing on common and new plastics. Marine Environmental Research, 2022, 180: 105729.
3. Capone, A., Petrillo, M., Misic, C. Ingestion and elimination of anthropogenic fibres and microplastic fragments by the European anchovy (*Engraulis encrasicolus*) of the NW Mediterranean Sea. Marine Biology, 2020, 167(11), 166
4. Zaccone, R., Misic, C., Azzaro, F., ...Rappazzo, A.C., Ferla, R.L. Regulation of microbial activity rates by organic matter in the ross sea during the austral summer 2017. Microorganisms, 2020, 8(9), pp. 1–25, 1273
5. Misic, C., Covazzi Harriague, A., Ferrari, M. Hydrodynamic forcing and sand permeability influence the distribution of anthropogenic microparticles in beach sediment. Estuarine, Coastal and Shelf Science, 2019, 230, 106429
6. Misic, C., Covazzi Harriague, A. Development of marine biofilm on plastic: ecological features in different seasons, temperatures, and light regimes Hydrobiologia, 2019
7. Mangoni, O., Saggiomo, V., Bolinesi, F., Margiotta, F., Budillon, G., Cotroneo, Y., Misic, C., Rivaro, P., Saggiomo, M. Phytoplankton blooms during austral summer in the Ross Sea, Antarctica: Driving factors and trophic implications. PLoS ONE, 2017, 12(4), e0176033
8. Grotti, M., Soggia, F., Ardini, F., ...Cappelletti, D., Misic, C. Trace elements in surface sediments from Kongsfjorden, Svalbard: occurrence, sources and bioavailability. International Journal of Environmental Analytical Chemistry, 2017, 97(5), pp. 401–418
9. Misic, C., Covazzi Harriague, A., Mangoni, O., Aulicino, G., Castagno, P., Cotroneo, Y. Effects of physical constraints on the lability of POM during summer in the Ross Sea. Journal of Marine Systems, 2017, 166, pp. 132–143
10. Misic, C., Gaozza, L., Petrillo, M., Covazzi Harriague, A. The allochthonous material input in the trophodynamic system of the shelf sediments of the Gulf of Tigullio (Ligurian Sea, NW Mediterranean). Marine Environmental Research, 2016, 120, pp. 9–19