

PERSONAL INFORMATION

Marina Lasagni



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🔗 <https://scholar.google.it/citations?user=1ygl57QAAAAJ&hl=it&authuser=1>

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Date of birth 31/07/1964 | Nationality Italy

Current Position Associate Professor

RESEARCH INTERESTS

Summary

Research activity in the field of environmental physical chemistry. In particular: study of formation and destruction mechanisms of chlorinated organic micropollutants during thermal processes, reactivity of organics on fly ash and fly ash characterization as catalysts; prevention and attenuation of the environmental impacts of products, materials and processes; energy and matter recovery from waste; assessment and bioremediation of industrially contaminated soil; loads and removal of specific pollutants in wastewater, analysis of contaminants in different environmental matrices. Teaching Environmental Chemical Analyses in the bachelor's degree in sciences and technologies for the Environment; Environmental Chemistry in the master's degree in Sciences and Technologies for Environment and Landscape and Chemical Fundamental in Sustainability in the Master's Degree in Chemistry

Development and Application of Chemometric Methods for Acquiring and Analyzing Experimental Data in Environmental Systems

PREVIOUS POSITIONS

From 1996 to 2005

Researcher in Physical Chemistry

University of Milano

Research on the reduction of the environmental impact of waste incineration processes.

Business or sector Research

From 1994 to 1996

Researcher

University of Milano

Postdoctoral fellowship: Study of mechanisms for the formation and destruction of organochlorinated micro-pollutants.

Business or sector Research.

1994

Researcher

Fondazione Lombardia per l'Ambiente

Study of the environmental impact of municipal solid waste combustion processes.

Business or sector Research.

From 1989 to 1990

Researcher, employed

Eniricerche (ENI group)

Study of the mechanisms for the formation of micro-pollutants in combustion processes.
[Business or sector](#) Industrial research.

EDUCATION AND TRAINING

From 1990 to 1993

PhD in Chemical Sciences

University of Milano

Physical Chemistry Modeling for Rationalization and Forecasting of Environmental Effects of Processes and Technologies.

From 1983 to 1989

Degree in Chemistry

University of Milano

Development and Application of Chemometric Methods for Acquiring and Analyzing Experimental Data in Environmental Systems

PERSONAL SKILLS

Mother tongue(s)

Italian

Other language(s)

COMPRESIONE		PARLATO		PRODUZIONE SCRITTA
Ascolto	Lettura	Interazione	Produzione orale	
B2	C2	B1	B1	B2

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user
Common European Framework of Reference for Languages

Communication skills

Teamwork (acquired working in a research group)

Good communication skills (acquired as a university lecturer and presenting my research at national and international congresses and workshops)

Organisational / managerial skills

Coordination of people in multidisciplinary research projects.

Administration and report of funding for research projects.

Human resources management (undergraduate, graduate and PhD students).

Job-related skills

Computer skills (MS Office, Software for statistics and DOE, database research)

Knowledge of analytical techniques for organic compounds as GC-MSD, GC-FID, HPLC-DAD, HPLC-FLD, TOC, UV-VIS

ACADEMIC SERVICES

Didactics

Teachings:

Since 1996 she has regularly carried out teaching support and teaching activity in the master's degree in chemistry, University of Milan, and in bachelor's and master's degree in Environmental Sciences, University of Milano Bicocca. In recent years, she teaches Environmental Chemical Analyses in the bachelor's degree in sciences and Technologies for Environment. Environmental Chemistry in the master's degree in sciences, Technologies for Environment and Landscape and Chemical Fundamental in sustainability in the master's degree in chemistry.

Supervisor of Bachelor's and Master's students, and Ph.D. students and Post-doc

Academic services

Member of:

She was a member of Chemical, Geological and Environmental Sciences PhD Board at Milano Bicocca University.

She was a member of Review Group of the master's degree Course in Sciences and Technologies for Environment and Landscape Environmental.

Now, she is a member of Marine Sciences, Technology and Management Sciences PhD Board at Milano Bicocca University

Reviewer services

Journals:

Environmental Science & Technology, Science and Pollution Research, Chemosphere, Journal of Hazardous Materials, Applied Surface Science, Science of the Total Environment, Polymer Stability and Degradation, Waste Management, Pollution

Editor of MDPI Pollution Journal (<https://www.mdpi.com/journal/pollutants/editors> and https://www.mdpi.com/journal/pollutants/sectioneditors/Pollution_Prevention_Control)

GRANTS

- 1995 manager of an operating unit within the CNR Strategic Project "Natural and Anthropic Systems: analysis of environmental transformations, control models and intervention hypotheses", sub-project: "Identification, characterization and recovery of contaminated areas" in 1995.
- 1996-1998 manager of an operating unit within the CNR Strategic Project "Environment and Territory", sub-project: "Industrial materials from production activities and reduction of their environmental impact" manager of an operating unit within the CNR
- 1997 manager of an operating unit within the CNR Coordinated Project "Analysis and effects of tropospheric pollutants due to the use of new fuels for motor vehicles"
- 2000 responsible for a research line within the project "Environmental Impact of Waste Thermodestruction Processes: Biological Activity and Formation / Destruction Mechanisms of Polychlorodibenzo-P-Dioxins and Polychlorodibenzofurans" financed by the Lombardy Foundation for the Environment.
- 2011-2013 Scientific coordinator of the "Gas sensors group" in SMELLER – Real time monitoring system of single vehicle emissions. "Fondo per la promozione di Accordi Istituzionali".
- 2012-2014 Responsible for the Environmental Physical Chemistry group for the Project "Devulcanization of rubber by bacteria and/or enzymes" financed by Pirelli
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Personal data

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.

She is a member of the Division of Environmental Chemistry and Cultural Heritage of the Italian Chemical Society from several years.

Date: Milan, 13th April 2023