



**Laura Giuliano,
PhD (1993)**

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CIESM Scientific Director

Profile

Scientific Director at the International Mediterranean Science Commission (CIESM), with more than twenty years experience in research and policy. Through her career, she has been covering a wide range of functions: researcher, professor, director, graduate/post-graduate research supervisor, head of laboratory, research advisor.

Career & Experience

CIESM - The Mediterranean Science Commission

Scientific Director, current

In charge to enhance dialogue among 23 Member States around innovative research topics, and to strengthen CIESM relations with other inter-governmental Commissions / networks of Funding Agencies. Her tasks range from the conception and organization of multidisciplinary oceanographic campaigns to the advising of International and National Funding Agencies on Mediterranean common marine research priorities and regional specificities. Directly responsible for collaboration with ICES, EU, ESF-MB, EUCC, the WATERBORNE platforms (MARCOM+, EU CSA, fp7), and, more recently, OCDE, dr. Giuliano has also contributed various strategic panels (OCDE, IUCN) and side-events (EU Parliament) at the interface between science and policy especially targeting legal and socio- economic issues related to the development of the marine biotechnology sector.

Fully engaged in the organization of CIESM Congresses (the last edition in October, 2019). She built the CIESM programme on biotechnology encompassing policy and legal aspects on IPRs related issues and equitable sharing of benefits derived from 'bioprospecting' in the Mediterranean. This action evolved along research workshops, policy debates, and direct interventions at UN level. Dr. Giuliano works on the harmonization of research and policy practices, which includes efforts in benchmarking Mediterranean national strategies, facilitating debates on common strategic options, spreading base-line protocols, advocating the sharing of information (including research data) through open databases.

CNR, The Italian National Research Council

Director of the Institute, 2014-16

Research Director, 2011

Researcher Head of Laboratory, 2007

Researcher, 2001

Member of the Advisory Board of the Italian Ministry of Research, SC2 (Horizon 2020). Director at CNR (IT). Previously appointed Head of the Horizontal Axes 'Sustainability of Earth and Aquatic environments' (integrating 16 research axes and 87 researchers) at the Direction of the Dept. "Earth and Environment", and major responsible for its operational strategy and future perspectives at national and international level. Member of national and international science evaluation committees for the selection of proposals to be granted (EU fp6, fp7; INCO 2003, 2011; PNEC-Fr 2001-2004) or the evaluation of research laboratory activities (CNRS, FR). Italian Ambassador for ISME. Referee and Guest Editor of various international journals (FEMS; Deep-Sea Res.; Microbial Biotechnology). Author of more than 70 scientific articles in peer-reviewed journals (including PNAS, Science, Nature).

Regional MASTER – Plant Engineering (IT)

Lecturer of Molecular Technology, 1999 to 2000

Honors

PhD "Honoris causa", Italy:**2021**

PhD in: "Applied Biology and Experimental Medicine", University of Messina (IT). *Lectio magistralis* entitled: "The secret language of marine bacteria". Messina, IT, 30 June, 2021

JPI Oceans, EU:**2012-2018**

Elected (unanimously) Member of the Strategic Advisory Board of the Joint Programming Initiative Healthy and Productive Seas and Oceans (*appointed for a term of 3 years; renewed for the second mandate*)

EFB, EU:**since 2013**

Elected Member of the Experts Group of the European Federation of Biotechnology - Sect. Environmental Biotechnology

ISME, the International Society of Microbiology, US:**2003-2005**

Invited Member of the International Board of Ambassadors of the International Society for Microbial Ecology (ISME). (*Withdrawal related to major CIESM commitments*).

Education

NATIONAL CENTRE FOR BIOTECHNOLOGY
(GBF), BRAUNSCHWEIG (DE)

Post-doc fellow, 1997-1999

Practical Courses:

- Natural sample DNA extraction, purification and targeted genes amplification
- DNA sequence analysis

Professional Development:

- Molecular microbiology, 1999

LABORATOIRE DE MICROBIOLOGIE CNRS,
MARSEILLE (FR) & UNIVERSITY OF MESSINA (IT)

LUMINY,

PhD, 1996

Relevant Courses:

- Marine Microbiology
- Marine Oceanography

Professional Development:

- Marine microbiology, 1996

NATO ADVANCED SUMMER SCHOOL, SIENA (IT)

NATO Adv. Student,
1994

Relevant Courses:

- Molecular Ecology of Aquatic Microbes

UNIVERSITY OF MESSINA (IT)

B. Sc. Biology, 1992

Relevant Courses:

- Biology
- Mathematics (I, II)
- Physiology
- Biochemistry

Professional Development:

- Marine biology, 1992