

# Curriculum accademico

## Il curriculum accademico del **Prof. CECILIA MARIA TOTTI**

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Cecilia Maria Totti, born in Ancona, on May 20, 1960, is Associate Professor (SSD BIO/01, General Botany) at the Dipartimento di Scienze della Vita e dell'Ambiente (DiSVA), Università Politecnica delle Marche (Ancona), where she teaches Botany (three-year degree) and Biodiversity of Marine Algae and Plants (master's degree). She is in the Council of the PhD School of the DiSVA.

She is the Leader of the Marine Botany Groups of DiSVA

Since 2018 she is member of the Evaluation Team of the Università Politecnica delle Marche.

From 2004 to 2012 and newly from 2015 to 2018 she was member of Board of Directors of Università Politecnica delle Marche (Ancona).

Since 2018 she is President of the Federation of European Phycological Societies (FEPS). Since 2012 she is member of Council of Federation of European Phycological Societies (FEPS), and from 2016 to 2018 in the role of vice-President.

From 2011 to 2018 she was the Coordinator of the Italian Phycological Group of the Italian Botanical Society.

Since 2006 she is member of Scientific Committee of Microscopy Services of Nanostructures (CISMIn) of Università Politecnica delle Marche.

From 2006 to 2015 she was member of Board of Directors of ERSU (Ancona) (Vice President from 2006 to 2012).

In 2004, she was awarded the prize as Best Researcher of the Faculty of Sciences.

In 2012, she was awarded the prize as Best Researcher of DiSVA.

Since 2010 she is Associated Editor of the international journal *Cryptogamie, Algologie*, for the category Ecoevolutionary dynamics of algae in a changing world.

Since 2017 she is Subject Editor of the online journal *Italian Botanist* edited by Italian Botanical Society.

Member of Italian and International Scientific Societies as Società Botanica Italiana (SBI), Società Italiana di Biologia Marina (SIBM), Associazione Italiana di Oceanologia e Limnologia (AIOL), Federation of European Phycological Societies (FEPS), International Society of Diatom Research (ISDR), International Society for the Study of Harmful Algae (ISSHA). She joins the Commission Internationale pour L'Exploration Scientifique de la mer Méditerranée (C.I.E.S.M.) and the Consorzio Interuniversitario Scienze del Mare (CoNISMa).

She participated to 94 oceanographic cruises, and in 23 she was Chief Scientist.

She participated to 23 Italian research programs (11 as Principal Investigator) and to 7 international programs (2 as Principal Investigator).

Her scientific activity is focused on Marine Botany, and particularly on biodiversity, biology and ecology of marine microalgae.

Main research fields:

- Phytoplankton. Phytoplankton long time series in the Adriatic Sea and role of climatic changes. Seasonal variability. Relationship between phytoplankton and water masses. Life cycle of phytoplankton species and resting cyst distribution in marine sediments.
- Harmful algal blooms. Biodiversity, distribution and ecophysiology of toxic phytoplankton and microphytobenthos species.
- Mucilage aggregates. Phytoplankton communities associated to aggregates. Role of phytoplankton in aggregate ecology and evolution. Phytoplankton succession inside macroaggregates.
- Microphytobenthos, Benthic microalgae of soft bottom and their relationships with environmental factors. Epilithic microalgae on natural and artificial substrata. Epiphytic microalgae and relations with hosts.
- Relationships between microalgae and marine invertebrates. Epibiotic and endobiotic diatoms in Antarctic sponges. Diatom communities associated marine hydrozoans and gastropods.

Author of 78 scientific papers on International peer-reviewed journals, 10 International book chapters, 27 papers on Italian peer-reviewed journals, 31 Italian book chapters and 1 book. Editor of the volume 'Metodologie di campionamento e di studio del plancton marino'. She presented around 50 scientific communications/posters in International Congresses and more than 100 in Italian Congresses.

Bibliometric indicators (Scopus, 28/1/2019)

- h-index: 23
- Citation index: 1611