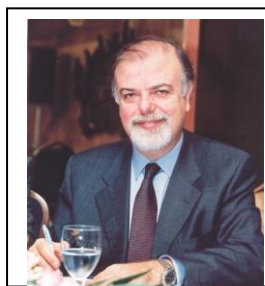


Michael Scoullos



Professor Emeritus

LABORATORY OF ENVIRONMENTAL CHEMISTRY, DEPARTMENT OF CHEMISTRY,
NATIONAL AND KAPODISTRIAN UNIVERSITY OF ATHENS

Email: scoullos@chem.uoa.gr

ORCID: 0000-0002-6122-2921

Google scholar:

https://scholar.google.com/scholar?hl=en&as_sdt=0%2C5&q=scoullos+michael&oq=scoullos+m

(6810 citations, h-index 35, i10-index 85)

SCOPUS: 7003590402

Tel.: 210 7274274

Website:

https://www.chem.uoa.gr/dioikisi_prosopiko/prosopiko_tmimatos/omotimoi_kathigites/skoullos_michail/

www.mio-ecsde.org

www.gwpmed.org

www.medies.net

EDUCATION

- 1971 BSc in Chemistry/ NKUA
- 1976 DSc in Natural Sciences/ Chemistry section/ NKUA
- 1980 PhD/ Oceanography section/ University of Liverpool

RESEARCH FIELDS

- Chemistry of the natural environment with emphasis on water and sediments
- Chemical studies of:
 - Marine systems with emphasis on coastal ones
 - Rivers and estuaries
 - Wetlands and lagoons
 - Lakes
- Pollution of the Mediterranean Sea
- Distribution of nutrients and heavy metals in waters, sediments and biota
- Bio-geochemical cycles and speciation of metals, nutrients and other substances in aquatic systems
- Study of mineral magnetic properties of particulate matter and sediments
- Application of methodologies including mesocosms and benthic chambers both in situ and in laboratory simulations
- Organic pollutants
- Environmental management and environmental policies
- Environmental education and education for sustainable development
- Environmental regulation and legislation

EDUCATIONAL EXPERIENCE

UNDERGRADUATE COURSES

He has taught the following courses:

- Environmental Chemistry (632)/ Obligatory/ Department of Chemistry/ NKUA
- Atmospheric Chemistry (737)/ Optional/ Department of Chemistry/ NKUA
- Chemical Oceanography (738)/ Optional/ Department of Chemistry/ NKUA
- Environmental Management and Technology (836)/ Optional/ Department of Chemistry/ NKUA

POST GRADUATE COURSES

He has taught the following courses:

Inter-departmental post-graduate course on Oceanography/ School of Science/ NKUA

- General Chemical Oceanography
- Chemical Marine Pollution
- Analytical Chemical Oceanography
- Special Chapters in Chemical Oceanography
- Management of the Marine Environment (teaching currently)
- Methodology-Planning-Results of Research Programs of Chemical Oceanography
- Marine Chemical Technology – Marine Resources

Post-graduate course on Chemistry/ Department of Chemistry/ Chemistry and Technology of the Environment

- Technologies of Environmental Protection and Energy Production
- Atmospheric Pollution and Methods for its Abatement
- Environmental Management
- Pollution of Aquatic and Terrestrial Systems

Interinstitutional Post Graduate Course “DIXINET-EAA” (teaching currently)

- Environmental Education and Education for Sustainable Development I
- Environmental Education and Education for Sustainable Development II
- Non Formal and Informal Education for Sustainable Development
- Subjects of Environmental Science and Management

DISCRIMINATIONS / SCHOLARSHIPS

Many honorary diplomas, medals, etc by various Institutions. The following are indicatively mentioned:

- Golden Medal of the City of Paris (Honorary Citizen)
- Award of the Academy of Athens
- The Medal of “Simon Bolivar” of UNESCO
- Medal by Pope Paul VI
- Medal by Pope John-Paul II
- Knight of Merit of the Order of St. John of Jerusalem
- Federacion Nacional de Comunicadades de Regantes (FENACORE) (10/2007), Rotary 70th District Conference, Limasol
- Annual Award of Excellency, Notre Dame University, Louaije – Lebanon, (Water Energy and Environmental Research Centre) for his work on the development of the Integrated Water Resources Management (IWRM) in the Mediterranean countries (14/11/2005)
- Knight Officer of the National Order of the Cedar of Lebanon
- Member of the European Academy of Sciences (Brussels)

RESEARCH GRANTS

Coordination and elaboration of many research projects – competitive programs (more than 70), funded by international and national sources (EU, UN, GSRT, Ministry of Environment, Ministry of Education etc).

REVIEWER OF SCIENTIFIC JOURNALS

Clean-Soil, Air and Water

Desalination

Estuarine, Coastal and Shelf Science

International Journal of Environmental Analytical Chemistry

Polish Journal of Environmental Studies

Environmental Monitoring and Assessment

Marine Environmental Research

Food Control

Toxicological and Environmental Chemistry

EDITOR OF BOOKS AND SPECIAL VOLUMES

Author of more than 300 works (books, monographs, studies etc) covering a wide spectrum of environmental subjects (pollution of the marine and aquatic environment, environmental management and protection, environmental policy and diplomacy, environmental education and education for sustainable development etc).

ADDITIONAL INFORMATION

- 98 Publications in scientific journals
- Presentations at conferences: >600
- Supervision of doctoral theses: >20
- Supervision of graduate students: >100
- Supervision of undergraduate students: >50
- Representative of the European Parliament (selected for (5) consecutive times) 1992 to present, in the Management Board and the Executive Bureau of the European Environment Agency (EEA), the major EU body for the study and protection of the environment in the European Union
- Founder and Chairman since 1992 of the Mediterranean Information Office for the Environment, Culture & Sustainable Development (MIO - ECSDE), the largest, widely recognised, Federation of Mediterranean Environmental Organisations
- Chairman of the Global Water Partnership-Mediterranean (GWP-MED), which is one of the regional GWP platforms for promotion of Integrated Water Resources Management (IWRM). It brings together many networks of important organizations working on water.
- President of the Greek National Committee of MAB/ UNESCO (Man and the Biosphere) since 2000
- President, 1986-1995 and now Honorary President of the European Environmental Bureau (EEB), the largest and most representative Federation of European Environmental Organisations
- President for many years of the Committee against Pollution of the Mediterranean, of the International Committee of Scientific Exploration of the Mediterranean Sea (C.I.E.S.M.) (President of CIESM, at the time, Prince Rainier of Monaco, S. General J. Cousteau)
- Member of the European Academy of Sciences
- Coordinator of the CAPACITY Building Component of the H2020 European Initiative to Depollute the Mediterranean by the year 2020
- Fellow of the International Union of Pure and Applied Chemistry (IUPAC)
- President, 1983-2001 and now President Emeritus of the Elliniki Etairia (The Hellenic Society for the Protection of the Environment and the Cultural Heritage), a major Greek Environmental Organisation
- Member for many years of the EU Scientific Advisory Committee on Toxicology and Ecotoxicology
- Vice President of the Mediterranean Committee for Sustainable Development (MCSD of UNEP/MAP)
- Chairman of the International Panel of Experts of the World Bank for the Red Sea – Dead Sea Conveyor
- Assistant Chairman of the Steering Committee on Education for Sustainable Development of UNECE 2005 to date and Chairman of the UNECE Expert Group on Education for Sustainable Development Competences 2008 to date
- Member of the International Jury of the Onassis Award on the Environment 2008 to date
- Member (former Vice President) of the Mediterranean Scientific Association for Environmental Protection (MESAEP)
- Founding Member of the European Association for Marine Sciences and Technology (AESTM)

SELECTED PUBLICATIONS

- Vlachogianni T., Scoullou M., 2023. Assessing marine macrolitter on the coastline of the Asterousia Biosphere Reserve: Insights from a community-based study. *Marine Pollution Bulletin*, 195, 115474
- Prifti E., Kaberi H., Paraskevopoulou V., Michalopoulos P., Zeri C., Iliakis S., Dassenakis M., Scoullou M., 2022. Vertical distribution and chemical fractionation of heavy metals in dated sediment cores from the Saronikos Gulf, Greece. *Journal of Marine Science and Engineering*, 10(3), 376
- Karavoltzos S., Sakellari A., Dassenakis M., Bakeas E., Scoullou M., 2021. Trace metals in the marine surface microlayer of coastal areas in the Aegean sea, Eastern Mediterranean. *Estuarine, Coastal and Shelf Science*, 259, 107462
- Vlachogianni T., Skocir M., Constantin P., Labbe C., Orthodoxou D., Pesmatzoglou I., Scannella D., Spika M., Zissimopoulos V., Scoullou M., 2020. Plastic pollution on the Mediterranean coastline: Generating fit-for-purpose data to support decision-making via a participatory-science initiative. *Science of the Total Environment*, 711, 135058
- Kapetanaki N., Krasakopoulou E., Stathopoulou E., Dassenakis M., Scoullou M., 2020. Severe coastal hypoxia interchange with ocean acidification: An experimental perturbation study on carbon and nutrient biogeochemistry. *Journal of Marine Science and Engineering*, 8(6), 1–20, 462
- Scoullou M., Botsou F., 2018. Geochemical processes of trace metals in fresh–saline water interfaces. The cases of Louros and Acheloos estuaries. *Handbook of Environmental Chemistry* 59, 241-27
- Karavoltzos S., Fotiadis F., Michopoulos P., Sakellari A., Plavšić M., Bourletsikas A., Kaoukis K., Thomaidis N.S., Dassenakis M., Scoullou M., 2017. Organic complexation of copper in throughfall and open field bulk deposition: Influence of the tree canopy of Mediterranean forest ecosystems. *Chemosphere* 167, 28-35
- Giannopoulou K., Zeri C., Nektarios P., Sakellari A., Nydrioti E., Scoullou M., 2015. Chemical evaluation of compost produced at a large Greek mechanical biological treatment plant: Metal availability and phytotoxicity. *Compost Science and Utilization* 23(4), 248-266
- Zeri C., Besiktepe S., Giannakourou A., Krasakopoulou E., Tzortziou M., Tsoliakos D., Pavlidou A., Mousdis G., Pitta E., Scoullou M., Papathanassiou E., 2014. Chemical properties and fluorescence of DOM in relation to biodegradation in the interconnected Marmara–North Aegean Seas during August 2008. *Journal of Marine Systems* 135, 124-136
- Evangelidou N., Florou H., Scoullou M., 2011. POC and particulate (234)Th export fluxes estimated using (234)Th/(238)U disequilibrium in an enclosed Eastern Mediterranean region (Saronikos Gulf and Elefsis Bay, Greece) in seasonal scale. *Geochimica et Cosmochimica Acta* 75, 5367-5388