
 Environmental Chemistry Laboratory	HELLENIC REPUBLIC National and Kapodistrian University of Athens SCHOOL OF SCIENCES FACULTY OF CHEMISTRY	 United Nations Educational, Scientific and Cultural Organization UNESCO Chair on Sustainable Development Management and Education in the Mediterranean HELLENIC REPUBLIC National and Kapodistrian University of Athens
Environmental Chemistry Laboratory		UNESCO Chair & Network on Sustainable Development Management and Education in the Mediterranean	

Michael J. Scoullos

Professor of Environmental Chemistry
 Director of the Environmental Chemistry Laboratory
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 National and Kapodistrian University of Athens (NKUA)

Education

B.Sc. in Chemistry, University of Athens (1971)
 D.Sc. in Chemistry, University of Athens (1976)
 Ph.D. in Oceanography, University of Liverpool (1980)

Research Fields of Interest

- 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 awareness
- Environmental regulation and legislation
- Reviewer of a large number of scientific journals. He has organised and chaired a very large number of International Conferences more than 120. He is the author of more than 350 works including books, articles, various other publications.

Teaching

Undergraduate in the NKUA:

632-Environmental Chemistry (6th sem.)

737-Atmospheric Chemistry II (7th sem.)

738-Chemical Oceanography (7th sem.)

836-Chemistry-Management of Aquatic Environment (8th sem.)

Post-Graduate:

- Inter-departmental post-graduate course in Oceanography, School of Science-NKUA:
 - General Chemical Oceanography
 - Chemical Marine Pollution
 - Analytical Chemical Oceanography
 - Special Chapters in Chemical Oceanography
 - Management of the Marine Environment
 - Methodology-Planning-Results of Research Programs of Chemical Oceanography
 - Marine Chemical Technology – Marine Resources
- Post-graduate course of Chemistry Dept.: 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

Book Authorship

University publications

1. Scoullos M., 1969. "Differential Calculus". From the notes of Papaloukas. University of Athens.
2. Scoullos M., 1974. "The Future of Human Nutrition". In the book of D.S. Galanos "Subjects of Food Chemistry", 2nd edition, p. 61-70, University of Athens.
3. Scoullos M., 1975. "Notes on Chemical Oceanography". For post-graduate students of Oceanography, University of Athens.
4. Scoullos M., 1978. "Chemical Oceanography: An introduction to the Chemistry of the Marine Environment", 215 p., University of Athens.
5. Scoullos M., 1981. "Marine Pollution: Systematic, Mechanisms and Primary Pollutants". In the book "Pollution and Protection of the Environment", p. 47-71. Greek Chemists Association.
6. Scoullos M., Siskos P., 1986. "Laboratory exercises in Environmental Chemistry – Water Pollution – Atmospheric Pollution", 136 p., University of Athens.
7. Scoullos M., 1987. "Elements for the Management of solid and liquid wastes", 72 p., University of Athens.

8. Scoullos M., 1987. "Chemical Oceanography. Part A: An introduction to the Chemistry of the Marine Environment", 2nd edition, volume A, 210p., University of Athens.
9. Scoullos M., Siskos P.A., 1987. "Environmental Chemistry I", 286 p., University of Athens.
10. Scoullos M., 1987. "Special Chapters of Environmental Chemistry II", 71 p., University of Athens.
11. Scoullos M., Dassenakis M., 1988. "Laboratory Notes on Chemical Oceanography", 99 p., University of Athens.
12. Scoullos M., 1987. "Chemical Oceanography. Part B: Marine pollution, marine inorganic resources, desalination", 2nd edition, 154 p., University of Athens.
13. Scoullos M., 1989. "The Chemistry of Sulphur in Natural Systems. The Sulphur Cycle and Speciation in the Atmosphere. Fresh and Marine Waters and Sediments."
14. Dassenakis M., Scoullos M., 1989. "Laboratory Notes on Chemical Oceanography", 151 p., 2nd edition, University of Athens.
15. Siskos P.A., Scoullos M., 1990. "Environmental Chemistry II", 436 p., University of Athens.
16. Siskos P.A., Scoullos M., 1992. "Environmental Chemistry I", 360 p., University of Athens.
17. Dassenakis M., Scoullos M., 1992. "Laboratory Notes on Chemical Oceanography", 206 p., 3rd edition, University of Athens.
18. Scoullos M., 1995. "Problems in pollution and water management with emphasis on marine pollution". In the book "Selected Subjects of Environmental Management, p. 195-239, Goulandri Museum of Natural History.
19. Scoullos M., 1997. "Chemical Oceanography: An introduction to the chemistry of the marine environment", 3rd edition, 254 p., University of Athens.
20. Scoullos M., 2008. "Chemical Oceanography: An introduction to the chemistry of the marine environment", 4th edition, 256 p., Symmetria publ., ISBN: 978-960-266-249-6.
21. Scoullos M., Siskos P.A., 2010. "Environmental Chemistry", 312 p., Symmetria publ., ISBN: 978-960-266-297-7.

Selected publications on Environmental Education

1. Scoullos M., 1990. "Environmental Education" (Report for Greece). In: "European Environmental Yearbook: Nature Conservation, Protection of the Environment, Town and Country Planning in Belgium, Denmark, the Federal Republic of Germany, France, Greece, Ireland, Italy, Luxembourg, The Netherlands, Portugal, Spain and the United Kingdom, with special surveys on Australia, Japan, U.S.A. and U.S.S.R.", p. 127-130. DocTer Institute for Environmental Studies/Milan.
2. Scoullos M., 1990. "The development and the present situation of environmental education in Greek higher education". In: "Higher Education in Europe", Vol. XV, No 4, p. 34-43. UNESCO/European Centre for Higher Education.

3. Scoullos M., 1995. Inter-regional workshop on «Reorienting Environmental Education for Sustainable Development», Final Report. UNESCO, UNEP, MIO-ECSDE, UNIVERSITY OF ATHENS.
4. Scoullos M., 1996. Inter-regional workshop on Reorienting Environmental Education for Sustainable Development, Summary Report, p. 11-15. UNESCO, UNEP, MIO-ECSDE, University of Athens. "Towards an Environmental Education for Sustainable Development".
5. Scoullos M., 1997. GLOBAL CONFERENCE ON ENVIRONMENTAL EDUCATION, INDIAN ENVIRONMENT SOCIETY, PROC. "The Thessaloniki Conference: Environment and Society: Education and Public Awareness for Sustainability".
6. Scoullos M., 1997. International Conference: "Environment and Society: Education and Public Awareness for Sustainability", PROC, UNESCO, Government of Greece. "Observation, key issues and suggested solutions open to comments by the Conference".
7. Trikalitis A., Scoullos M., 1997. International Conference: "Environment and Society: Education and Public Awareness for Sustainability", PROC. "Young Greek students out of the spirit of Socrates – What young students know and what they think they know about environment".
8. Trikalitis A., Psalidas V., Tsiros D., Scoullos M., 1997. International Conference: "Environment and Society: Education and Public Awareness for Sustainability", 596-599. "Ten years in Environmental Education in Greece (1988-1997)".
9. Scoullos M., 1998. International Conference: "Education and Training in integrated coastal area management", PROC. "Integrated Coastal Management in the post-graduate studies of the University of Athens: An evolution process".
10. Scoullos M., 1999. International Conference: "Environmental Education and Training in Europe", PROC. "Education for Environment and Sustainability (EfES): International and EuroMediterranean Experience".
11. A) Scoullos M., 1998. "Promotion of Education and Public Awareness for Environment and Sustainability in the Mediterranean", 56 p. Workshop organized by MIO-ECSDE and HAEEE, MIO-ECSDE.
B) Scoullos M., 1998, "La promotion de l' education et de la sensibilisation du public à l' environnement et à la viabilité en Méditerranée", Atelier organize par MIO-ECSDE et HAEEE, MIO-ECSDE.
12. Scoullos M., 2000, New proposals for Action. International Meeting of Experts for Environmental Education, PROC, 355-365. "Environmental Education related to abatement of poverty and hunger".
13. Scoullos M., 2000, International Experts Meeting on Environmental Education, PROC, 1-16. "Environmental Education related to abatement of poverty and hunger". MIO-ECSDE.
14. Scoullos M., Alampei A., Boulouxi A., Malotidi V., Vazeou S., 2001. "Water in the Mediterranean". Educational Package. MIO – ECSDE & GWP – Med, ISBN: 960-86312-3-8.
15. Papadopoulos D., Trikaliti A., Scoullos M., 2002. ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, Special Issue 3, 122-123. "Production of educational package on urban waste management and preliminary results of pilot application at secondary schools in Greece".

16. Scoullos M., Alampei A., Boulouxi A., Malotidi V., Vazeou S., 2002. ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, Special Issue 3, 124, "Water in the Mediterranean: Educational package to facilitate education for environment and sustainability and promote integrated water resources management".
17. Malotidi V., Scoullos M., 2003. ENVIRONMENTAL 2010: SITUATION AND PERSPECTIVES FOR THE EUROPEAN UNION. "Potable water & urban wastewater: a research-guide for the development of educational material for environmental education".
18. Scoullos M., 2002. "Brief overview on the evolution of concepts about education for environment and sustainable development", 11-14. In: Environmental Education: the Mediterranean Perspective, edited by: M. Scoullos, MIO-ECSDE & Hellenic Ministry for the Environment, Physical Planning and Public Works, ISBN: 960-87842-3-9.
19. Scoullos M., Papadopoulos D., Alampei A., Malotidi V., 2007. "Waste in our life", 103 p., Educational material – Learner's book, MIO-ECSDE, ISBN: 978-960-6793-00-4.
20. Alampei A., Scoullos M., 2007. "Waste in our life", 119 p., Educational material – Educator's book, MIO-ECSDE, ISBN: 978-960-88033-9-8.
21. A) Scoullos M., Malotidi V., 2004. "Handbook on methods used in environmental education and education for sustainable development", 111 p., MIO-ECSDE, ISBN: 960-88033-1-4.
B) Scoullos M., Malotidi V., 2004. "Manuel sur les methods utilisées pour l' education à l' environnement et l' education pour le developpement durable", 111 p., MIO-ECSDE, ISBN: 960-88033-5-7.
22. Scoullos M., 2004. International Conference "Education for Sustainable Development" Preparing the UN Decade. "Science and Culture in the Education for Sustainable Development".
23. Scoullos M., 2004. International Conference "The Challenge to Globalization: Education for Tolerance, Democracy and Sustainable Development", "Education for Sustainable Development: The Concept and its connection to Tolerance and Democracy".
24. Papadopoulos D., Scoullos M., 2004. 8th Chemistry Conference of Greece and Cyprus & 14th Seminar of Chemistry Teaching. "Solid waste management in environmental education programs of Greek high schools (2000-2002)"
25. Lambrou A., Baratsi A., Frantzi P., Trikaliti A., Scoullos M. 2nd Symposium of the Hellenic Society for Environment and Civilization. "Paper and environment – Environmental education program"
26. Rapti A., Vavoulioti G., Triantafyllou H., Trikaliti A., Scoullos M. 2nd Symposium of the Hellenic Society for Environment and Civilization. "Plastics are everywhere: Environmental education program for secondary education"
27. Faldami E., Trikaliti A., Scoullos M. 2nd Symposium of the Hellenic Society for Environment and Civilization. "Inspiration, thought and imagination in environmental education", "Food – Nutrition for the man and the planet – Environmental Education Program"
28. Scoullos M., 2005. 3rd World Environmental Education Congress. "Environmental Education: from where to where?"

29. Scoullos M., 2005. Conference for the Official Launching of the UN Decade of Education for Sustainable Development in the Mediterranean region. "The conceptual framework of Education for Sustainable Development: Evolution and Development up to Athens 2005".
30. Scoullos M., Alampe I., Malotidi V., 2005. 1ST INTERNATIONAL CONFERENCE AQUA 2005, 32, "Water in the Mediterranean. Education initiative for environment and sustainability"
31. Scoullos M., 2007. International Conference in the Framework of the German EU Presidency, UN Decade of Education for Sustainable Development – The Contribution from Europe "National and regional networks for ESD. Comparing approaches to the implementation of the UN Decade ESD".
32. Scoullos M., 2007. International Conference "Common visions, common future: Education for sustainable development as the crossing to Sciences and Civilizations". "The evolution of education for sustainable development & the UNECE strategy", University of Cyprus.
33. Scoullos M., 2007. 4th International Conference on Environmental Education. "Eclectic relationship between Environmental Education and Education for Sustainable Development: evolution, relevance and further questions".
34. Scoullos M., Malotidi V., 2007. "Mediterranean Food: Historical, Environmental, Health & Cultural dimensions". Educational material, 112 p., MIO-ECSDE, ISBN: 978-960-88033-7-4.
35. Doulas S., Togias N., Chrisanthopoulos P., Trikaliti A., Scoullos M., 2008. 3RD INTERNATIONAL CONFERENCE AQUA 2008, 64, "Biological treatment".
36. Konstantogianni M., Karachaliou I., Scoullos M., 2008. 3RD INTERNATIONAL CONFERENCE AQUA 2008, 66, "Water resources management in the Mesogeia region".
37. Togias N., Scoullos M., 2008. 3RD INTERNATIONAL CONFERENCE AQUA 2008, 69, "Educational material for the management of waste product and for the facility of mechanical recycling and composting waste (E.M.A.K. – Ano Liosia)".
38. Scoullos M., Alampe A., Kouroutos V., Malotidi V., Mantzara M., Psalidas V., 2008. "Environmental Education and Education for Sustainable Development in Protected Areas", Educational Material, 183 p., MIO-ECSDE, ISBN: 978-960-6783-04-2.
39. Scoullos M., 2008. "Public Awareness for the Management of Solid Wastes in Seas and Coasts of the Mediterranean", 96 p, Greece Clean, HELMEPA, MIO-ECSDE, ISBN: 978-960-98440-0-0.
40. Scoullos M., Malotidi V., Alampe A., Vlachogianni Th., Toli K., Trikaliti A., Psalidas V., 2009 (1st edition), 2010 (2nd edition), "The Gift of Rain", Educational Material for Education and Sustainable Development, 40 p., MIO-ECSDE, ISBN: 978-960-6793-08-0.
41. Scoullos M., 2010. RESIDENTIAL TRAINING WORKSHOP ON UNIVERSITIES & EDUCATION FOR SUSTAINABLE DEVELOPMENT, Proceedings published in "Sustainable Mediterranean" 63-64, 6-8, "What makes a University sustainable?"

Book Authorship, Editing or Chapters within

1. Scoullos M., 1981. "Measures for the protection of natural and cultural traditional environment of Athens and for pollution regulation of the Capital area", Academy of Athens, 77 p. (awarded study)
2. Scoullos M., 1982. "The quality of the coastal waters of Greece", COMM.EUR. COMMUNITIES / DGXI.
3. Scoullos M., 1993. "Mediterranean pollution. Chemical and biological aspects". In: "Pollution of the Mediterranean Sea. Pollution research and environmental monitoring. Analyses, recommendations and assessment of the scientific and technological options", edited by: F. Briand, p. 37-67. European Parliament – Scientific and Technological Options Assessment (STOA), CIESM & Université de la Méditerranée.
4. Scoullos M., Mantzara B., Constantianos V., 1994. "The BOOK DIRECTORY for the protection of the Mediterranean monk seal *Monachus monachus* in Greece", 167 p. Elliniki Etairia, Contract with CEU, DGXI, AKTI Publications, ISBN: 960-7614-01-1.
5. Scoullos M., Mantzara B., 1996. "Long range study in water supply and demand in Greece", 63 p., Elliniki Etairia, Prepared for the International Centre for Water Studies (ICWS) and the EU.
6. Scoullos M., Constantianos V., 1996. "Assessment of the state of pollution of the Mediterranean Sea by zinc, copper and their compounds and proposed measures", 290 p., UNEP / FAO / WHO / MAP Technical Report Series, No 105.
7. Scoullos M., 1998. "Environment and Society: Education and public awareness for sustainability", 862 p., In: THESSALONIKI INTERNATIONAL CONFERENCE, PROC., edited by M. Scoullos. UNESCO / GOV. OF GREECE, ISBN: 960-86312-0-3.
8. Scoullos M., Hunt J., Roniotes A., 1999. "Information, awareness, environmental education and public participation in the Mediterranean", 82 p. Prepared for the Mediterranean Commission for Sustainable Development, MIO – ECSDE.
9. Kontostanou-Karalivanou O., Maxson P.A., Sauerborn K., Scoullos M., Tishcer M., Vonkeman G.H., Wallner H.P., 2000. "Sustainable development of European Cities and Regions (SUDECIR)". Book edited by G.H. Vonkeman, 300 p., Kluwer Academic Publishers, ISBN: 0-7923-6423-6.
10. Scoullos M., Vonkeman G., Thornton I., Makuch Z., 2002. "Mercury-Cadmium-Lead. Handbook for sustainable heavy metals policy and regulation", book edited by M. Scoullos, 525 p., Kluwer Academic Publishers, ISBN: 1-4020-0224-6.
11. Scoullos M., Roniotes A., Malotidi V., 2002. "Public participation, environmental information and awareness in the Mediterranean", book, 86 p., MIO-ECSDE, ISBN: 960-86312-5-4.
12. Scoullos M., Malotidi V., Spyrou S., Constantianos V., 2002. "Integrated water resources management in the Mediterranean", book, 36 p., GWP and MIO-ECSDE, ISBN: 960-86312-8-9.
13. Scoullos M., Roniotes A., 2003. "The evolution of environmental policies in the Mediterranean", 114 p., MIO-ECSDE.

14. Scoullou M., Roniotes A., 2003. "L' evolution des politiques de l' environnement en Méditerranée dans la perspective des ONG".
15. Scoullou M., Tomassini B., 2003. Handbook of freshwater in the Mediterranean, book, GWP, MIO-ECSDE, Athens.
16. Alawneh Z., Tomassini B., Scoullou M., 2003. "Elementary manual on freshwater Journalism in the Mediterranean", 32 p., GWP-Med & MIO-ECSDE, ISBN: 960-87842-6-3.

Scientific Papers

SCOULLOS M., KATAKIS D., 1978. *Chimica Chronika* (new series) 7, 65-74, "Studies on the chemistry of humic acids I. Complexes of Fe(II), Fe(III) and Cu(II) with toluoquinone and oligomeric derivatives"

SCOULLOS M., RILEY J.P., 1978. *Thalassia Jugoslavica*, 14(3/4), 357-370, "Water circulation in the Gulf of Elefsis, Greece"

SCOULLOS M., KATAKIS D., 1979. *Chimica Chronika* (new series) 8(33), 169-180, "Studies on the chemistry of humic acids II. Interaction of Fe(III) and Cu(II) with oxygen containing polymeric ligands"

SCOULLOS M., KATAKIS D., 1979. *Chimica Chronika* (new series) 8(4), 181-186, "Studies on the chemistry of humic acids III: Preliminary observations on the reduction of dinitrogen by V(II) in the presence of humic acids"

OLDFIELD F., THOMPSON R., SCOULLOS M., TOLONEN K., 1979. *Geophys. J. R. Astr. Soc.* 57, 229, "Magnetic monitoring of particulate pollution"

SCOULLOS M., OLDFIELD F., THOMPSON R., 1979. *Marine Pollution Bulletin* 10(10), 287-291, "Magnetic monitoring of marine particulate pollution in the Elefsis Gulf, Greece"

SCOULLOS M.J., 1981. *Mutation Research* 85, 247, "Trace metals in the sea water of a polluted bay near Athens"

SCOULLOS M.J., 1981. *Water, air and soil pollution* 16, 187-207, "Zinc in seawater and sediments"

SCOULLOS M., DASSENAKIS M., 1983. *Marine pollution bulletin* 14(1), 24-29, "Trace metals in a tidal Mediterranean embayment"

SCOULLOS M., 1983. *NATO Conference Series, (Series) 4: Marine Sciences* 9, 351-366, "Trace metals in a landlocked intermittently anoxic basin"

OLDFIELD F., SCOULLOS M., 1984. *Marine Pollution Bulletin* 15(6), 229-231, "Particulate pollution monitoring in the Elefsis Gulf: the role of mineral magnetic studies"

OLDFIELD F., HIGGIT S.R., MAHER B.A., APPLEBY P.G., SCOULLOS M., 1984. In: "Desertification in Europe" edited by R. Fantecht, N. Margaris, pp. 95-109, "A new integrative methodology for desertification studies based on magnetic and short-lived radioisotope measurements"

SCOULLOS M., 1986. The Science of the Total Environment 49, 199-219, "Lead in coastal sediments: The case of the Elefsis gulf"

SCOULLOS M., DASSENAKIS M., 1986. MAP Technical Report Series 8 (Addendum), 45-63, "Dissolved and particulate zinc, copper and lead in surface waters"

SCOULLOS M., ALEXIOU S., BECACOS-KONTOS TH., 1986. Thalassia Jugoslavica 21/22(1/2), 85-97, "Chlorophyll studies of a bay affected by sewage discharges"

SCOULLOS M., OLDFIELD F., 1986. Marine Chemistry 18, 249-268, "Trace metal and magnetic studies of sediments in Greek estuaries and enclosed gulfs"

KALOGEROPOULOS N., SCOULLOS M., VASSILAKI-GRIMANI M., GRIMANIS A.P., 1989. The Science of the Total Environment 79, 241-252, "Vanadium in particles and sediments of the northern Saronikos gulf, Greece"

SCOULLOS M.J., HADJIANESTIS J., 1989. Water, Air and Soil Pollution 44, 307-320, "Dissolved and particulate trace metals in a wetland of international importance: lake Mikri Prespa, Greece"

SCOULLOS M., ZERI C., OLDFIELD F., 1989. Water Pollution Research Report 13, 341-353, "Preliminary results of mineral magnetic measurements of the Rhone estuary and the Gulf of Lions"

SCOULLOS M., 1989. Studies in Environmental Science 35(C), 949-952, "The ozone layer depletion and European Policies"

SCOULLOS M.J., HATZIANESTIS J., 1990. Air Pollution Research Report 20, 129-146, "Trace metals in the sediments of a remote mountain lake: Mikri Prespa, Greece"

SCOULLOS M.J., ZERI-SIMEON C., OLDFIELD F., FRANCE D., 1990. Water Pollution Research Report 20, 547-559, "Particles and sediments – Water exchanges. Investigations on magnetic properties of sediments of the Rhone estuary and the Gulf of Lions during the phase I of the EROS-2000 project (1988-1989)"

SCOULLOS M., KABERI H., 1991. MAP Technical Report Series 59, 327-340, "Microcosm experiments on the accumulation and release of trace metals (Zn, Cu, Cd) by macroalgae (*Ulva lactuca*) in: "Accumulation and Transformation of Chemical Compounds by Biotic and Abiotic Processes in the Marine Environment"

ZERI C., SCOULLOS M.J., 1991. Water Pollution Research Report 28, 451-468, "Magnetic parameters in relation to the source of recent sediments of the northwestern Mediterranean"

SCOULLOS M., DASSENAKIS M., SOULIOTIS A., 1991. Thalassographica 13(S3), 43-49, "Trace metal correlations with carbonates and aluminium in the sediments of the Acheloos estuary"

SCOULLOS M., 1992. Marine Policy 16(1), 65-66, "7 Views of the European Environmental Bureau"

SCOULLOS M., ZERI C., 1993. Water Pollution Research Report, 243-249, "Magnetic measurements of recent sediments of the N.W. Mediterranean"

SCOULLOS M., ZERI C., 1992. Oceanologica Acta 16(1), 53-58, "The use of mineral magnetic measurements to study the transport and sedimentation of particles in the Gulf of Lions (N.W. Mediterranean)"

BRO-RASMUSSEN F., CALOW P., CANTON J.H., CHAMBERS P.L., SILVA-FERNANDES A., HOFFMANN L., JONARY J.M., KLEIN W., PERSOONE G., SCOULLOS M., TARAZONA J.V., VIGHI M., 1994. Reviews of Environmental Contamination and Toxicology 137, "EEC Water Quality Objectives for chemicals dangerous to aquatic environments (list 1)"

DASSENAKIS M., DEGAITA A., SCOULLOS M., 1995. The Science of the Total Environment 168, 19-31, "Trace metals in sediments of a Mediterranean estuary affected by human activities (Acheloos river estuary, Greece)"

ZERI C., SCOULLOS M., 1995. Water Pollution Research Report 32, 259-264, "Correlations between magnetic parameters and copper in surface sediments of the NW Mediterranean"

SCOULLOS M., CONSTANTIANOS E., 1995. North Sea Monitor, Special Issue, Seas at Risk 95, 6-8, John Wiley & Sons Ltd, "Europe's Regional Seas: The Mediterranean Sea"

SCOULLOS M., DASSENAKIS M., ZERI C., 1996. Water, Air and Soil Pollution 88, 269-295, "Trace metal behavior during summer in a stratified Mediterranean system: The Louros estuary (Greece)"

PANAGIOTOPOULOU V.Y., TSIPI D., HISKIA A., SCOULLOS M., 1996. Fresenius Environmental Bulletin 5, 545-550, "Levels of organochlorine pesticides and PCB congeners in the Gulf of Elefsis"

KABERI H., SCOULLOS M., 1996. MAP Technical Report Series 104, 83-96, "The role of the green algae *Ulva* in the cycling of copper in marine coastal ecosystems"

DASSENAKIS M., SCOULLOS M., GAITIS A., 1997. Marine Pollution Bulletin 34(2), 103-111, "Trace metals transport and behaviour in the Mediterranean estuary of Acheloos river"

SCOULLOS M.J., PAVLIDOU A.S., 1997. Croatica Chemica Acta 70(1), 289-307, "Speciation studies of trace metals in the gulf of Elefsis, Greece"

ZERI C., SCOULLOS M., 1998. Oceanologica Acta 21(1), 81-86, "An integrated magnetic-chemical approach to the study of iron in Rhone estuary sediments"

DASSENAKIS M., SCOULLOS M., FOUFA E., KRASAKOPOULOU E., PAVLIDOU A., KLOUKINIOTOU M., 1998. Applied Geochemistry 13, 197-211, "Effects of multiple source pollution on a small Mediterranean river"

VASSILAKIS I., TSIPI D., SCOULLOS M., 1998. Journal of Chromatography A 823, 49-58, "Determination of a variety of chemical classes of pesticides in surface and ground waters by off-line solid-phase extraction, gas chromatography with electron-capture and nitrogen-phosphorus detection and high performance liquid chromatography with post-column derivatization and fluorescence detection"

MIHOPOULOS N., VAGIAS C., CHINOU I., ROUSSAKIS C., SCOULLOS M., HARVALA C., ROUSSIS V., 1999. Z. Naturforsch 54c, 417-423, "Antibacterial and cytotoxic natural and synthesized hydroquinones from sponge *Ircinia spinosula*"

MIHOPOULOS N., VAGIAS C., SCOULLOS M., ROUSSIS V., 1999. Natural Product Letters 13(2), 151-156, "Laurencienyne B, a new acetylenic cyclic ether from the red alga *Laurencia obtusa*"

ALOUPHI M., ANGELIDIS M.O., SCOULLOS M., 2000. Environment International 26, 29-35, "Spatial and temporal variability of composition of urban effluents in the island of Lesvos, Greece"

MIHOPOULOS N., DASSENAKIS M., ANASTASAKIS G., SCOULLOS M., 2000. Global Nest: The International Journal 2(2), 167-178, "Physical and chemical characteristics of a Mediterranean coastal microenvironment: the "Salty Lake" of Aghios Nikolaos (Crete, Greece)"

SCOULLOS M.J., PAVLIDOU A.S., 2000. Global Nest: The International Journal 2(3), 255-264, "Metal speciation studies in a brakish/marine interface system"

MIHOPOULOS N., VAGIAS C., MIKROS E., SCOULLOS M., ROUSSIS V., 2001. Tetrahedron Letters 42, 3749-3752, "Prevezols A and B: new brominated diterpenes from the red alga *Laurencia obtusa*"

KARAVOLTSOS S., SAKELLARI A., DIMOPOULOS M., DASSENAKIS M., SCOULLOS M., 2002. Food Additives and Contaminants 19(10), 954-962, "Cadmium content in foodstuffs from the Greek market"

DASSENAKIS M., ANDRIANOS H., DEPIAZI G., KONSTANTAS A., KARABELA M., SAKELLARI A., SCOULLOS M., 2003. Applied Geochemistry 18, 781-794, "The use of various methods for the study of metal pollution in marine sediments, the case of Euvoikos Gulf, Greece"

KARAVOLTSOS S., DASSENAKIS M., SCOULLOS M., 2002. Environmental Science and Pollution Research, Special Issue 3, 65-66, "Difficulties in using macroalga *Ulva rigida* as a potential selective bioindicator for the bioavailable fraction of dissolved zinc"

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International Activities

- * Coordinator of more than 25 Research Projects
- * Referee of the 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"
- * 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)

Awards

Golden Medal of the City of Paris (Honorary Citizen)
 Knight Officer of the National Order of the Cedar of Lebanon
 Knight of Merit of the Order of St. John of Jerusalem
 The Medal of “Simon Bolivar” of UNESCO
 Medal by Pope Paul VI

Medal by Pope John-Paul II
Award of the Academy of Athens
Award of the Notre Dame University of Beirut on IWRM
Many honorary diplomas, medals, et c. by various Institutions

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