

CURRICULUM VITAE of Vassilis S. Tselentis

Professor in Marine Environment

Dr. V.S. Tselentis has a background of chemistry and biochemistry, and has specialised in environmental monitoring of atmospheric and marine pollution. He has been responsible for research projects concerned with measurements of basic pollutants in water and air, as well as specialised analysis of novel substances. He heads the Marine Sciences Laboratory of the Maritime Studies Department of the University of Piraeus which collaborates on projects with the CNRS, Max-Planck Institute Biogeochemistry Dept., School of Earth and Planetary Sciences University of Cardiff and others. Research interests also lie in the area of environmental management of harbour and port operations with projects that involve Waste Management Plan Development and Port Environmental Review System (PERS) Certification for the Port of Piraeus. He advises regularly on matters in the field of Environmental Impact Assessment for ports and marinas, as well as on developing plans for the protection of the sea and coastal zones from shipping.

V.S.Tselentis has been awarded :

- A degree from the National School of Public Health and Hygiene,
- A diploma entitled “The Consequences of the International Character of Shipping for Environmental and Safety Management” στην Ολλανδία. Οργανωτές : NIOZ (National Institute for Marine Research), EcoMare, Dutch Ministry of Transport – Green Shipping Award 1999,
- A diploma in “Crisis Management and Human Behaviour” from Åland Maritime Institute in Finland as required by the “International Convention on Standards of Training, Certification and Watchkeeping for Seafarers (STCW 95).
- An Environmental Management Systems Lead Auditor (ISO 14001) certification by Lloyd’s Register Quality Assurance (London 31/1/2003), as officially approved by the International Register of Certificated Auditors (IRCA).

V.S.Tselentis has been a scientific adviser in the Leonardo da Vinci programme called “TRIAINA”, responsible for developing educational material in DISTANCE LEARNING, on topics concerning Environmental Management of Maritime Business and Port Activities.

V.S.Tselentis is a scientific adviser to the Marinas of Flisvos, Lefkada, and Zea concerning Environmental Monitoring and Management. This involves regular monitoring of water quality and reporting on progress and assessing operational and management options.

V.S.Tselentis is a scientific adviser to the Port of Piraeus, concerning Environmental Monitoring and Management. This involves regular monitoring of water quality and reporting on progress and assessing operational and management options.

V.S.Tselentis is a scientific adviser on Dredging Activities and Management of Dredged Materials for several ports and marinas including Port of Piraeus, Marina of Lefkada and navigation passages in Igoumenitsa nad Halkida.

V.S.Tselentis is the scientific adviser of the Port of Piraeus on matters concerning Waste (liquid and solid) Management Plans.

V.S.Tselentis is a scientific adviser to the European Research Project called ECOPORTS (in collaboration with the European Sea Ports Organisation (ESPO) and the University of Cardiff), concerning the development of Environmental Management Plans for European Ports.

V.S.Tselentis is a scientific adviser to a project for the certification of the Port of Piraeus with the Port Environmental Review System (PERS) of the Port of Piraeus in collaboration with the University of Thessaloniki.

V.S.Tselentis has been a scientific adviser to a working group of ELIAMEP (Hellenic Foundation for European and Foreign Policy) concerning the EU Green Paper on Maritime Policy.

V.S.Tselentis has used his experience of research-based teaching and training to set the natural science of environmental issues within the context of applied studies of shipping and port operations. For over ten years successive classes of his students have benefited from direct observation of shipping and port operations whilst carrying out 'hands-on' environmental surveys within the Port of Piraeus and other, small-scale surveys elsewhere in Greece.

RELEVANT PUBLICATIONS

B.S. Tselentis, J. Detorakis, X. Kondakis & S. Livaditou. "Estimation of Land Based Pollution and Waste Loads in Hellonitis Bay S-W. Greece". Rapports et Proces - Verbaux Des Reunions, XXXIle Congres - Assemblee Commission Internationale pour L'exploration Scientifique de la Mer Mediterranee. Vol 32 p. 133, 1990.

X.G. Kondakis, A. Fragoulia et B. Tselentis. "Les enquetes epidemiologique des effets de la pollution atmospherique sur la sante : discussion a propos d'un cas", Pollution Atmospherique, p. 24 – 33, Janvier-Mars 1992.

Tselentis, B. and Tzannatos, E., "Environmental technology in marine engine power systems: A techno-economic assessment", European Research Studies Journal, Vol. I, No. 1, 1998.

C.F. Wooldridge, B.S. Tselentis and D. Whitehead, "Environmental Management of Port Operations – the Ports Sector's Response to the European Dimension" in Maritime Engineering and Ports, pp.227-242. eds C.A. Brebbia and Scitutto. Wessex Institute of Technology Press, Southampton, UK, 1998.

B.S. Tselentis, M. Maroulakou, J.F. Lascourreges, J. Szpunar, V. Smith, and O.F.X. Donard, "Organotins in Sediments and Biological Tissues from Greek Coastal Areas : Preliminary Results" Marine Pollution Bulletin, 38(2), 146-153, 1999.

J. Wonham, C.M. Davies, V.G. Asimakopoulos and B.S. Tselentis, "Marine Transportation of Irradiated Nuclear Fuel, Plutonium and Radioactive Wastes: the Continuing Debate on Regulatory Measures" Marine Policy 24, 287 – 299, 2000.

B.S.Tselentis and E.S. Tzannatos, "Bytyltin Compounds in Coastal Sediments of Areas Associated With Maritime Facilities in Greece", Fresenius Environmental Bulletin 9: 499-507, 2000.

Polychronidou G., Liolios K. and Tselentis B.S., "Marina Development and Environmental Impact Assessment Requirements – the Case of Lefkada Marina", in Maritime Engineering and Ports III, pp. 101-110. eds C.A. Brebbia and Scitutto. Wessex Institute of Technology Press, 2002, Southampton, UK

D.G. Prokopiou and Tselentis B.S., "Environmental Management of Port Oil Terminals", in Maritime Engineering and Ports III, pp. 121-128. eds C.A. Brebbia and Scitutto. Wessex Institute of Technology Press, 2002, Southampton, UK

Prokopiou, D., Toanoglou, M., Bousbouras D. and Tselentis B.S. "Environmental Impacts Caused by the Tourist Industry in Elafonisos Island and the Neapoli District, Greece", in . Ecosystems and Sustainable Development VI, pp. 375-385. eds E.Tiezzi, J.C. Marques, C.A. Brebia and S.E. Jorgnsen. Wessex Institute of Technology Press, 2007, Southampton, UK.

Tselentis, B.S., Prokopiou, D. and Toanoglou, M. “Carrying Capacity Assessment for the Greek Islands of Kalymnos, Kos and Rhodes” in Sustainable Tourism II, pp. 353–363. eds C.A. Brebia and F.D. Pineda. Wessex Institute of Technology Press, 2006, Southampton, UK.

D.G. Prokopiou and B.S. Tselentis, “Environmental Impacts of Tourist Development in Rhodes”, in Sustainable Planning and Development, pp. 223-234. eds E. Beriatos, C.A. Brebbia, H. Coccossis and A. Kungolos. Wessex Institute of Technology Press, 2003, Southampton, UK

Tselentis, B.S. and Prokopiou, D. “Regional development and the islands of Kos and Rhodes - a study of sustainable financial opportunities” in Sustainable Development and Planning Vol 2, pp. 1133-1142. eds A.G. Kungolos, C.A. Brebia and E. Beriatos. Wessex Institute of Technology Press, 2005, Southampton, UK

Prokopiou, D., Toanoglou, M., Bousbouras D. and Tselentis B.S. «Carrying Capacity Assessment in Tourism: The Case of the Dodecanese Archipelago», in Management of Natural Resources, Sustainable Development and Ecological Hazards, pp.217-227. eds C.A. Brebia, M.E. Conti and E.Tiezzi. Wessex Institute of Technology Press, 2006, Southampton, UK.

V.S. Tselentis, “Marina Environmental Review System: A Methodology to Assess Environmental Management in Recreational Ports”, European Research Studies Journal XI, Issue 1 – 2, 2008.

Tselentis, B.S., Liolios, K. and Polychronidou, G. “The Environmental Impact Assessment (EIA) of Marinas in the UK: Options and Perspectives”. Proceedings of the 6th International Conference on the Protection and Restoration of the Environment VI, 1-5 July Skiathos Greece..

Tselentis, B. and Tzannatos, E., "Urban transport multi-modal proposal: Exhaust pollution assessment for the Attica coastline", Proceedings of **1st International Conference on Ecological Protection of the Planet Earth**, 5-7 June 2001, Xanthi.