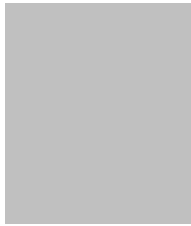



PERSONAL INFORMATION

Takvor Soukissian



 96, Amisou str., Athens, 17124, Greece

 +30 22910 76420  +30 6974 857384

 tsouki@ath.hcmr.gr

 Skype tsouki5

Sex Male | Date of birth 07/06/1962 | Nationality Greek

WORK EXPERIENCE
(PROFESSIONAL & ACADEMIC)

- 2016 – to date **Research Director**
Institute of Oceanography, Hellenic Centre for Marine Research (H.C.M.R), Athens, Greece
- 2003 – 2016 **Senior Researcher**
Institute of Oceanography, Hellenic Centre for Marine Research (H.C.M.R), Athens, Greece (former National Centre for Marine Research)
- 2001 – to date **Instructor**
Master Degree course of the Dept. of Civil Engineering Educators of the School of Pedagogical & Technological Education (Management Technologies of Waters, Soft Energy Sources and Environmental Mechanics) (2016-2017)
Master Degree course of the Dept. of Naval Architecture and Marine Engineering of the National Technical University of Athens (Maritime Technology & Science)
- 2001 – 2004 **Associate Professor**
Dept. of Marine Science, University of Aegean (Undergraduate and Master Degree courses)
- 2000 – 2003 **Researcher (Grade C)**
Institute of Oceanography, NCMR, Athens, Greece
Main Researcher and Executive Secretary in the mega-project **“POSEIDON: A marine environmental monitoring, forecasting and information system for the Greek Seas”**
Scientific co-ordinator of a Greek funded project entitled: **“A smart buoy for environmental monitoring”**
Scientific co-ordinator of a Greek funded project entitled: **“Ocean environmental monitoring and information during the Athens 2004 Olympic Games“**
- 1995 – 2000 **Post - doctoral Researcher**
Institute of Oceanography, NCMR, Athens, Greece
Main Researcher and Executive Secretary in the mega-project **“POSEIDON: A marine environmental monitoring, forecasting and information system for the Greek Seas”**
- 1995 – 1997 **Researcher**
Hellenic Register of Shipping, Athens, Greece
Research in a Greek funded project for optimising the design characteristics of sea structures
- 1988 – 1990 **Researcher**
Marine Technology and Development Company S.A., Athens, Greece
Research in various EU funded projects
- 1988 – 1990 **Researcher**
Dept. of Naval Architecture and Marine Engineering of the National Technical University of Athens
Research in various EU funded projects. Contribution in the design and development of a Greek ocean environmental buoy.

EDUCATION AND TRAINING

- 1988-1995 **PhD in Naval Hydrodynamics**
National Technical University of Athens
- 1981-1987 **Diploma in Naval Architecture and Marine Engineering**

National Technical University of Athens

PERSONAL SKILLS

Mother tongue(s) Greek

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C1	C1	C1
German	A2	A2	A2	A2	A2
	Grundstufe Zertifikat				
French	A1	A1	A1	A1	A1

Communication skills Good communication skills gained through my long teaching experience at the University of Aegean, the National Technical University of Athens and the School of Pedagogical & Technological Education

Organisational / managerial skills Leadership (responsible for a team of 5 people),
 Supervisor of over 20 Master Theses, over 10 Diploma Theses,
 Member of the Advisory Committees for 3 PhDs,
 WP leader in EU coordinated project,
 Scientific responsible of national projects,
 Technical Programme Committee member of the International Society of Offshore and Polar Engineers,
 Editorial Board Member of The Open Ocean Engineering Journal, Bentham
 Section Editor of the Mediterranean Marine Science Journal, HCMR
 Guest Editor of the Atmosphere Journal, MDPI
 Organizer of national and international workshops,
 Reviewer in 29 international scientific journals and 4 international conferences

Digital skills Very good command of Microsoft Office™ tools, Matlab, Statistica, MIKE 21, R.

Driving licence B

ADDITIONAL INFORMATION

Publications (scientific journals / books / chapters in books)

Athanassoulis, G.A., Vranas, P.B., Soukissian, T.H., 1992, "A new model for long-term stochastic analysis and prediction. I: Theoretical background", *Journal of Ship Research*, 36(1), pp. 1–16.

Soukissian, T.H., 1998, "Operational Oceanography towards 2000", *Exclusive Economic Zone Technology*, 2, pp. 79–84.

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Soukissian, T.H., Chronis G.Th., 2000, "POSEIDON: A marine environmental, monitoring, forecasting and information system for the Greek Seas", *Mediterranean Marine Science*, Vol. 1(1), pp. 71–78.

Nittis K., T. Soukissian and G. Chronis, 2002, "Operational Forecasting in the Aegean Sea: The POSEIDON system", *Operational Oceanography. Implementation at the European and regional Shelf seas*, Elsevier, Elsevier Oceanography Series, Vol. 66, pp. 211-218, ISBN 0 444 50391 9.

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Soukissian T.H., Prospathopoulos A., 2003, "Implementation of the 3rd generation Wave Model WAM - cycle 4 in Aegean Sea", *Tech. Chron., Scientific Journal of the Technical Chamber of Greece*, IV, Vol. 23(1-2), pp. 7-19 (extended summary in English).

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- T. Soukissian, 2005, "The wave climate of the Aegean Sea: wind waves", Publ. in SoHelME, State of the Hellenic Marine Environment, E. Papathanassiou, A. Zenetos (eds), Hellenic Centre for Marine Research Publ., 360 p.
- K. Nittis, L. Perivoliotis, D. Ballas, G. Korres, T. Soukissian, A. Papadopoulos, A. Mallios, G. Triantafyllou, A. Pollani, V. Zervakis, D. Georgopoulos, V. Papathanassiou and G. Chronis, 2006, "POSEIDON II: A second generation monitoring and forecasting system for the Eastern Mediterranean Sea" in: Dahlin, H., N.C. Flemming, P. Marchandf & S.E. Petresson. European Operational Oceanography: Present and Future. Proceedings of the 4th Eurogoos Symposium, 6-9 June 2005, Brest, France, European Community, pp. 585-590.
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- Soukissian, T.H., 2011, "Analysis of Extreme Waves", Editorial, The Open Ocean Engineering Journal, Vol. 4, pp. 1-2.
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- Soukissian, T.H., Tsalis, C., 2018, "Effects of parameter estimation method and sample size in metocean design conditions", *Ocean Engineering*, Vol. 169, pp. 19-37, <https://doi.org/10.1016/j.oceaneng.2018.09.017>
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National / International Conference Papers

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- Athanassoulis, G.A., Soukissian, T.H., 1991, "Duration of HS-sea states at the location 38.10 N - 25.40 E", *Proc. of the 2nd International Conference on Environmental Science and Technology*, pp. 779–786.
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- Soukissian, T.H., Tziavos, C., "Advancement of Operational Oceanography in Greece", 1997, *Proc. of the 5th Hellenic Symposium on Oceanography and Fisheries*, Vol. I, pp. 311–314, in Greek.
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- Mavrakos S., Konispoliatis D., Soukissian T., "Efficiency of an array of oscillating water column devices for wave energy absorption in the Mediterranean Sea", 12th Hellenic Symposium on Oceanography and Fisheries, Corfu, 31/5–3/6 2018.
- Mazarakos, T.P., Mavrakos, S.A., Soukissian, T.H., 2019, "Wave Loading and Wind Energy of a Spar Buoy Floating Wind Turbine", 14th International Conference on Ecological Vehicles and Renewable Energies, 8-10 May 2019, Monaco
- Malliouri D., Memos C.D., Soukissian T., Tsoukala V.K., "Reliability analysis of rubble mound breakwaters - An easy-to-use methodology", 1st International Conference on Design and Management of Port, Coastal, and Offshore Works, Vol. 2, pp. 129-133, Athens, 2019.
- Soukissian T.H., Mavrakos S.A., "Multivariate metocean design conditions in the Mediterranean and North Seas", 1st International Conference on Design and Management of Port, Coastal, and Offshore Works, Vol. 2, pp. 175-179, Athens, 2019
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- D.I. Malliouri, C.D. Memos, N.D. Tampalis, T.H. Soukissian, V.K. Tsoukala, 2019, "Integrating short- and long-term statistics for short-crested waves in deep and intermediate waters", Applied Ocean Research, Vol. 82, pp. 346-361, <https://doi.org/10.1016/j.apor.2018.11.004>

Selected projects

- "Promoting innovative nEtworks and cLusters for mARine renewable energy synerGies in mediterranean cOasts and iSlands"- PELAGOS. Med Interreg, Priority Axis 1: Promoting Mediterranean innovation capacities to develop smart and sustainable growth, Programme specific objective 1.1 To increase transnational activity of innovative clusters and networks of key sectors of the MED area (2016-2019).
- "ELEMED – ELEctrification of the Eastern MEDiterranean area through the extensive use of Cold Ironing and the introduction of electricity as a propulsion alternative", Urban Innovative Actions, Connecting Europe Facility 2014–2020, TRANSPORT CALLS (2016-2018).
- "Collection and processing of available data on the composition for the synthesis of the strategic environmental impact assessment studies", financed by the Center for Renewable Energy Sources and Savings, HCMR Project coordinator (2015)
- "BLUENE: BLUe ENERGY for Mediterranean", financed by the European Union, Work Package Leader (2014)
- "Multi-purpose floating structures for offshore wind and wave energy sources exploitation (POSEIDON)", financed by national funds (2012)

"National programme for the utilization of offshore wind potential in the Aegean Sea: preparatory actions - (AVRA)", financed by the General Secretariat of R&D, HCMR Project coordinator (2012-to date)

"Towards COast to COast NETworks of marine protected areas (from the shore to the high and deep sea), coupled with sea-based wind energy potential - COCONET", "Development of know-how for ocean energy utilization systems", financed by the European Union, Work Package Leader (2012-2016)

"POSEIDON – PHASE II", co-funded by the European Free Trade Association (EFTA) and the Ministry of National Economy, Work Package Leader (2005)

"The Integrated monitoring of the Romanian Black Sea Coast between Midia - Varna Veche", PHARE. DG project, Project coordinator (2003)

"Development of operational system and methodologies for defining the environmentally, legitimately and socio-economically optimal tanker routing through the Aegean Sea for Caspian oil retransportation to the Mediterranean", finance by the General Secretariat of R&D (2003-2006)

Assessment of the environment and coastal fisheries at the South Euboikos area", financed by the Ministry of Agriculture (2003)

"The integrated monitoring of the Romanian Black Sea Coast between Midia-Varna Veche", PHARE project, Project coordinator (2003-2004)

"An Enhanced operational System for wave monitoring and Prediction with Applications in Hellenic Navigation (ESPEN)", financed by the General Secretariat of R&D, Project coordinator (2003)

"Operation and Maintenance of the POSEIDON system", financed by the Ministry of National Economy (2002-2004).

"Assessment and Modeling of Oceanographic conditions in Saronikos Gulf", co-financed by the Hellenic General Secretariat of Sports and the Organizing Committee of the Athens 2004 Olympic Games, Project coordinator (2002-2004).

"SBEM: A smart buoy for environmental monitoring", financed by the General Secretariat of R&D, Project coordinator (2002-2003)

"Wave climate modelling along ship routes and applications to the safety of new technology ships", Co-operation with IFREMER, financed by the General Secretariat of R&D, Project coordinator (2001-2003)

"Geophysical survey and measurements of environmental parameters, water quality and monitoring for the Athens Olympic Games 2004 Sailing Center", financed by the Organizing Committee of the Athens Olympic Games 2004 (1999-2001)

"POSEIDON: A marine environmental monitoring and information system for the Greek Seas", Co-financed by the Financial Mechanism of the European Free Trade Association (EFTA) and the Ministry of National Economy, Executive Scientific Secretary (1998-2002)

Seminars

Training on the MIKE 21 software in offshore and near-shore wave models, wave propagation in shallow waters and hydrodynamic circulation model, Danish Hydraulic Institute (DHI), Copenhagen, Denmark (2000)

Education on the wave model WAM, GKSS Research Centre, Hamburg, Germany (2000)

Memberships

Member of the Technical Chamber of Greece (1987 – to date)

Member of the Union of Greek Naval Architects and Marine Engineers (1988 – to date)

Full member of the Technical Committee of the International Society of Offshore and Polar Engineers (2005 – 2017)

Editor / Reviewer in International journals / Research proposals

Reviewer in the following scientific journals: *Ocean Engineering* (Elsevier), *Energy Conversion and Management*, (Elsevier), *Renewable Energy*, (Elsevier), *Applied Energy*, (Elsevier), *Applied Mathematical Modelling*, (Elsevier), *Journal of Wind Engineering & Industrial Aerodynamics*, (Elsevier), *Journal of Ocean Engineering and Science*, (Elsevier), *Deep Sea Research II*, (Elsevier), *Journal of Pure and Applied Geophysics*, (Springer), *Journal of Marine Science and Technology*, (Springer), *Meteorology and Atmospheric Physics*, (Springer), *Energies*, (MDPI), *Sustainability*, (MDPI), *Journal of Marine Science and Engineering*, (MDPI), *Journal of Offshore Mechanics and Arctic Engineering*, (American Society of Mechanical Engineers), *Journal of Structural Engineering*, American Society of Civil Engineers (American Society of Civil Engineers), *International Journal of Climatology*, (Wiley), *Wind Energy*, (Wiley), *Annales Geophysicae*, (European Geosciences Union), *Ocean Science*, (European Geosciences Union), *Atmosphere-Ocean*, (Taylor and Francis Group), *International Journal of Management Science and Engineering Management*, (Taylor and Francis Group), *Journal of Statistical Computation and Simulation*, (Taylor and Francis Group), *International Journal of Offshore and Polar Engineering*, (International Society of Offshore and Polar Engineers) ,

Mediterranean Marine Science, (HCMR publications), *Environmental Engineering and Management Journal*, (University of Iasi Publ.), *African Journal of Mathematics and Computer Science Research*, ([Academic Journals](#)), *Journal of Renewable and Sustainable Energy*, (AIP publications), *AIMS Energy*, (AIMS Press)

Member of Editorial Advisory Board of *The Open Ocean Engineering Journal*, Bentham Science, (2008–2015)

Guest editor of the special issue "Analysis of extremes waves" of *The Open Ocean Engineering Journal*, Bentham

Section editor of *Mediterranean Marine Science* (2016-to date), HCMR

Guest Editor of *Atmopshere* journal, MDPI

International Awards / distinctions

The project "ELEMED" (coordinator of HCMR) won the first prize 2018 GREEN4SEA Initiative Awards.

The project "CoCoNet" (Leader of WP5: Offshore wind farms and Marine Protected Areas) has been included from the EC in the "success stories" projects of 7th Framework Programme.

I am convenor (lead author) in Chapter 22: Developments in marine renewable energy sources, that will be included in the book published under the auspices of the United Nations "World Ocean Assessment II".

Invited speaker

"Applications of Operational Oceanography in shipping and marine transportation", organized by the Society of Naval Architects and Marine Engineers (SNAME), Athens, 2007

"Coastal vulnerability of Saronikos Gulf to intense natural events. Its interplay with the Greek law for the delimitation of the seashore", "Workshop on coastal management approaches for sea-level related hazards", organized by IOC, Paris 5-7/12/2011.

"A review of the experience on the impacts of energy from sea (offshore wind, wave, current-tidal, thermal) on the marine and coastal environment", Summer school Good Environmental Status and Marine Protected Areas in the Mediterranean and Black Sea, organized by Université Mohammed V – Agdal, Institut Scientifique-Rabat-Morocco, 8-13 September 2014.

"A holistic approach towards exploitation of Blue Energy in the Mediterranean", 9th European Seminar OWEMES 2017, Bari, Italy, 11/10-13/10/2017.

"Potential of offshore wind resource in the Black Sea", International conference Romanian "Sustainable Development at the Black Sea" organized by the Government – Ministry of Research and Innovation, European Commission – DG Research & Innovation and in the context of Romanian EU Presidency, Bucharest, 8-9 May 2019.

Academic lectures / activities

Lectures: 1) "Seminars on Marine and underwater technology", National Technical University of Athens, Master Degree course, 1999-to date, 2) "Wave mechanics", "Coastal engineering", undergraduate and master degree courses, University of Aegean, 2001-2004, 3) "Introduction to marine renewable energy sources", National Technical University of Athens, Master Degree course, 2018-to date

Supervisor of more than 25 Master Theses, member of Advisory committee in 4 PhD dissertations.

Organization of conferences, workshops, symposia

Member of Executive Organising Group, 3rd International Conference on EuroGOOS, 3–6 December 2002, Athens, Greece

Co-organizer of the special sessions "MetOcean parameters" and "Extreme waves", International Offshore Technology Committee, International Society of Offshore and Polar Engineers, San Francisco USA, 2006.

Member of the Technical Programme committee International Society of Offshore and Polar Engineers (2004-2017).

Member of the scientific committee Offshore Mechanics and Arctic Engineering for the symposium Offshore Measurement and Data Interpretation, 2006

General Secretary of the organizing committee of the 10th Panhellenic Symposium on Oceanography and Fisheries, Athens, 2012.

Organizer of the International Focus Workshop "Offshore Wind Farm development in the Mediterranean and Black Seas", in the context of FP-7 COCONET, project, Anavyssos, 9–10 June 2014.

Chairman in special sessions of international conferences, workshops and symposia.