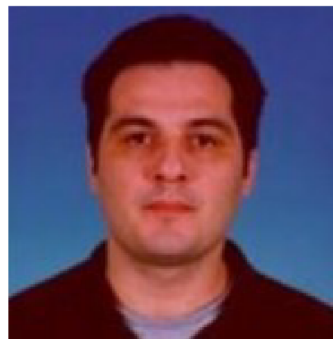


Vasilis D. Valavanis

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SUMMARY RESUME (January 2022)

Vasilis D. Valavanis studied conservation biology, geographic information science and remote sensing at the University of Florida's (USA) School of Forest Resources and Conservation (1989-1997). With an environmental biology background, he specialized in the field of Geographical Information Science (GIS) and Remote Sensing (RS) and the application of these technologies in the disciplines of Fishery Science and Oceanography. Since 1997, he is part of the scientific personnel of the Hellenic Centre for Marine Research carrying out EU-funded research projects dealing with the use of GIS, RS and spatial analysis in the investigation of species-environment interactions, essential fish habitat identification, ocean processes mapping as well as Marie Curie-level training programs. As of 2021, he has produced more than 160 scientific publications in the peer-reviewed and grey literature and a number of special issues and articles in peer-reviewed scientific conferences, invited talks and seminar organization in leading scientific symposiums in the field of GIS as well as leading participation as scientific responsible and coordination of more than 25 scientific research projects (1997-2021, more than 10MECU). He is the author of "*Geographic Information Systems in Oceanography and Fisheries*", published by Taylor & Francis in May 2002 and the author of numerous book chapters. He is the Editor of "*Essential Fish Habitats Mapping in the Mediterranean*" published by Springer in October 2008 and co-editor of "*Marine Ecosystems and Sustainability*" published by Springer in July 2011. He is on the Editorial Board of 2 peer-reviewed scientific journals (*Hydrobiologia* and *Scientia Marina*) and a member of the Scientific Board of the leading conference in his field International Symposium on GIS/Spatial Analyses in Fishery and Aquatic Sciences (triennial). More information at: <http://arch.her.hcmr.gr>

-Project list & short description: <http://arch.her.hcmr.gr/proj.htm>

-Publication record and reprints: <http://arch.her.hcmr.gr/publ.htm>

SELECTED EUROPEAN COMMUNITIES-FUNDED RESEARCH (FROM FP4 TO H2020)

- (1996-1999): FP4: FAIR-950419 FIGIS: Spatio-Temporal Analysis of the Fisheries Resources, their Environment and Exploitation in the Mediterranean Sea: Experimental Uses of Geographical Information Systems (total budget: 1.60 million ECU)
- (1997-1999): FP4: ENV-4960355 ABDMAP: Algal Bloom Detection, Monitoring and Prediction
- (1997-2000): FP4: FAIR-CT96-1520 CEPHVAR: Environmental, Genetic and Biological Variation of Cephalopods in European Waters
- (2002-2005): FP5: QLRT-2001-00962 CEPHSTOCK: Cephalopod Stocks in European Waters: Review, Analysis, Assessment and Sustainable Management (total budget: 0.9 million ECU)
- (2002-2005): FP5: EVRI-CT-2001-20010 MAMA: Mediterranean network to Assess and upgrade Monitoring and forecasting Activity in the region
- (2002-2005): FP5: INCO-MED-ICA3-CT2002-10003 MEDCORE: From River Catchment Areas to the Sea: A Comparative and Integrated Approach to the Ecology of Mediterranean Coastal Zones for Sustainable Management (total budget: 1.43 million ECU)
- (2005-2008): FP6: 2004-SSP-4 DG Fisheries and Maritime Affairs: EnviEFH: Environmental Approach to Essential Fish Habitat Designation (total budget: 0.90 million ECU)
- (2006-2009): FP6: 2004 Marie Curie Actions HRM Activity: ECOSUMMER: Ecosystem Approach to Sustainable Management of the Marine Environment and its Living Resources (total budget: 1.70 million ECU)
- (2007-2010): FP6: 2004-STREP DG Fisheries and Maritime Affairs: SARDONE: Improving Assessment and Management of Small Pelagic Species in the Mediterranean (total budget: 1.10 million ECU)
- (2010-2011): FP6: ERA-NET DG Fisheries and Maritime Affairs: REPRODUCE: Understanding recruitment processes using coupled biophysical models of the pelagic ecosystem (total budget: 0.62 million ECU)
- (2009-2011): FP7: DG INFO U@MareNostnum: Strengthening Public Participation for Water Protection and Management (total budget: 0.60 million ECU)
- (2010-2012): FP7: PEOPLE Marie Curie Intra-European Fellowship: EFH-GIS: The identification and mapping of Essential Fish Habitats using Geographic Information Systems (total budget: 0.15 million ECU)

- (2009-2012): DG Environment LIFE+ 2007 NAT/GR/00285 Nature and Biodiversity: Concrete Conservation Actions for the Mediterranean Shag and Audouin's gull in Greece including the inventory of relevant marine IBAs (total budget: 1.79 million ECU)
- (2011-2013): MARE/2009/05-LOT1-Mediterranean: MAREA-MEDISEH: Mediterranean hAlieutic Resources Evaluation and Advice: Mediterranean Sensitive Habitats (total budget: 0.5 million ECU)
- (2013-2014): MARE/2009/05-LOT1-Mediterranean: MAREA-STOCKMED: Stock units: Identification of distinct biological units (stock units) for different fish and shellfish species and among different GFCM-GSA (total budget: 0.5 million ECU)
- (2012-2015): FP7-Ocean of Tomorrow: TROPOS: Modular multi-use deep water offshore platform harnessing and servicing Mediterranean, subtropical and tropical marine and maritime resources

- (2013-2015): FP7-ERANET-SEASERA: CIGESMED: Coralligenous based Indicators to evaluate and monitor the "Good environmental Status" of the Mediterranean coastal waters
- (2013-2015): DGMARE-MSP: ADRIPLAN: ADRIatic Ionian maritime spatial PLANning
- (2014-2017): EU ERASMUS+: SeaofSkills: Taming the sea of fishers' knowledge, skills and competences.
- (2016-2020): EU H2020: ClimeFish: Co-creating a Decision Support Framework to ensure sustainable fish production in Europe under climate change.
- (2021-2025) EU H2020: SEAwise Shaping ecosystem based fisheries management (total budget: 8 million ECU, HCMR: 0.558 MECU).

MAPS: Collaboration and Citing Articles Networks

These maps come from the old ResearcherID Thomson Reuters website (now known as publons). The maps show the geographic extent of publication record regarding co-authors (Collaboration Network – left) as well as received citation of the published work (Citing Articles Network – right).

Collaboration Network

The map graph below displays (up to) the top 500 geographic locations for this researcher's co-authors. Scroll over the map and place your cursor on a pin to view city, state, and country/region information. Clicking on the pin will display bibliographic data for the paper that has cited the researcher's publication(s).



Citing Articles Network

The map graph below displays (up to) the top 500 geographic locations for publications that have cited this researcher. Scroll over the map and place your cursor on a pin to view city, state, and country/region information. Clicking on the pin will display bibliographic data for the paper that has cited the researcher's publication(s).



SELECTED PUBLICATIONS

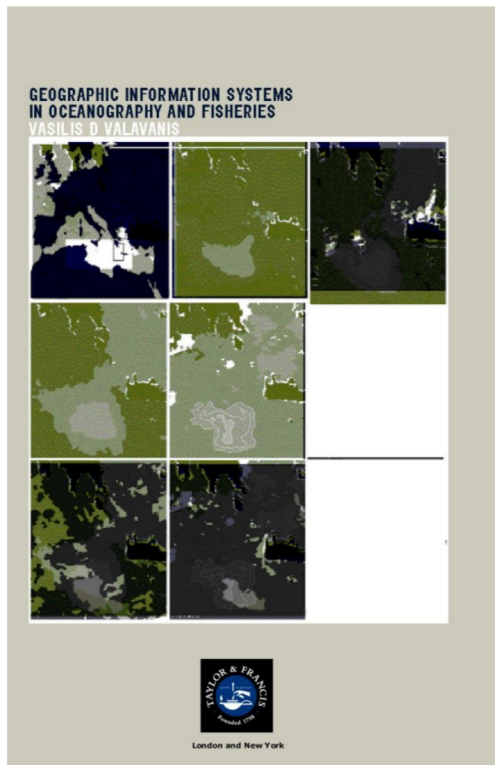
Google Scholar Author Page: <https://scholar.google.gr/citations?hl=en&user=aRu6AUMAAAJ>

- Valavanis VD (2002). Geographic Information Systems in Oceanography and Fisheries. Taylor & Francis, London, p240 (May 23, 2002).
- Valavanis VD (2008) (ed.). Essential Fish Habitat Mapping in the Mediterranean. Springer, Germany, p300.
- Pierce GJ, Valavanis VD, Santos BM, Portela JM (2011) (ed.). Marine Ecosystems and Sustainability. Springer, Germany, p333.
- Magliozzi C, Druon J, Palialexis A, ... Valavanis V, (2021). Pelagic habitats under the MSFD D1: scientific advice of policy relevance. EUR 30671 EN Publications Office of the European Union Luxembourg 2021 ISBN 978-92-76-35958-6 doi:10.2760/081368 JRC124882.
- Cochrane SKJ, DW Connor, P Nilsson, ... V Valavanis, (2010). Marine Strategy Framework Directive. Guidance on the interpretation and application of Descriptor 1: Biological diversity. Report by Task Group 1 on Biological diversity for the European Commission's Joint Research Centre, Ispra, Italy.

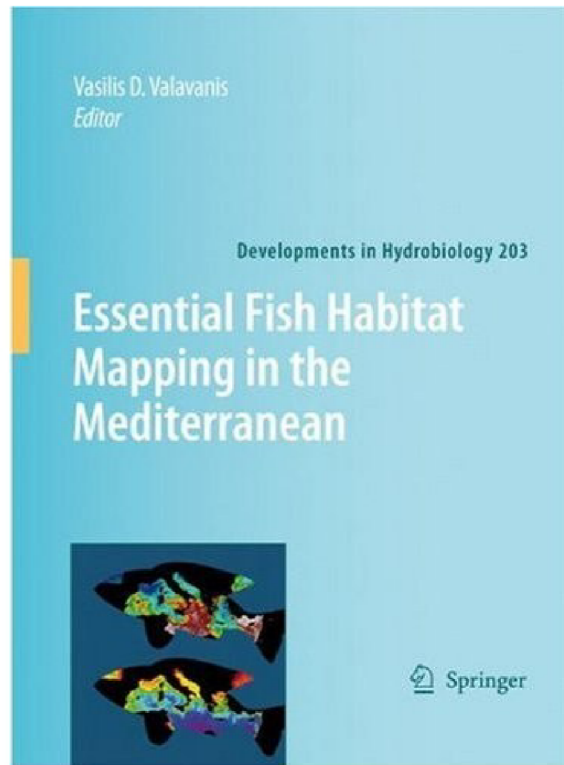
(Number of referred papers published) Journal Name

- (17) Hydrobiologia, (5) Bulletin of Marine Science, (5) Marine Ecology Progress Series, (4) Aquatic Conservation: Marine and Freshwater Ecosystems
 (2) Fisheries Oceanography, (2) International Journal of Geographical Information Science, (2) Scientific Reports, (1) Advances in Marine Biology
 (1) Aquatic Sciences - Research Across Boundaries, (1) Continental Shelf Research, (1) Deep-Sea Research Part II: Topical Studies in Oceanography
 (1) Ecological Modelling, (1) Elsevier Oceanography Series, (1) Estuarine, Coastal and Shelf Science, (1) Fisheries Research, (1) Frontiers in Marine Science
 (1) ICES Journal of Marine Science, (1) Marine Environmental Research, (1) Plos One, (1) Regional Studies in Marine Science
 (1) Remote Sensing for Environmental Monitoring, GIS Applications, and Geology, (1) Science of the Total Environment

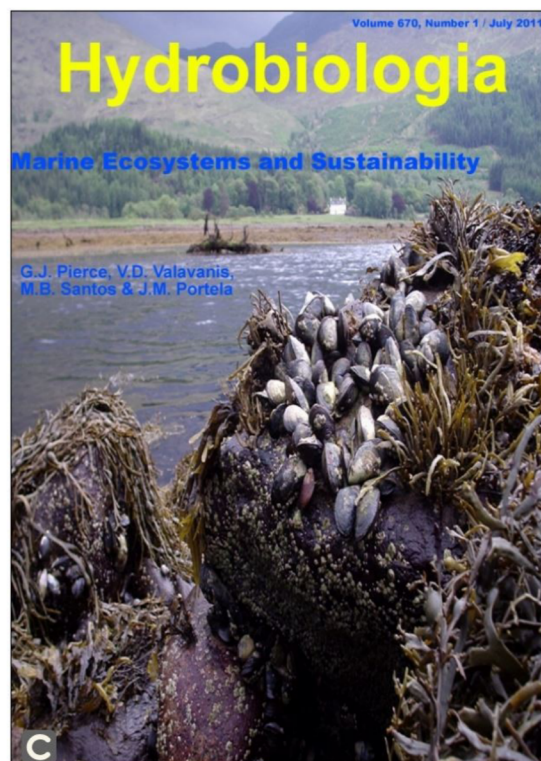
SELECTED PUBLISHED BOOKS & SPECIAL ISSUES (with web-links)



<http://arch.her.hcmr.gr/announce.html>



<http://arch.her.hcmr.gr/enviefh/hydrobio.html>



<http://arch.her.hcmr.gr/hydrobiologia11/hydrobio11.html>