



Europass Curriculum Vitae



Personal information

First name(s) / Surname(s) **Dimitrios Damalas**
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Fax(es)
E-mail shark@hcmr.gr; ddamalas@biol.uoa.gr
Nationality Hellenic (Greek)
Date of birth 28 March 1967
Gender Male

Work experience

Dates 30/11/2015 –
Occupation or position held Principal Researcher at the Institute of Marine Biological Resources and Inland Waters of the Hellenic Centre for Marine Research(www.hcmr.gr)
Main activities and responsibilities Small scale fisheries, Fisheries Ecologyincluding physical/biological interactions in marine ecosystems, chondrichthyan biology and conservation status, large pelagic fish behaviour and population dynamics, stock assessment of exploited marine species, spatial modelling, assessment of climate and anthropogenic impacts on marine ecosystems, MPAs, according to the institutional programme of the IMBRIW (<https://imbriw.hcmr.gr/dimitris-damalas/>)
Name and address of employer Institute of Marine Biological Resources & Inland Waters576 Vouliagmenis Avenue, Argyroupolis, 16452, Athens GREECE
Type of business or sector Research/Government

Dates 1/5/2014 – 29/11/2015
Occupation or position held Contract Agent Researcher Function Group IV in the Joint Research Centerof the European Commission (<http://ec.europa.eu/dgs/jrc/>)
Main activities and responsibilities Assist with coordination and running of the Scientific Technical and Economic Committee in Fisheries (STECF) Expert Workgroups (EWG) related to Mediterranean and Black Sea fisheries; Carry out research in fisheries (management, economics, enforcement) according to the institutional programme of the FISHREG sector (<http://fishreg.jrc.ec.europa.eu/>)
Name and address of employer FishReg Action – Maritime Affairs Unit - Institute for the Protection and Security of the Citizen (IPSC) – Joint Research Center - European Commission, Via E. Fermi, 2749, 21027 Ispra (VA), Italy (<http://fishreg.jrc.ec.europa.eu/>)
Type of business or sector Research/Government/European level

Dates 1/4/2011 – 31/3/2014
Occupation or position held Grantholder researcher in the Joint Research Centerof the European Commission (<http://ec.europa.eu/dgs/jrc/>)

Main activities and responsibilities	Cost and Benefits of Control Strategies in European Fisheries; Assist with coordination and running of the Scientific Technical and Economic Committee in Fisheries (STECF) Expert Workgroups (EWG) related to Mediterranean and Black Sea fisheries; Update and manage the Energy Efficiency in Fisheries website (https://energyefficiency-fisheries.jrc.ec.europa.eu/home); Carry out research in fisheries (management, economics, enforcement) according to the institutional programme of the FISHREG action (http://fishreg.jrc.ec.europa.eu/)
Name and address of employer	FishReg Action – Maritime Affairs Unit - Institute for the Protection and Security of the Citizen (IPSC) – Joint Research Center - European Commission, Via E. Fermi, 2749, 21027 Ispra (VA), Italy (http://fishreg.jrc.ec.europa.eu/)
Type of business or sector	Research/Government/European level
Dates	1/11/2009 – 31/03/2011
Occupation or position held	Contract researcher in EU funded Project MESMA (Monitoring and Evaluation of Spatially Managed Areas)
Main activities and responsibilities	GIS mapping of EUNIS ecotopes in European waters; Review of methods and tools for monitoring marine populations; Evaluate and identify selected marine regions in western Greece, for applying management plans; statistical analyses on fisheries collected data; samplings on-board commercial fishing vessels; participation in Project meetings; Dissemination/Technical reports
Name and address of employer	HCMR/IMBR (Hellenic Center for Marine Research, Institute for Marine Biological Resources). Agios Kosmas, Hellinikon, 16777, Athens, GREECE
Type of business or sector	Research/Government
Dates	1/4/2009 – 31/10/2009
Occupation or position held	Contract researcher in EU funded Project DEEPFISHMAN
Main activities and responsibilities	Estimation of deep sea populations status (biodiversity, abundance trends); case study: Ionian sea red black-spot seabream stock assessment based on EU DCF data; compilation of a review on Mediterranean deep water fisheries
Name and address of employer	HCMR/IMBR (Hellenic Center for Marine Research, Institute for Marine Biological Resources). Agios Kosmas, Hellinikon, 16777, Athens, GREECE
Type of business or sector	Research/Government
Dates	1/1/2009 – 31/3/2009
Occupation or position held	Contract researcher in the EU DCF-Data Collection Framework
Main activities and responsibilities	Statistical analyses on EU DCF bottom trawl discard rates; Estimation of discard ogives by major commercial species
Name and address of employer	HCMR/IMBR (Hellenic Center for Marine Research, Institute for Marine Biological Resources). Agios Kosmas, Hellinikon, 16777, Athens, GREECE
Type of business or sector	Research/Government
Dates	1/1/2008 – 31/12/2008
Occupation or position held	Contract researcher in the EU funded Project AFRAME (A framework for fleet and area based fisheries management)
Main activities and responsibilities	Use of EU DCF landings data to model fisheries performance; population dynamics; investigation of plausible management scenarios; socio-economics of fisheries sector using F-cube tool (FLR library); Case study: mixed fisheries management scenarios for some Greek demersal species
Name and address of employer	HCMR/IMBR (Hellenic Center for Marine Research, Institute for Marine Biological Resources). Agios Kosmas, Hellinikon, 16777, Athens, GREECE
Type of business or sector	Research/Government
Dates	1/7/2007 – 31/12/2007
Occupation or position held	Contract researcher in the EU funded Project EnviEFH (Environmental Approach to Essential Fish Habitat Designation: Identification and mapping of Mediterranean habitats)
Main activities and responsibilities	Identification and mapping of Mediterranean habitats based on linking fisheries data with oceanographical data

Name and address of employer	HCMR/IMBR (Hellenic Center for Marine Research, Institute for Marine Biological Resources). Gournes Pediados, 71003, Heraklion Crete, GREECE
Type of business or sector	Research/Government
Dates	15/10/2005 – 30/6/2007
Occupation or position held	Contract researcher in EU funded Project BECAUSE: Critical Interactions BETWEEN Species and their Implications for a PreCAUTIONARY Fisheries Management in a variable Environment - a Modelling Approach
Main activities and responsibilities	Modelling fishery data and population dynamics of European hake (<i>Merluccius merluccius</i>) based on EU DCF data: the cannibalism effect. Investigation of plausible effort control scenarios projecting future population status
Name and address of employer	HCMR/IMBR (Hellenic Center for Marine Research, Institute for Marine Biological Resources). Agios Kosmas, Hellinikon, 16777, Athens, GREECE
Type of business or sector	Research/Government
Dates	15/10/2003 – 14/10/2005
Occupation or position held	Contract researcher in the EU funded Project IMAS-Fish: Integrated Management System for the sustainability of Greek Fisheries resources
Main activities and responsibilities	Design and implementation of a web-based fisheries database; Incorporation of advanced statistical analyses for fisheries science; development of fisheries statistics algorithms; creation of S scripts for applying fisheries statistics through S-PLUS in a web environment; storage and querying DCF fishing fleet effort/zeal/landings data.
Name and address of employer	HCMR/IMBR (Hellenic Center for Marine Research, Institute for Marine Biological Resources). Agios Kosmas, Hellinikon, 16777, Athens, GREECE
Type of business or sector	Research/Government
Dates	1/10/1998 – 14/10/2003
Occupation or position held	Contract researcher in 4 EU funded Projects specializing in large pelagic fish: -SIDS-Sexual Identification and Development in the Swordfish; -EU PROJECT No 97/074 DG XIV/C1: Regulatory discard of swordfish -EU Project 97/50 DG XIV/C1: By-catches and discards of sharks in the large pelagic fisheries in the Mediterranean Sea -EU Project 96/093 DG XIV/C1: Incidence of the clupeoid purse seines on small tunas and tunas in the Mediterranean
Main activities and responsibilities	on-board sampling, market-sampling, lab analyses, statistical analyses, report dissemination
Name and address of employer	Section of Zoology-Marine Biology, Department of Biology, National & Kapodistrian University of Athens Panepistimiopolis, 15784, Athens, GREECE
Type of business or sector	Education/Government
Dates	1/1/1998 – 30/9/1998
Occupation or position held	Contract researcher in the national funded Project : 'Study of the Hellenic wood properties'
Main activities and responsibilities	statistical analysis of field and laboratory research data
Name and address of employer	Wood technology Laboratory, Forest Research Institute, National Agricultural Research Foundation (NAGREF), Terma Alkmanos, Ilissia, 11528, Athens, GREECE
Type of business or sector	Research/Government
Dates	1/3/1992 – 31/12/1992
Occupation or position held	Contract researcher in a national funded Project
Main activities and responsibilities	statistical analysis of climatic data derived from remote meteorological stations
Name and address of employer	Meteorology Laboratory, Forest Research Institute, National Agricultural Research Foundation (NAGREF), Terma Alkmanos, Ilissia, 11528, Athens, GREECE
Type of business or sector	Research/Government
Education and training	

Dates	Jan 2003 – Jul 2009
Title of qualification awarded	PhD
Principal subjects/occupational skills covered	Biological Oceanography; Fisheries Modelling; coupling fisheries with environment. Thesis: <i>"Comparative study on the influence of environmental factors on the distribution of Prionace glauca (blue shark) and Xiphias gladius (swordfish), of the Eastern Mediterranean pelagic ecosystem"</i> .
Name and type of organisation providing education and training	Section of Zoology-Marine Biology, Department of Biology, National & Kapodistrian University of Athens, GREECE. Type: Education/Government
Level in national or international classification	Level 6 in ISCED 1997 classification

Dates	Oct 1999 – Sep 2002
Title of qualification awarded	MSc
Principal subjects/occupational skills covered	Biological Oceanography; Ichthyology Thesis: <i>"Study of pelagic sharks populations in the Eastern Mediterranean"</i>
Name and type of organisation providing education and training	Section of Zoology-Marine Biology, Department of Biology, National & Kapodistrian University of Athens, GREECE. Type: Education/Government
Level in national or international classification	Level 6 in ISCED 1997 classification

Dates	Oct 1990 – Dec 1998 (Military service during 1996-1997)
Title of qualification awarded	Bachelor
Principal subjects/occupational skills covered	Mathematics
Name and type of organisation providing education and training	Department of Mathematics, National & Kapodistrian University of Athens, GREECE
Level in national or international classification	Level 6 in ISCED 1997 classification

Personal skills and competences

Mother tongue(s) **Greek**

Other language(s) **English; Italian; German; French**

Self-assessment
European level ()*

English

Italian

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
<i>C1</i>	<i>Proficient user</i>	<i>C1</i>	<i>Proficient user</i>	<i>C1</i>	<i>Proficient user</i>	<i>C1</i>	<i>Proficient user</i>	<i>C1</i>	<i>Proficient user</i>
<i>B2</i>	<i>Independent user</i>	<i>B2</i>	<i>Independent user</i>	<i>B2</i>	<i>Independent user</i>	<i>B2</i>	<i>Independent user</i>	<i>B2</i>	<i>Independent user</i>

(*) *Common European Framework of Reference for Languages*

Social skills and competences

- Team work: I have worked in various types of teams, from research workgroups to military platoons
- Exceptionally organised person
- Ability for synthetic and global viewing
- Ability to establish relations with people of different cultural backgrounds: responsible for numerous interviews surveying Greek fishermen perceptions
- Ability to live and/or serve in hardship conditions (undergone extended journeys on-board commercial fishing vessels in the open-sea, during very harsh weather conditions)

Organisational skills and competences	<p>Most of my later studies (MSc-PhD in Biological Oceanography) and research activities, were more or less linked to my initial background (Bachelor in Mathematics and Computer programming). As a result my research focused on applying statistical approaches in various cases of Marine Biology and Fisheries, and deriving biological interpretations out of fisheries collected data.</p> <p>My specialization is large pelagic fish (swordfish, tunas, sharks) and specifically chondrichthyans (sharks, rays, chimaeras). This was the subject of both my Master and PhD theses, and I participated in 4 EU funded projects studying large pelagic fish in the Mediterranean Sea. I have spent more than 200 days on-board commercial fishing vessels, recording catches, acquiring biological samples (stomachs, vertebrae, gonads, liver, tissues, blood-plasma). I focused on linking fishery and biological data with oceanographic features (temperature, salinity, thermal fronts, bathymetry etc.), attaining potential spatio-temporal distribution maps. Furthermore, I have applied ageing techniques on Mediterranean large pelagic sharks.</p> <p>However, in the past 8 years I have been active in monitoring, evaluating and assessing exploited stocks as a member of the HCMR scientific staff, mostly based on data gathered under the European Union Data Collection Framework (DCF) sampling scheme. I was involved in 9 relevant EU funded projects using DCF data to deal with diverse inquiries and deliverables.</p> <p>I was mostly responsible for applying statistical methodologies using R libraries and routines on DCF fisheries and socioeconomic data. Among them, the F-cube method ('FLEcon' library in R) was specifically designed and tested within the AFRAME Project for the Mediterranean fisheries, and is now an operational mixed fisheries management tool in ICES areas (Eastern Atlantic).</p> <p>In JRC I am responsible for investigating scenarios for different control strategies in European fisheries, taking into account Costs and Benefits for the society, the business sector and the state authorities. Currently a permanent member of the EU Scientific Technical and Economic Committee on Fisheries (STECF).</p> <p>Organised various seminars for non-specialists, in cooperation with NGO's regarding the awareness of the public to understand the role of sharks in the ecosystem.</p> <p>Co-organiser of various open sea cruises to study cetacean populations in the Greek Seas with volunteered eco-tourists (www.delphinus.gr)</p>
Technical skills and competences	Certified telecommunications technician (1996, Military School for Telecommunications)
Computer skills and competences	<p>OS: MS Windows, LINUX.</p> <p>DB: Oracle, MySQL</p> <p>Programming languages: Cobol, Pascal, C, Fortran, ADA.</p> <p>Statistical packages: MATLAB, STATISTICA, Statgraphics, S-PLUS, R (plus S language)</p> <p>MS Office and Open-Office experienced user</p> <p>"S/W Engineering" diploma from the Hellenic Centre for Productivity (1992)</p> <p>GIS – Seminar Marathon Data Systems (2002)</p>
Artistic skills and competences	Harmonica player
Other skills and competences	<ul style="list-style-type: none"> - Member of the Geotechnical Chamber of Greece, registered as Ichthyologist - Autonomous diving (PADI certification)
Driving licence	Type B (vehicles up to 3,500 kg – max 8 persons)

Additional information

Teaching experience

- Ichthyology courses (Biology Dept., University of Athens, Greece): Lab exercises and seminars during the years 2000, 2001, 2002, 2008, 2009, 2010. Author of two chapters in the "Ichthyology Lab courses - Vol II" for graduate students.
- Seminars (Bioinformatics postgraduate program, University of Athens, Greece). Application of Informatics in the Study and Preservation of Biodiversity: GIS and remote sensing techniques.
- Seminars (Oceanography postgraduate program, University of Athens, Greece). Introduction to Biological Oceanography: Marine Protected Areas.

Publications (in peer reviewed journals only)

More than 49 papers (google scholar link):

<https://scholar.google.gr/citations?user=cDrMIwAAAAJ&hl=el&oi=sra>

Web Of Science: <https://www.webofscience.com/wos/woscc/summary/0ef540cc-1168-4f0e-8427-61b0d4553938-21796e8b/relevance/1>

Books-chapters

1. IUCN 2010. IUCN Red List of Threatened Species in the Mediterranean. On-line version: <http://www.iucnredlist.org/initiatives/mediterranean>. Update of the 2010 version, on elasmobranchs of the Greek seas (Sharks, Rays, Chimaeras). 110 pp.
2. **Damalas, D.**, Tsamoura, A., Chilari, A., Konstantogianni, M., Kagiouzis, G., 2008. Management Types of Protected Marine Areas. *In*: Avramidis, S. Ed. HANDBOOK ON SAFETY AND LIFESAVING. Athens, Greece, pp.321-356. <http://lifeguardbooks.blogspot.com/2008/04/handbook-on-safety-lifesaving.html>

Others

An additional 40+ congress papers (ICES- www.ices.dk, CIESM – www.ciesm.org, etc.) and 40 technical reports of EU funded Projects

Annexes