

Curriculum Vitae

Personal information

First name(s) / Surname(s) **PYROUNAKI, MARIA MYRTO**
 Address(es) Hellenic Centre for Marine Research, PO Box 2214, 71003, Heraklion-Crete, Greece
 Telephone(s) +302810337715
 E-mail pirounaki@hcmr.gr
 Nationality Greek
 Date of birth 10/08/1982
 Gender Female

Work experience

Dates 2010 to present
 Occupation or position held Research associate, Fisheries Biologist
 Main activities and responsibilities Participation of European Communities research projects and National research projects related to fisheries. Acoustic surveying and data analysis for the estimation of pelagic fish stocks biomass off the Greek coast.
 Name and address of employer Hellenic Centre for Marine Research, PO Box 2214, 71003, Heraklion-Crete, Greece
 Type of business or sector Research Centre

Education and Training

Year October 2006 to October 2008
 Qualification MSc Marine Biology/ Biology Department of University of Crete (Greece)
 Theme Modelling the presence of juvenile anchovy (*Engraulis encrasicolus* L.) and juvenile sardine (*Sardina pilchardus* W.) schools in relations to environmental parameters in North Aegean Sea
 Principal subjects Courses related to marine biology and fisheries biology research; courses related to statistics applicable to biology
 Occupational skills covered - Acoustic data analysis, fisheries data analysis, hydrological data analysis
 - Statistical modelling: generalized additive models, habitat mapping

Year October 2000 to March 2006
 Title of qualification awarded BSc Biology/ Biology Department of Aristotle University of Thessaloniki (Greece)
 Principal subjects Courses related to marine biology, oceanography, aquaculture, zoology, genetics
 Occupational skills covered - Taxonomic classification of peracarids (Crustacea) to species level
 - Statistical data analysis

Personal skills and competences

Mother tongue(s) **Greek**
 Other language(s)

Self-assessment
 European level (*)

English

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
C2	Proficient user	C2	Proficient user	C2	Proficient user	C2	Proficient user	C2	Proficient user

(*) [Common European Framework of Reference for Languages](#)

Organisational skills and competences	- Participation in 11 national and European research projects - Writing of research reports
Technical skills and competences	- Organization of research project meetings and Working Group meetings - good command of fisheries acoustics data sampling and analysis through training and work - good command of habitat modelling techniques and habitat mapping through training and work - good command of environmental data sampling and analysis through training and work
Computer skills and competences	- good command on Microsoft Office, Word, Access and Excel through training and work
Programming and Statistics	- good command of statistical software (STATGRAPHICS, R statistical language) through training and work
Data mapping	- good command of GIS mapping software (ArcGIS)
Acoustic data handling	- good command of Hydroacoustic Data Processing software (Echoview)
Other skills and competences	- Co-author of 10 peer-reviewed papers in scientific journals - Co-author of 1 chapter in Scientific book - Author or co-author of 18 oral or poster presentations at scientific conferences and Working Groups - Co-author of 11 Working Group reports - Co-author of 7 research project reports - Citation index Google Scholar: h-index (8) https://scholar.google.com/citations?user=ZSIs1CIAAAAJ&hl=en Research Gate: h-index (7) https://www.researchgate.net/profile/Maria-Pyrounaki/scores
Scientific work	
Chapters in Scientific Books	GIANNOULAKI M., SCHISMENOU E., PYROUNAKI M.M. , TSAGARAKIS K., 2014. Habitat Characterisation & Migrations. In: 'Biology and Ecology of Anchovies & Sardines' (Ed. Ganias, K.). CRC Press, pp 190-241. ISBN 9781482228540. https://doi.org/10.1201/b16682-11
Peer reviewed publications	BARRA M., BONANNO A., HATTAB T., SARAUX C., IGLESIAS M., LEONORI I., TICINA V., BASILONE G., DE FELICE A., FERRERI R., MACHIAS A., VENTERO A., COSTANTINI I., JURETIC T., PYROUNAKI M.M. , BOURDEIX J.H., GASPAREVIC D., KAPELONIS Z., CANDUCI G., GIANNOULAKI M., 2021. Effects of sampling intensity and biomass levels on the precision of acoustic surveys in the Mediterranean Sea. <i>Mediterranean Marine Science</i> , 22 (4): 769-783. https://doi.org/10.12681/mms.26100
	DESPOTI S., MILISENDA G., LIGAS A., BENTES L., MAYNOU F., VITALEG S., GAROFALO G., SBRANA M., ERZINI K., TSERPES G., TSAGARAKIS K., MAINA I., PYROUNAKI M.M. , PAPAPOPOULOU N., MACHIAS A., COLLOCA F., FIORENTINO F., STERGIU K.I., GIANNOULAKI M., 2020. Marine spatial closures as a supplementary tool to reduce discards in bottom trawl fisheries: Examples from southern European waters. <i>Fisheries Research</i> 232. https://doi.org/10.1016/j.fishres.2020.105714
	GIANNOULAKI M., PYROUNAKI M.M. , BOURDEIX J.H., BEN ABDALLAH L., BONANNO A., BASILONE G., IGLESIAS M., VENTERO A., DE FELICE A., LEONORI I., VALAVANIS V.D., MACHIAS A., SARAUX C., 2017. Habitat Suitability Modeling to Identify the Potential Nursery Grounds of the Atlantic Mackerel and Its Relation to Oceanographic Conditions in the Mediterranean Sea. <i>Frontiers in Marine Science</i> , 4. https://doi.org/10.3389/fmars.2017.00230
	TSAGARAKIS K., GIANNOULAKI M., PYROUNAKI M.M. , MACHIAS A., 2015. Species identification of small pelagic fish schools by means of hydroacoustics in the Eastern Mediterranean Sea. <i>Mediterranean Marine Science</i> , 16 (1): 151-161. https://doi.org/10.12681/mms.799
	BONANNO A., GIANNOULAKI M., BARRA M., BASILONE G., MACHIAS A., GENOVESE S., GONCHAROV S., POPOV S., RUMOLO P., DI BITETTO M., ARONICA S., PATTI B., FONTANA I., GIACALONE G., FERRERI R., BUSCAINO G., SOMARAKIS S., PYROUNAKI M.M. , TSOUKALI S., MAZZOLA S., 2014. Habitat Selection Response of Small Pelagic Fish in Different Environments. Two Examples from the Oligotrophic Mediterranean Sea. <i>PLoS ONE</i> , 9 (7): 1-17. https://doi.org/10.1371/journal.pone.0101498

MACHIAS A., **PYROUNAKI M.M.**, LEONORI I., BASILONE G., IGLESIAS M., DE FELICE A., BONANNO A., GIANNOULAKI M., 2013. Catch of pelagic hauls in Mediterranean acoustic surveys: Is it the same between day and night? *Scientia Marina*, 77 (1): 69-79. <https://doi.org/10.3989/scimar.03656.21D>

GIANNOULAKI M., IGLESIAS M., TUGORES M.P., BONANNO A., PATTI B., DE FELICE A., LEONORI I., BIGOT J.L., TIČINA V., **PYROUNAKI M.M.**, TSAGARAKIS K., MACHIAS A., SOMARAKIS S., SCHISMENOU E., QUINCI E., BASILONE G., CUTTITA A., CAMPANELLA F., MIQUEL J., OÑATE D., ROOS D., VALAVANIS V.D., 2013. Characterizing the potential habitat of European anchovy *Engraulis encrasicolus* in the Mediterranean Sea, at different life stages. *Fisheries Oceanography*, 22 (2): 69-89. <https://doi.org/10.1111/foq.12005>

TSAGARAKIS K., **PYROUNAKI M.M.**, GIANNOULAKI M., SOMARAKIS S., MACHIAS A., 2012. Ontogenetic shift in the schooling behaviour of sardines, *Sardina pilchardus*. *Animal Behaviour* 84: 437-443. <https://doi.org/10.1016/j.anbehav.2012.05.018>

GIANNOULAKI M., **PYROUNAKI M.M.**, LIORZOU B., LEONORI I., VALAVANIS V.D., TSAGARAKIS K., BIGOT J.L., ROOS D., DE FELICE A., CAMPANELLA F., SOMARAKIS S., ARNERI E., MACHIAS A., 2011. Habitat suitability modelling for sardine juveniles (*Sardina pilchardus*) in the Mediterranean Sea. *Fisheries Oceanography* 20 (5): 367-382. <https://doi.org/10.1111/j.1365-2419.2011.00590.x>

VOULTSIADOU E., **PYROUNAKI M.M.**, CHINTIROGLOU C., 2007. The habitat engineering tunicate *Microcosmus sabatieri* (Roule, 1885) and its associated peracarid epifauna. *Estuarine, Coastal and Shelf Science* 74 (1-2): 197-204. <https://doi.org/10.1016/j.ecss.2007.04.003>

Presentations at conferences with peer-review process

KAPELONIS Z., SIAPATIS A., MACHIAS A., SOMARAKIS S., MARKAKIS K., GIANNOULAKI M., **PYROUNAKI M.M.**, TSOUKALI S., TSAGARAKIS K. 2019. Distribution and vertical migration of mesopelagic fish in Korinthiakos Gulf. *17th Hellenic Conference of Ichthyologists, Heraklion Greece, 31 October - 3 November 2019, Conference Proceedings p.62-65*

Type of presentation: Oral

DESPOTI S., LIGAS A., SBRANA M., TSERPES G., TSAGARAKIS K., **PYROUNAKI M.M.**, PAPADOPOULOU N., MACHIAS A., STERGIU K.I., GIANNOULAKI M. 2018. Where is the discarded catch of species with Minimum Conservation Reference Size? *12th Panhellenic Symposium on Oceanography and Fisheries, Kerkyra Greece, 30 May - 3 June 2018, Conference Proceedings p. 117*

Type of presentation: Oral

PYROUNAKI M.M., GIANNOULAKI M., TSAGARAKIS K., MACHIAS A. 2016. Biomass estimation of anchovy (*Engraulis encrasicolus*) and sardine (*Sardina pilchardus*) in the Eastern Ionian Sea using acoustic data. *16th Hellenic Conference of Ichthyologists, Kavala Greece, 6-9 October 2016, Conference Proceedings, p.157*

Type of presentation: Oral

STAMATAS S., MACHIAS A., **PYROUNAKI M.M.**, TSAGARAKIS K., KAPELONIS Z., SOMARAKIS S., COUTSIKOPOULOS C., GIANNOULAKI M. 2016. Distribution and behavior of small pelagic fish, populations in Amvrakikos gulf by means of hydroacoustics. *16th Hellenic Conference of Ichthyologists, Kavala Greece, 6-9 October 2016, Conference Proceedings, p.177*

Type of presentation: Oral

TSAGARAKIS K., GIANNOULAKI M., **PYROUNAKI M.M.**, SOMARAKIS S., MACHIAS A. 2012. Ontogenetic changes in sardine schooling behaviour. *10th Panhellenic Symposium on Oceanography and Fisheries, Athens Greece, 7-11 May 2012, Conference Proceedings vol. 070, p.172*

Type of presentation: Oral

PYROUNAKI M.M., MACHIAS A., GIANNOULAKI M., SOMARAKIS S., 2012. Comparison of day-night pelagic hauls in small pelagic acoustic surveys. *10th Panhellenic Symposium on Oceanography and Fisheries, Athens Greece, 7-11 May 2012, Conference Proceedings vol. 073, p.164*

Type of presentation: Oral

	<p>PYROUNAKI M.M., MACHIAS A., GIANNOULAKI M., 2012. Target strength equations for anchovy (<i>Engraulis encrasicolus</i>) and sardine (<i>Sardina pilchardus</i>) from acoustic surveys in Aegean Sea. <i>10th Panhellenic Symposium on Oceanography and Fisheries, Athens Greece, 7-11 May 2012, Conference Proceedings vol. 074, p.168</i></p> <p>Type of presentation: Oral</p>
	<p>TSAGARAKIS K., GIANNOULAKI M., PYROUNAKI M.M., SOMARAKIS S., MACHIAS A., 2009. Diurnal vertical migration of European anchovy in the Aegean Sea (Greece). <i>9th Panhellenic Symposium on Oceanography and Fisheries, Patras Greece, 13-16 May 2009, Conference Proceedings vol. 2, p. 783</i></p> <p>Type of presentation: Oral</p>
	<p>PYROUNAKI M.M., GIANNOULAKI M., TSAGARAKIS K., A. MACHIAS 2009. Spatial models of juvenile sardine schools (<i>Sardina pilchardus</i> W.) in relation to satellite environmental data in the area of North Aegean Sea. <i>9th Panhellenic Symposium on Oceanography and Fisheries, Patras Greece, 13-16 May 2009, Conference Proceedings vol. 2, p. 901</i></p> <p>Type of presentation: Oral</p>
Presentations at conferences and Working Group meetings without peer-review process	<p>TSAGARAKIS K., PYROUNAKI M.M., MACHIAS A., GIANNOULAKI M. 2016. Anoxic conditions over the bottom: Can they affect small pelagic fish schools' behavior and morphology? <i>ICES Working Group on Fisheries Acoustics Science and Technology Annual Meeting, Vigo, Spain, 19-22 April 2016.</i></p> <p>Type of presentation: Oral</p>
	<p>NIKOLIUDAKIS N., TSAGARAKI T. M., PYROUNAKI M.M., GIANNOULAKI M., MACHIAS A., SOMARAKIS S. 2015. Food web structure and small pelagic fish interactions in hypoxic conditions. <i>ICES CM: R18, ICES Annual Conference, Copenhagen, Denmark</i></p> <p>Type of presentation: Oral</p>
	<p>GIANNOULAKI M., IGLESIAS M., TUGORES M.P., PYROUNAKI M.M., LEONORI I., CAMPANELLA F., BONANNO A., PATTI B., BIGOT J.L., DE FELICE A., TIČINA V., BASILONE G., MACHIAS A., SOMARAKIS S., SCHISMENOU E., VALAVANIS V., TSERPES G., PAPADOPOULOU M., NIKOLOPOULOU M., CRISTINA M., MARTIN C., SPEDICATO M.T. 2013. Harmonising data from heterogeneous sources to characterise small pelagic fish habitat in the Mediterranean Sea. <i>ICES CM: G17, ICES Annual Conference, Reykjavik, Iceland</i></p> <p>Type of presentation: Oral</p>
	<p>GIANNOULAKI M., IGLESIAS M., TUGORES M.P., PYROUNAKI M.M., LEONORI I., CAMPANELLA F., BONANNO A., PATTI B., BIGOT J.L., DE FELICE A., TIČINA V., BASILONE G., MACHIAS A., SOMARAKIS S., VALAVANIS V., 2013. Characterising small pelagic populations' habitat in the Mediterranean Sea. <i>ICES Working Group on Fisheries Acoustics Science and Technology Annual Meeting, San Sebastian, 16-19 April 2013</i></p> <p>Type of presentation: Oral</p>
	<p>GIANNOULAKI M., PETITGAS P., BARRA M., TUGORES P., VASAPOLLO C., IGLESIAS M., LEONORI I., DE FELICE A., BONNANO A., BASILONE W., MAZZOLA S., BIGOT J.L., MACHIAS A., PYROUNAKI M.M., 2012. Density dependence in the spatial behavior of anchovy and sardine across Mediterranean systems. <i>ICES CM: B19, ICES Annual Conference, Bergen, Norway</i></p> <p>Type of presentation: Poster</p>
	<p>GIANNOULAKI M., MACHIAS A., PETITGAS P., PYROUNAKI M.M., TSAGARAKIS K., WOILLEZ M., 2012. Assess spatial indicators from single species acoustics estimates for ecosystem based management: Some possibilities from the Eastern Mediterranean Sea. <i>ICES CM: B13, ICES Annual Conference, Bergen, Norway</i></p> <p>Type of presentation: Oral</p>

	<p>GIANNOULAKI M., IGLESIAS M., TUGORES FERRA P., BONNANO A., QUINCI E., DE FELICE A., GRAMOLINI R., LIORZOU B., TIČINA V., PYROUNAKI M.M., TSAGARAKIS K., MACHIAS A., SOMARAKIS S., SCHISMENOU E., BASILONE W., LEONORI I., PATTI B., MIGUEL J., OÑATE D., ROOS D., BIGOT J.L., VALAVANIS V., 2010. Identifying the potential habitat of anchovy <i>Engraulis encrasicolus</i> during different life stages in the Mediterranean Sea. <i>ICES CM: R10, ICES Annual Conference, Nantes, France</i></p> <p>Type of presentation: Oral</p>
	<p>TSAGARAKIS K., MACHIAS A., GIANNOULAKI M., PYROUNAKI M.M., SOMARAKIS S., PAPACONSTANTINO C., 2009. Diurnal vertical migration of European anchovy in the Aegean Sea (Greece). <i>139th Meeting of the American Fisheries Society, Nashville, September 2009, Book of abstracts no 0048</i></p> <p>Type of presentation: Poster</p>
	<p>GIANNOULAKI M., LIORZOU B., DE FELICE A., LEONORI I., VALAVANIS V., MACHIAS A., PYROUNAKI M.M., TSAGARAKIS K., ROOS D., GRAMOLINI R., ARNERI E., 2009. The use of acoustics in identifying small pelagics' juvenile habitat in the Mediterranean. <i>ICES Working Group on Fisheries Acoustics Science and Technology Annual Meeting, Ancona 18-22 May 2009</i></p> <p>Type of presentation: Oral</p>
Research project reports	<p>KARACHLE P.K., GIANNOULAKI M., KATSANEVAKIS S., TSIKLIRAS A., SCARCELLA G., CHARTOSIA N., PETROU A., DIMARCHOPOULOU D., PETZA D., MARKANTONATOU V., SINI M., MICHAILIDI N., MAINA I., DOGRAMMATZI A., HADJIOANNOU L., JIMENEZ C., KAVADAS S., KOUKOUROUVLI N., MANIPOULOU M., PAPADOPOULOU N., PARDALOU A., PYROUNAKI M.M., SCANU M., SMITH C., STITHOU M., TSAGARAKIS K., TSERPES G., VASSILOPOULOU V., PANTAZI M. 2020. PROTOMEDEA: Marine protected areas: network(s) for enhancement of sustainable fisheries in EU Mediterranean waters, Final Report, DG MARE - Mare/2014/41. Luxembourg: Publications Office of the European Union, ISBN: 9789276171690. https://doi.org/10.2771/55595</p>
	<p>GIANNOULAKI M., PYROUNAKI M.M., DESPOTI S., MILISENDA G., GAROFALO G., VITALE S., LIGAS A., SBRANA M., MUSUMECI C., MAYNOU F., BENTES L., GONÇALVES J., ERZINI K. 2017. MINOUW: Science, Technology, and Society Initiative to minimize Unwanted Catches in European Fisheries. Work Package III. Impact assessment of minimizing unwanted catches and discarding. Deliverable 3.2.</p>
	<p>MILISENDA G., GAROFALO G., COLLOCA F., FIORENTINO F., VITALE S., GIANNOULAKI M., PYROUNAKI M.M., DESPOTI S., LIGAS A., MAYNOU F., BENTES L., GONÇALVES J.M.S., ERZINI K. 2017. MINOUW: Science, Technology, and Society Initiative to minimize Unwanted Catches in European Fisheries. Work Package I. Ecological, technical, social and economic characteristics of discarding fisheries. Deliverable 1.9.</p>
	<p>SCHISMENOU E. GIANNOULAKI M., SOMARAKIS S., TSIARAS K., PYROUNAKI M.M., MACHIAS A. 2016. SEAMAN: Spatially resolved Ecosystem models and their Application to Marine MANagement. Work Package IV. Climate driven and human induced changes in species distribution. SEAMAN Deliverables 4.1- 4.2.</p>
	<p>GIANNOULAKI M., TSIARAS K., PYROUNAKI M.M., SCHISMENOU E. 2016. SEAMAN: Spatially resolved Ecosystem models and their Application to Marine MANagement. Work Package II. Fish behaviour in response to environmental controls. SEAMAN Deliverables 2.1-2.2-2.3.</p>
	<p>GIANNOULAKI M., IGLESIAS M., LEONORI I., PATTI B., PYROUNAKI M.M., TUGORES P., CAMPANELLA F., SIAPATIS A., BASILONE G., D'ELIA M., MACHIAS A., DE FELICE A., SOMARAKIS S., VALAVANIS V., PAPADOPOULOU N., NIKOLOPOULOU M., BONANNO A., VASAPOLLO C., TSAGARAKIS K. 2013 Mapping of nursery and spawning grounds of small pelagic fish. Mediterranean Sensitive Habitats (MEDISEH), Final Report, DG MARE Specific Contract SI2.600741, Heraklion (Greece).</p>
	<p>GIANNOULAKI M., MACHIAS A., PYROUNAKI M.M., TSAGARAKIS K., IGLESIAS M., TUGORES P., MIQUEL J., DÍAZ N., VENTERO A., LEONORI I., DE FELICE A., BIAGIOTTI I., CAMPANELLA F., CANDUCI G., VASAPOLLO C., BONANNO A., BASILONE G., BARRA M., PATTI B., GENOVESE S., D'ELIA M., MAZZOLA S., PETITGAS P., DORAY M., BIGOT J.L., ROOS D. 2012. Harmonization of the acoustic data in the mediterranean 2002-2006 (AcousMed), Final Report. DG MARE NEGOTIATED PROCEDURE No MARE/2009/09, Iraklion (Greece).</p>

Working Group reports

MACHIAS A., TSAGARAKIS K., KAPELONIS Z., **PYROUNAKI M.M.**, SOMARAKIS S., SCHISMENOU E., MARKAKIS K., GIANNOULAKI M., 2024. Greek acoustic survey in GSAs 20 and 22. Report of 17th meeting for MEDiterranean International Acoustic Surveys (MEDIAS) in the framework of European Data Collection Framework (DCF). Palermo, Italy and ZOOM (Hybrid meeting), 9-11 April 2024

MACHIAS A., TSAGARAKIS K., KAPELONIS Z., **PYROUNAKI M.M.**, SOMARAKIS S., SCHISMENOU E., MARKAKIS K., GIANNOULAKI M., 2023. Greek acoustic survey in GSAs 20 and 22. Report of 16th meeting for MEDiterranean International Acoustic Surveys (MEDIAS) in the framework of European Data Collection Framework (DCF). Ljubljana, Slovenia and ZOOM (Hybrid meeting), 18-20 April 2023

MACHIAS A., TSAGARAKIS K., KAPELONIS Z., **PYROUNAKI M.M.**, TSOUKALI S., SOMARAKIS S., SCHISMENOU E., MARKAKIS K., GIANNOULAKI M., 2022. Greek acoustic survey in GSAs 20 and 22. Report of 15th meeting for MEDiterranean International Acoustic Surveys (MEDIAS) in the framework of European Data Collection Framework (DCF). Zoom, 05-07 April 2022

MACHIAS A., TSAGARAKIS K., KAPELONIS Z., **PYROUNAKI M.M.**, TSOUKALI S., SOMARAKIS S., SCHISMENOU E., MARKAKIS K., GIANNOULAKI M., 2021. Greek acoustic survey in GSAs 20 and 22. Report of 14th meeting for MEDiterranean International Acoustic Surveys (MEDIAS) in the framework of European Data Collection Framework (DCF). Zoom, 20-22 April 2021

GIANNOULAKI M., MACHIAS A., TSAGARAKIS K., **PYROUNAKI M.M.**, KAPELONIS Z., STAMATAS S., SOMARAKIS S., 2019. Greek acoustic survey in GSAs 20. Report of 12th meeting for MEDiterranean International Acoustic Surveys (MEDIAS) in the framework of European Data Collection Framework (DCF). Athens, Greece, 9-11 April 2019

GIANNOULAKI M., MACHIAS A., TSAGARAKIS K., **PYROUNAKI M.M.**, KAPELONIS Z., STAMATAS S., SOMARAKIS S., 2018. Greek acoustic survey in GSAs 20. Report of 11th meeting for MEDiterranean International Acoustic Surveys (MEDIAS) in the framework of European Data Collection Framework (DCF). Ancona, Italy, 17-19 April 2018

MACHIAS A., GIANNOULAKI M., TSAGARAKIS K., **PYROUNAKI M.M.**, KAPELONIS Z., SOMARAKIS S., SCHISMENOU E., 2017. Greek acoustic survey in GSAs 20 and 22. Report of 10th meeting for MEDiterranean International Acoustic Surveys (MEDIAS) in the framework of European Data Collection Framework (DCF). Palma de Mallorca, Spain, 4-6 April 2017

MACHIAS A., GIANNOULAKI M., TSAGARAKIS K., **PYROUNAKI M.M.**, SOMARAKIS S., SCHISMENOU E., 2016. Greek acoustic survey in GSAs 20. Report of 9th meeting for MEDiterranean International Acoustic Surveys (MEDIAS) in the framework of European Data Collection Framework (DCF). Split, Croatia, 5-7 April 2016

JARDIM E. (EDITOR), OSIO G.C., SCOTT F., GIANNOULAKI M., **PYROUNAKI M.M.**, TSAGARAKIS K., DAMALAS D., 2015. Stock Assessment of Hellenic Small Pelagic Stocks. Report of a4a short research project. Luxembourg: Publications Office of the European Union, ISBN: 9789279520860 <https://doi.org/10.2788/102281>

MACHIAS A., GIANNOULAKI M., TSAGARAKIS K., **PYROUNAKI M.M.**, SOMARAKIS S., NIKOLIOUDAKIS N., SCHISMENOU E., 2015. Greek acoustic survey in GSAs 20 and 22. Report of 8th meeting for MEDiterranean International Acoustic Surveys (MEDIAS) in the framework of European Data Collection Framework (DCF). Sète, France, 24-27 March 2015

MACHIAS A., GIANNOULAKI M., TSAGARAKIS K., **PYROUNAKI M.M.**, SOMARAKIS S., NIKOLIOUDAKIS N., SCHISMENOU E., 2014. Greek acoustic survey in GSAs 20 and 22. Report of 7th meeting for MEDiterranean International Acoustic Surveys (MEDIAS) in the framework of European Data Collection Framework (DCF). Iraklion, Crete, Greece, 8-11 April 2014

Research Projects	7/2023 - present: Research associate - permanent position, Institute of marine biological resources and inland waters, Hellenic Centre for Marine Research Job knowledge: Biology/ Marine ecosystems
Main activities and responsibilities	<ul style="list-style-type: none"> - Application of statistical models for fish habitat mapping - Acoustic data analysis from fisheries surveys - Participation in acoustic surveys
Main activities and responsibilities	<p>5/2022 – 7/2023: “Greek National Program of Collection Fisheries Data 2022-2023” National Funded Project</p> <ul style="list-style-type: none"> - Analysis of acoustic data for the estimation of abundance and distribution of small pelagic fish in Aegean and Ionian Sea
Main activities and responsibilities	<p>1/2022 – 4/2022: “STRANDINGS: Data analysis and archiving for charismatic species” Internal research project</p> <ul style="list-style-type: none"> - Participation in data analysis from the database of the stranding events of charismatic species - Statistical analysis by using R language - Application of spatial statistical models - Distribution mapping of the stranding events of charismatic species - Distribution mapping of marine mammals recorded during Pan-Mediterranean Acoustic Survey in Greece - Distribution mapping of small pelagic fish as feeding grounds of the target species
Main activities and responsibilities	<p>1/2020 – 12/2021: “Greek National Program of Collection Fisheries Data 2020-2021” National Funded Project</p> <ul style="list-style-type: none"> - Analysis of acoustic data for the estimation of abundance and distribution of small pelagic fish in Aegean Sea
Main activities and responsibilities	<p>10/2018 - 12/2019: “Greek National Program of Collection Fisheries Data 2017-2019” National Funded Project</p> <ul style="list-style-type: none"> - Analysis of acoustic data for the estimation of abundance and distribution of small pelagic fish in Aegean and Ionian Sea
Main activities and responsibilities	<p>10/2017 - 9/2018: “PROTOMEDEA: Towards the establishment of Marine Protected Area Networks in the Eastern Mediterranean” EU funded project - DG MARE</p> <ul style="list-style-type: none"> - Habitat modelling of the nursery grounds of certain fish species aiming to select new Marine Protected Areas
Main activities and responsibilities	<p>2/2016 - 9/2017: “MINOUW: Science, Technology, and Society Initiative to minimize Unwanted Catches in European Fisheries” EU Funded Project</p> <ul style="list-style-type: none"> - Validation of the ability of habitat models to explain the distribution of juvenile fish - Mapping the distribution of unwanted catches by using GIS technics - Estimating the overlapping between the distribution of unwanted catches and Marine Protected Areas
Main activities and responsibilities	<p>12/2014 - 12/2015: “SEAMAN: Spatially resolved Ecosystem models and their Application to Marine MANagement” National and EU Funded Project</p> <ul style="list-style-type: none"> - Estimation of the historic changes in habitat availability for anchovy by using simulation models - Validation of the prediction ability of the models

Main activities and responsibilities	4/2014 - 11/2014: "Greek National Program of Collection Fisheries Data 2014" National Funded Project - Analysis of acoustic data for the estimation of abundance and distribution of small pelagic fish in Aegean and Ionian Sea
Main activities and responsibilities	9/2013 - 12/2013: "Greek National Program of Collection Fisheries Data 2013" National Funded Project - Analysis of acoustic data for the estimation of abundance and distribution of small pelagic fish in Aegean and Ionian Sea
Main activities and responsibilities	8/2010 - 2/2012: "AcousMed: Harmonization of the acoustic data in the Mediterranean 2002-2006" DG Maritime Affairs and Fisheries: MARE/2009/09 - Analysis of acoustic data for optimization of survey design
Participation in workshops and courses	JRC training course in "FLR and a4a for Quantitative Fisheries Science" by Nekane Alzoriz Gamiz, Ernesto Jardim, Iago Mosqueira, Chato Osio, Ispra, Italy, 24-28 August 2015
	JRC training workshop in "Stock Assessment of Hellenic Small Pelagic Stocks with a4a" by Chato Osio, Finlay Scot, Ernesto Jardim, Ispra, Italy, 4-7 May 2015
	Training workshop in "The use of EchoR on the analysis of acoustic surveys data" by Dr Mathieu Doray (Ifremer), Vigo, Spain, 16-18 November 2014
	International Summer School in "Ecological Data Analysis" (ecodar2014) organized by the School of Environment of the University of the Aegean (4 ECTS credits), Crete, Greece, 7-12 July 2014
	Training workshop in "Myriax Echoview Training Workshop" by Dr Toby Jarvis (Echoview), Capo Granitola, Sicily, 8-9 April 2013
	Training workshop in "The use of EchoR on the analysis of acoustic surveys data" by Dr Mathieu Doray (Ifremer), Fuengirola, Spain, 27-28 November 2012
	Training workshop in "Geostatistical analysis and optimization of survey design of the acoustic surveys" by Dr Pierre Petitgas (Ifremer), Palma de Mallorca, Spain, 20-21 November 2010
	Summer school in "Underwater Acoustics" organized by the Institute of Applied and Computational Mathematics (IACM/FORTH), Crete, Greece, 18-27 June 2008
	SOCRATES/ ERASMUS programme, Bergen-Norway (5/1/2004 – 27/6/2004) Faculty of Marine Science: Marine fisheries Ecology
Participation in Working Groups	Annual Meeting of the Pan-Mediterranean Acoustic Survey, 18-20 April 2023, Ljubljana, Slovenia
	ICES Working Group on Acoustics and Egg Surveys (ICES WG ACEGG), Mazara del Vallo, Italy, 14-17 November 2016
	Annual Meeting of the Pan-Mediterranean Acoustic Survey, 8-11 April 2016, Split, Croatia
	Annual Meeting of the Pan-Mediterranean Acoustic Survey, 24-27 March 2015, Sète, France
	ICES Working Group on Acoustics and Egg Surveys (ICES WG ACEGG), Vigo, Spain, 16-19 November 2014
	Annual Meeting of the Pan-Mediterranean Acoustic Survey, 8-11 April 2014, Iraklion, Crete, Greece
	Annual Meeting of the Pan-Mediterranean Acoustic Survey, 21-23 March 2013, Capo Granitola, Sicily, Italy
	ICES Working Group on Acoustics and Egg Surveys (ICES WG ACEGG), 26-28 November 2012, Fuengirola, Spain
	Annual Meeting of the Pan-Mediterranean Acoustic Survey, 28-30 March 2011, Ancona, Italy
	Joint AcousMed project/ICES WGACEGG Workshop on Geostatistics (WKACUGEO), 20-21 November 2010, Palma de Majorca, Spain
Participation in research project meetings	MINOUW project meeting, 17-19 November 2015, Barcelona, Spain
	SEAMAN project meeting, 11-13 February 2014, Heraklion Crete, Greece
	MAREA MEDISEH project meeting, 26-28 September 2012, Rome, Italy
	AcousMed project meeting, 13-16 December 2011, Heraklion Crete, Greece

	MAREA MEDISEH project meeting, 11-13 October 2011, Heraklion Crete, Greece
	AcousMed project meeting, 22-24 November 2010, Palma De Mallorca, Spain
Organization of research project meetings/ Working Groups	MEDIAS Working Group meeting, Heraklion Crete, Greece, Hotel Astoria, 08-11 April 2014
	AcousMed project meeting, Heraklion Crete, Greece, Hotel Lato, 13-16 December 2011
	MAREA MEDISEH project meeting, Heraklion Crete, Greece, Hotel Lato, 11-13 October 2011
Participation in field trips and surveys	Acoustic technician. Acoustic survey for the estimation of small pelagic abundance off the coastal waters of Aegean Sea (Greece) R/V PHILIA, Hellenic Centre for Marine Research, August 2023
	Acoustic technician. Acoustic survey for the assessment of small and medium pelagic fish resources in Cyprus territorial waters R/V PHILIA, Hellenic Centre for Marine Research, March 2023
	Acoustic technician. Acoustic survey for the estimation of small pelagic abundance off the coastal waters of Ionian Sea (Greece) R/V PHILIA, Hellenic Centre for Marine Research, September 2022
	Acoustic technician. Acoustic survey for the estimation of small pelagic abundance off the coastal waters of Aegean Sea (Greece) R/V PHILIA, Hellenic Centre for Marine Research, June 2022
	Acoustic technician, Acoustic equipment calibration in the gulf of Heraklion R/V PHILIA, Hellenic Centre for Marine Research, December 2016
	Acoustic technician. Acoustic survey for the estimation of small pelagic abundance off the coastal waters of Ionian Sea (Greece) R/V PHILIA, Hellenic Centre for Marine Research, September 2016
	Acoustic technician. Acoustic survey for the estimation of small pelagic abundance off the coastal waters of Aegean Sea (Greece) R/V PHILIA, Hellenic Centre for Marine Research, June 2016
	Acoustic technician. Acoustic survey for the estimation of small pelagic abundance in Amvrakikos gulf (Greece) R/V PHILIA, Hellenic Centre for Marine Research, April 2016
	Acoustic technician. Acoustic survey for the estimation of small pelagic abundance in Saronikos gulf (Greece) R/V PHILIA, Hellenic Centre for Marine Research, December 2015
	Acoustic technician. Acoustic survey for the estimation of small pelagic abundance off the coastal waters of Ionian Sea (Greece) R/V PHILIA, Hellenic Centre for Marine Research, October 2015
	Acoustic technician. Acoustic survey for the estimation of small pelagic abundance off the coastal waters of Ionian Sea (Greece) R/V PHILIA, Hellenic Centre for Marine Research, September 2014
	Acoustic technician. Acoustic survey for the estimation of small pelagic abundance off the coastal waters of Aegean Sea (Greece) R/V PHILIA, Hellenic Centre for Marine Research, June 2014