


PERSONAL INFORMATION

ArchontiaChatzisyrou

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Date of birth 10 November 1977 | Nationality Greek

EDUCATION AND TRAINING

03/2017–Present

PhD candidate

Department of Biology, University of Patras, Rio, Greece.

PhD thesis: "Investigating the biology and ecology of the Superorder Batoidae in the eastern Ionian Sea". *Supervisor: Prof. C. Koutsikopoulos*

09/2002-07/2005

MSc in Biological Oceanography

Department of Zoology- Marine Biology, National and Kapodistrian University of Athens.

MSc thesis: "Reproductive biology and feeding habits of the spiny dogfish, *Squalus acanthias*, in the Eastern Mediterranean Sea". *Supervisor: Prof. P. Megalofonou*

09/1996-06/2000

BSc in Marine Biology

Department of Zoology, Aberdeen University, Scotland, U.K.

BSc Thesis: "The ultrastructure of the integumental organs of *Lepeophtheirus salmonis* (Copepoda: Caligidae), in relation to sex pheromone release". *Supervisor: Prof. J. Mordue*

WORK EXPERIENCE

09/2013–Present

Research Assistant

Hellenic Centre for Marine Research, Argyroupoli, Athens (Greece)

Institute of Marine Biological Resources and Inland Waters

"National Fisheries Data Collection (DCF) program".

- *Maturity staging in commercial species (bony fish, crustacean, elasmobranchs)*
- *Applying ageing methodologies in commercial fish*
- *data entry and analysis*
- *preparing technical reports and participating in workshops/ meetings*

02/2022-08/2022

Research Assistant

Hellenic Centre for Marine Research, Argyroupoli, Athens (Greece)

Institute of Oceanography

"Marine Strategy Framework Directive (MSFD) program"

- *Participation in the preparation of the final list of vulnerable/ threatened species in the Greek Seas*
- *Preparation of monitoring proposals*
- *Writing technical reports for the Directive 1 (Biodiversity)*

08/2014-Present

Research Assistant

Hellenic Centre for Marine Research, Argyroupoli, Athens (Greece)

"MEDITS program"

- *Biological sampling with experimental bottom-trawl in Saronikos gulf and the Ionian Sea*

11/2004–02/2008

Marine biologist

MOm/Hellenic Organization for the Study and the Protection of the monk seals, Athens and Alonissos (Greece)

Rescue and Rehabilitation

- rescuing wounded and sick monk seals
- rehabilitating assistant in the Rehabilitation Centre of monk seals, in Alonnisos
- carrying out necropsies on stranded seals
- participating in meetings and Conferences on marine mammals
- prepare reports and proposals
- participated in Environmental Education in schools of the Greek islands

08/2005–06/2006

Research Assistant

National and Kapodistrian University of Athens (Greece)

Department of Zoology- Marine Biology

"PYTHAGORAS II: monitoring the effect of fisheries and pollution in Chondrichthyan fish of the coastal areas of the eastern Mediterranean Sea"

- Collection of samples from the fishing markets
- Preparation and participation in students' laboratory work (dissecting and collecting samples from dogfish specimens)
- Collecting samples for heavy metal analysis

2005–2008

Research Assistant

MOm, The Hellenic Society for the Study and Protection of the Mediterranean Monk Seal, Athens (Greece)

The MOFI project "Monk seal and Fisheries: Mitigating the conflict in Greek Seas". LIFE-Nature 2005.

- Collecting data on stranded seals
- Reporting the causes of death of the monk seals in the Greek waters

07/2004–07/2005

Research Assistant

MOm, Hellenic Society for the Study and Protection of the Mediterranean Monk Seal, Athens (Greece)

MICRO II project: "The Mediterranean Monk seal: Confronting emergencies in the Eastern Mediterranean through exchange of know-how and network building". Greece - Turkey co-operation.

- Exchanging experience with the Turkish group working on monk seals of the Aegean Sea.

2002–2003

Research Assistant

National and Kapodistrian University, Athens (Greece)

Department of Zoology- Marine Biology

ELKE project "Fisheries biology of the large pelagic fish of the Greek Seas"

- Collecting biological data on large pelagic fish.

PERSONAL SKILLS

Mother tongue(s)

Greek

Foreign language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C2	C2	C2
Spanish	A1	A1	A1	A1	A1
French	A2	A2	A1	A1	A2

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user [Common European Framework of Reference for Languages](#)

Organizing skills

- Organized the European workshop entitled "Ensuring the survival of the monk seal pups in Greece". July 2015, Athens, Greece.

- Training on the Rescue and Rehabilitation of Marine Mammals, Marine Mammal Centre, San Francisco, California, 1-31 May 2006.

ADDITIONAL INFORMATION

- Member of International workshops on the ageing criteria and the evaluation of the maturity stages of bony fish and elasmobranchs (ICES working groups, 2018-present).
- Member of the ICES Working group on By-catch of vulnerable/protected species (WKCOFIBYC and WGBYC expert groups, 2021-present).
- Member of the STREAMLINE teams groups, Task 2.2 “The incidental by-catch of vulnerable species” (2021- present).

Volunteering work

1. Volunteering Program on the Cetacean of the Canary Islands, Proyecto Ambiental, Tenerife, Spain. 1- 30 September 2000.
2. Summer Volunteering Program, Pelagos Institute, Greece: *Monitoring populations of dolphins and sperm whales of the Ionian Sea*. August 2004- September 2004.

Reviewer in

Annales, Series Historia Naturalis - 2022
Sea Research Journal- 2021
Mediterranean Marine Science Journal- 2021
Frontiers in Marine Science: Marine Biology Journal - 2021
Journal of Ecology and Evolutionary biology – 2020
Journal of Marine and Freshwater Research - 2020
Biodiversitas: Journal of Biological Diversity– 2020.
International Journal “Thalassas” (Journal of Marine Sciences) – 2019

Citations

235 (h-index:7)

Publications

1. Dimitris V. Politikos, Nikolaos Sykiniotis, Georgios Petasis, Pavlos Dedousis, Alba Ordoñez, Rune Vabø, Aikaterini Anastasopoulou, Elde Moen, Chryssi Mytilineou, Arnt-Børre Salberg, **Archontia Chatzisyrou**, and Ketil Malde (2022) “*DeepOtolith v1.0: An Open-Source AI Platform for Automating Fish Age Reading from Otolith or Scale Images*” *Fishes* 7, no. 3: 121. <https://doi.org/10.3390/fishes7030121>.
2. Andrea Bellodi, Anna Benvenuto, Riccardo Melis, Antonello Mulas, Monica Barone, Claudio Barriá, Alessia Cariani, Laura Carugati, **Archontia Chatzisyrou**, Monique Desrochers, Alice Ferrari, Javier Guallart, Farid Hemida, Cecilia Mancusi, Carlotta Mazzoldi, Sergio Ramírez-Amaro, Javier Rey, Danilo Scannella, Fabrizio Serena, Fausto Tinti, Adriana Vella, Maria Cristina Follesa, Rita Cannas (2022) “*Call me by my name: unravelling the taxonomy of the gulper shark genus Centrophorus in the Mediterranean Sea through an integrated taxonomic approach*”. *Zoological Journal of the Linnean Society*, zlab110, <https://doi.org/10.1093/zoolinnean/zlab110>
3. Zoe Giagkazoglou, Andrew Mark Griffiths, Anastasia Imsiridou, **Archontia Chatzisyrou**, Konstantinos Touloumis, Jake L. Hebb, Dimitra Mylona, Anna K. Malamidou, Evangelia D. Apostolidi, Ioannis E. Batjakas, Chrysoula Gubili (2022) “*Flying under the radar: DNA barcoding ray wings in Greece detects protected species and umbrella labelling terms*”. *Food Control*. <https://doi.org/10.1016/j.foodcont.2021.108517>.
4. **Archontia Chatzisyrou**, Chrysoula Gubili, Konstantinos Touloumis, Dimitrios Karampetsis, Serafeim Kioulouris, Aikaterini Anastasopoulou, Aristeidis Christidis, Panagiota Peristeraki, Ioannis Batjakas, Constantin Koutsikopoulos (2021) “*Life-history traits of the marbled electric ray, Torpedo marmorata, Risso 1810, from the Greek Seas (north-eastern Mediterranean Sea)*”. *Environmental Biology of fishes*. <https://doi.org/10.1007/s10641-021-01174-9>.
5. Dimitris V. Politikos, Georgios Petasis, **Archontia Chatzisyrou**, Chryssi Mytilineou, Aikaterini Anastasopoulou (2021) “*Automating fish age estimation combining otolith images and deep learning: The role of multitask learning*”. *Fisheries Research*, 242, 1-11.
6. **Archontia Chatzisyrou**, Chrysoula Gubili, Maria Laiaki, Danai Mantopoulou-Palouka, Stefanos Kavadas (2020) “*First record of the marbled ray *Dasyatis marmorata* (Elasmobranchii: Dasyatidae), from Greece (central Aegean Sea)*”. *Biodiversity Data Journal*, 8: e51100. <https://doi.org/10.3897/BDJ.8.e51100>.
7. Pierluigi Carbonara, Walter Zupa, Aikaterini Anastasopoulou, Andrea Bellodi, Isabella Bitetto, Charis Charilaou, **Archontia Chatzisyrou**, Romain Elleboode, Antonio Esteban, Maria Cristina Follesa, Igor Isajlovic, Angélique Jadaud, Cristina García-Ruiz, Amalia Giannakaki, Beatriz Guijarro, Sotiris Elias Kiparissis, Alessandro Ligas, KeligMahé, Andrea Massaro, Damir Medvesek, Chryssi Mytilineou, Francesc Ordines, Paola Pesci, Cristina Porcu, Panagiota Peristeraki, Ioannis Thasitis, Pedro Torres, Maria Teresa Spedicato, Angelo Tursi, Letizia Sion (2019) “*Explorative analysis on Mullus barbatus ageing data variability in Mediterranean*

- basin". *Scientia Marina* 83S1 (<https://doi.org/10.3989/scimar.04999.19A>).
8. **Archontia Chatzisyrou**, Maria Aroni, Evgenia Lefkadiou, Kostas Kapiris, Ioannis Givos, Aikaterini Anastasopoulou (2019) "*Some biological information on a female kitefin shark, Dalatias licha (Bonnaterre, 1788) stranded in the Laconikos gulf of Greece (SE Ionian Sea)*". *Turkish Journal of Fisheries and Aquatic Sciences*, 19(12): 1069-1072.
 9. Mario Sbrana, Walter Zupa, Alessandro Ligas, Francesca Capezzuto, **Archontia Chatzisyrou**, Maria Cristina Follesa, Vita Gancitano, Beatriz Guijaro, Igor Isajlovic, Angelique Jadaud, Olivera Markovic, Reno Micallef, Panagiota Peristeraki, Corrado Piccinetti, Ioannis Thasitis, Pavlos Vidoris, Pierluigi Carbonara (2019) "*Spatiotemporal abundance pattern of deep-water rose shrimp, Parapenaeus longirostris, and Norway lobster, Nephrops norvegicus, in European Mediterranean waters*". *Scientia Marina* 83S1 (<https://doi.org/10.3989/scimar.04858.27A>).
 10. Theodosia Pazartzi, Styliani Siaperopoulou, Chrysoula Gubili, Styliani Maradidou, Dimitris Loukovitis, **Archontia Chatzisyrou**, Andrew Mark Griffiths., George Minos, Anastasia Imsiridou (2019) "*High levels of mislabeling in shark meat – investigating patterns of species utilisation with DNA barcoding in Greek retailers*". *Food Control*, 98: 179-186 (<https://doi.org/10.1016/j.foodcont.2018.11.019>).
 11. Ioannis Givos, **Archontia Chatzisyrou**, Nickos Doumpas, Vasilis-Orestis Stoilas, Dimitrios K. Moutopoulos (2018) "*Using unconventional sources of information for identifying critical areas for the endangered guitarfish in Greece*". *Journal of the Black Sea*. Vol.24. No.1: 38-50.
 12. **Archontia Chatzisyrou**, Paraskevi Niki Lampri, Ioannis Fytilakos, Kostas Kapiris (2018) "*Morphological study of the deep-water rose shrimp Parapenaeus longirostris (Lucas, 1846) (Crustacea: Decapoda: Dendrobranchiata, Penaeidae) in the eastern Ionian and Aegean Sea (e. Mediterranean Sea)*". *Cahiers de Biologie Marine*. 59: 1-7.
 13. **Archontia Chatzisyrou** and Aikaterini Anastasopoulou (2016) "*Otolith weight, fish length and otolith length relationships of the red mullet Mullus barbatus (Linnaeus 1758)*". *Mediterranean Marine Science*, 17/3, Collective Article B, 825-826.
 14. Paraskevi Niki Lampri, **Archontia Chatzisyrou** and Kostas Kapiris (2015) "*The growth of appendix masculina of the Norway lobster (Nephrops norvegicus) in the Central Aegean Sea (e. Mediterranean)*". *Turkish Journal of Fisheries and Aquatic Sciences*. 15:1-2.
 15. Alexandros Karamanlidis, Evgenia Androukaki, Stella Adamantopoulou, **Archontia Chatzisyrou**, William M. Johnson, Spyros Kotomatas, Anastasios Papadopoulos, Vangelis Paravas, Giorgos Paximadis, Rosa Pires, Eleni Tounta, Panagiotis Dendrinou (2008) "*Assessing accidental entanglement as a threat to the Mediterranean monk seal Monachus monachus*". *Endangered Species Research*.
 16. Panagiotis Dendrinou, Stella Adamantopoulou, Evgenia Androukaki, **Archontia Chatzisyrou**, Alexandros Karamanlidis, Vangelis Paravas, Eleni Tounta and Spyros Kotomatas (2007) "*Mediterranean Monk Seal Monachus monachus and Fisheries: Conserving Biodiversity and Mitigating a Conflict in Hellenic Seas*". *State of Hellenic Fisheries, Institute of Marine Biological Resources, Hellenic Center for Marine Research, Athens*, pp.287-293.
 17. Persefoni Megalofonou and **Archontia Chatzisyrou** (2006) "*Sexual maturity and feeding of the gulper shark, Centrophorus granulosus, from the Eastern Mediterranean Sea*". *CYBIUM*, 30(4), 67-74.
 18. **Archontia Chatzisyrou** and Persefoni Megalofonou (2005) "*Sexual maturity, fecundity and embryonic development of the spiny dogfish (Squalus acanthias) in the Eastern Mediterranean Sea*". *Journal of the Marine Biological Associations of the United Kingdom*, 85, 1155-1161.

Conferences

Giagakzoglou Z., Griffiths A. M., Imsiridou A., **Chatzisyrou A.**, Touloumis K., Hebb J.L., Mylona D., Malamidou A.K., Apostolidi E.D., Batjakas I.E., Gubili C. "Protection under the shade: lack of labeling legislation and umbrella terms allow protected species in batoid wings from Greece". 4th International Congress on Applied Ichthyology, Oceanography and Aquatic Environment (HydroMediT 2021), Mytilene, Greece. 4-6 November 2021.

Karampetsis D., **Chatzisyrou A.**, Gubili C., Touloumis K., Kioulouris S., Anastasopoulou A., Koutsikopoulos C., Batjakas I. E. "Length-weight relationship and reproduction of the marbled electric ray *Torpedo marmorata* (Risso, 1810), from the Greek Seas". 4th International Congress on Applied Ichthyology, Oceanography and Aquatic Environment (HydroMediT 2021), Mytilene, Greece. 4-6 November 2021.

Giagakzoglou Z., Gubili C., Griffiths A.M., **Chatzisyrou A.**, Touloumis K., Minos G., Batjakas I.E., Imsiridou A. "Investigating patterns of species utilization in Greek elasmobranch products with DNA barcoding" International Conference of ISEKI (Integrating Food Science and Engineering Knowledge into the Food Chain), Thessaloniki, Greece. 10-12 November 2021.

Politikos, D.V., Petasis G., **Chatzisyrou A.**, Mytilineou C., Anastasopoulou A. "Automating fish age estimation from otolith images using deep learning". SETN 2020 - 11th Hellenic Conference on Artificial Intelligence. Athens, Greece. 2-4 September 2020.

Archontia Chatzisyrou, Aikaterini Anastasopoulou, Constantin Koutsikopoulos. "Morphometric analysis of

the thornback ray *Raja clavata* (Linnaeus, 1758), from the eastern Ionian Sea". 23rd European Elasmobranch Association Scientific Conference, Rende, Italy, 16-18 October **2019**.

ArchontiaChatzisyrou, ChrysoulaGubili, AikateriniAnastasopoulou, Constantin Koutsikopoulos. "Resolving taxonomic confusion in the Rajidae (Superorder Batoidea) through DNA sequencing: the case of *Raja clavata* in the eastern Ionian Sea". 23rd European Elasmobranch Association Scientific Conference, Rende, Italy, 16-18 October **2019**.

ChrysoulaGubili, **ArchontiaChatzisyrou**, Georgios Minos, Anastasia Ismiridou, Andrew M. Griffiths. "High levels of mislabelling in elasmobranch meat products- Investigating species utilisation with DNA barcoding in the Mediterranean". 23rd European Elasmobranch Association Scientific Conference, Rende, Italy, 16-18 October **2019**.

ArchontiaChatzisyrou, ChryssiMytilineou, AikateriniAnastasopoulou. "Biological aspects of common pandora (*Pagelluserythrinus*) from the Greek waters". **ICES** Workshop on age reading of common Pandora (*Pagelluserythrinus*), STrengtheningRegional cooperation in the Area of fisheries biological data collection in the Mediterranean and Black Sea STREAM (SI2.770115). Livorno, Italy, 26-28 March **2019**.

Imsiridou A., Gubili C., Pazartzi T., Siaperopoulou S., Maradidou S., **Chatzisyrou A.**, Loukovitis D., Minos G. "Detection of mislabeling and endangered species in "galeos" shark meat from Greek markets using DNA barcoding". 5th Food Integrity Conference, Nantes, France, 14-15 November **2018**.

ArchontiaChatzisyrou and AikateriniAnastasopoulou. "A Devil not so evil: new data from a female *Mobulamobular* (Bonnaterre, 1788) caught in Greece". 22nd Annual European Elasmobranch Association Scientific Conference, Peniche, Portugal, 12-14 October **2018**.

Chatzisyrou A, Anastasopoulou A, MytilineouCh, Papantoniou V, Panagiotou A. "Growth parameters of red mullet *Mullus barbatus* (Linnaeus, 1758) in the Greek waters". 12th Panhellenic Symposium of Oceanography and Fisheries, Ionian University, Corfu, 30 May-3 June **2018**.

ArchontiaChatzisyrou, EvgeniaLefkaditou, Constantin Koutsikopoulos. "Spatial distribution of skates and rays in the eastern Ionian Sea (Mediterranean Sea)". 21st Annual European Elasmobranch Association Scientific Conference, Amsterdam, the Netherlands, 12-14 October **2017**.

ArchontiaChatzisyrou, AikateriniAnastasopoulou, ChryssiMytilineou. "A first approach to validate the age of *Mullus barbatus* in the Eastern Ionian Sea.ICES Workshop on Ageing Validation methodology of Mullus species (WKVALMU).Conversano, Italy. 15-18 May **2017**.

ArchontiaChatzisyrou, AikateriniAnastasopoulou, ChryssiMytilineou, StefanosKavadas, VassilikiPapantoniou, AimiliaPanagiotou. "Preliminary study of the reproductive cycle of the red mullet (*Mullus barbatus*) in the Aegean Sea".16th Hellenic Conference of Ichthyologists. Kavala, Greece. 6-9 October **2016**.

ArchontiaChatzisyrou, ArgyrisKallianiotis, George Christidis, AggelikiAdamidou, StefanosKavadas, Kostas Kapiris. "Reproductive aspects of the rose shrimp (*Parapenaeuslongirostris*) in the Aegean and Ionian Sea".16th Hellenic Conference of Ichthyologists. Kavala, Greece. 6-9 October **2016**.

Kostas Kapiris, **ArchontiaChatzisyrou**, ArgyrisKallianiotis, StefanosKavadas, AikateriniDogrammatzi, AggelikiAdamidou: Reproductive patterns of Norway lobster (*Nephropsnorvegicus*) in the Aegean Sea. 16th Hellenic Conference of Ichthyologists. Kavala, Greece. 6-9 October **2016**.

P-N.Lampri, **A. Chatzisyrou**, Ch.Mytilineou and K.Kapiris."Preliminary results of the growth of male secondary sexual characters of the Norway lobster (*Nephropsnorvegicus*) in the Aegean Sea".International Symposium on Fisheries and Aquatic Science. Trabzon, Turkey, 25-27 September **2014**.

A.Chatzisyrou, A.Anastasopoulou, Ch.Mytilineou, P.Bekas, A.Kallianiotis and J.Haralabous. "Using otolith weight to improve age estimation in red mullet *Mullet barbatus*".5th International Otolith Symposium (ICES).Mallorca, Balearic islands, Spain. 20-24 October **2014**.

A.Chatzisyrou, A.Anastasopoulou, Ch.Mytilineou, P.Bekas and A.Kallianiotis. "Age estimation of the red mullet (*Mullus barbatus*) in the Eastern Mediterranean Sea".1st International Congress of Applied Ichthyology & Aquatic Environment. Volos, Greece. 13-15 November **2014**.

A. Chatzisyrou, P-N.Lampri, I.Fytilakos, Ch.Mytilineou and K.Kapiris."Morphological study of *Parapenaeuslongirostris* (Penaidae) in the Eastern Mediterranean Sea.1st International Congress of Applied Ichthyology & Aquatic Environment. Volos, Greece. 13-15 November **2014**.

E. Androukaki, **A. Chatzisyrou**, S. Adamantopoulou, P. Dendrinou, A. Komnenou, T. Kuiken, E. Tounta and S. Kotomatas "Investigating the causes of death in monk seals, stranded in coastal Greece (1986-2004)". 20th Conference of the European Cetacean Society. Gdynia, Poland, 2-7 April **2006**.

E. Androukaki, S. Adamantopoulou, **A. Chatzisyrou**, P. Dendrinou, A. Komnenou, E. Tounta and S. Kotomatas "Rescuing Mediterranean monk seals in Greece: mitigating the seal-fisheries conflict". 34th Annual Symposium of the European Association for Aquatic Mammals. Riccione, Italy, 17-20 March **2006**.

P. Megalofonou and **A. Chatzisyrou**. "Observations on the biology and ecology of the deep-sea shark *Centrophorusgranulosus* from the Eastern Mediterranean Sea". 40th EMBS, Vienna, Austria, 21-25 August **2005**.

P. Megalofonou and **A. Chatzisyrou**. "Observations on the biology and ecology of the gulper shark, from the Mediterranean Sea". ICES Annual Science Conference, Aberdeen, 20-24 September **2005**.

A. Chatzisyrou, P. Megalofonou. "Preliminary results on the feeding ecology of two squaloid species (*Squalus acanthias* and *Centrophorus granulosus*), from the Aegean and Levantine basin". International workshop on cartilaginous fish with emphasis in the southern and eastern Mediterranean. UNEP-MAP-RAC/SPA. Istanbul, 14-16 October **2005**.

A. Chatzisyrou and P. Megalofonou. "Reproductive biology of the spiny dogfish, *Squalus acanthias*, in the eastern Mediterranean Sea". 8th Annual Conference of the European Elasmobranch Association, London, U.K., 21-23 October **2004**.