



Nicholas Badouvas

BSc Marine Sciences

MSc Oceanography and Management of the Marine Environment

CONTACT INFORMATION

E-mail: n.badouvas@hcmr.gr, n.badouvas@gmail.com

Tel.: +306984142696

Research Gate: [Nicholas Badouvas \(researchgate.net\)](https://www.researchgate.net/profile/Nicholas-Badouvas)

LinkedIn: [linkedin.com/in/nick-badouvas-476960121](https://www.linkedin.com/in/nick-badouvas-476960121)

ORCID: <https://orcid.org/0000-0002-5573-6010>

Website: <https://www.beachfinder.net/>

Education

National and Kapodistrian University of Athens

2022

“Oceanography and Marine Environment Management”

Interdisciplinary Postgraduate Program

Discipline: Biological Oceanography

Grade of Excellence

Dissertation title: “Age and Growth Study of the Veined Squid *Loligo forbesii*”.

Delta Vocational Training Institute

2016

One-year seminar training cycle of the Mechatronics Sector

Vocational training in marine engines and yachts technician specialty.

Delta Vocational Training Institute

2016

Vocational training in the Mechatronics technician specialty.

University of the Aegean

2013

Department of Marine Sciences

Bachelor of Science

Thesis title: «Small Scale Fisheries study inside and outside the boundaries of the Marine Protected Area of Zakynthos Island: ecological, fisheries, socio-economic and managerial factors».

Professional Experience

Hellenic Center for Marine Research (HCMR)

Institute of Marine Biological Resources and Inland Waters (IMBRIW)

Environmentalist

April 2024 – Present

Ichthyological field surveys of inland waters using electrofishing equipment in accordance to the Water Framework Directive (WFD) 2000/60/EC and the Operational Program for the “Environment and Climate Change”.

Hellenic Center for Marine Research (HCMR)
Institute of Marine Biological Resources and Inland Waters (IMBRIW)
Environmentalist
June 2023 – December 2023

Ichthyological field surveys of inland waters using electrofishing equipment in accordance to the Water Framework Directive (WFD) 2000/60/EC and the Operational Program for Infrastructures in Transportations, Environment and Sustainable Development of Greece.

Advanced Planning and Consulting (APC) S.A.
Operational Consultant
January 2023

Training in operational procedures for the acquisition of funding for client enterprises in the sectors of fisheries and aquaculture.

Hellenic Center for Marine Research (HCMR)
Institute of Marine Biological Resources and Inland Waters (IMBRIW)
Fisheries Observer
May 2022 – December 2022

Commercial fisheries monitoring in the framework of the National Fisheries Data Collection Program of Greece.

Hellenic Center for Marine Research (HCMR)
Institute of Marine Biological Resources and Inland Waters (IMBRIW)
Environmentalist
April 2019 – December 2021

Participation in the MesobED Research Program co-funded by the General Secretariat of Research and Innovation of Greece and the Hellenic Foundation for Research and Innovation, which aimed to explore the biology, ecology and distribution of mesopelagic fish species.

GoTranscript
Freelance Transcription Editor and Translator
2016 – 2018

- Transcription editor
- Translations between English and Greek

Electra Hellas S.A.
Vocational traineeship in Sales and Technical Support
January 2016 – June 2016

- English to Greek translations of software, corporate newsletter, web pages and technical manuals regarding the automotive industry
- Sales of automotive parts and consumables
- Technical support

University of the Aegean

Research Assistant
October 2012 – April 2013

Data collection and analysis in the framework of the Program “Fisheries management actions in the Marine Protected Area of the National Marine Park of Zakynthos Island”.

Hellenic Center for Marine Research (HCMR)
Institute of Marine Biological Resources and Inland Waters (IMBRIW)

Traineeship
July 2011 – August 2011

Ichthyoplankton study in North-Eastern Aegean Sea from samplings during the summer of 2006.

Projects & Programs

Beachfinder.net

August 2024 – Present

Design and development of an online platform and mobile application for beach characteristics registration, concerning the Attic and Greek island beachfront (Greece).

<https://www.beachfinder.net/>

Operational Program “Environment and Climate Change”

HCMR, IMBRIW

April 2024 - Present

Inland waters ichthyological monitoring in accordance to the strategic objective of the program for the conservation of biodiversity and the sustainable use of natural resources.

- Water status monitoring of National waters (quality, quantity, pressures, usage) during the 2021 – 2027 planning period. Environment and Climate Change – Water Framework Directive. Anavyssos, 184 p., Annual Report 2025, Hellenic Center for Marine Research.

Small Hydro Fish

HCMR, IMBRIW

December 2023

Collection and analysis of ichthyological data for the assessment of the possible impacts induced to fish populations by the prospective construction and operation of small hydroelectric plants (SHPs) in river streams.

- Vardakas L., Koutsikos N., Dimitriou E., Giakoumi S., Kouraklis P., **Badouvas N.**, Vavalidis T., Ntakis A., Kalogianni E. (2023). Small Hydro Fish “Project of Ichthyological Research at the Areas of Influence of the Small Hydroelectric Plants (SHPs) of Tseberoulas stream and Kraniotiko stream. Ichthyological Research at the Area of Influence of the Small Hydroelectric Plant (SHP) of Kraniotiko stream – Potential Impacts and Mitigation measures. Final Technical Report, November 2023, HCMR.
- Vardakas L., Koutsikos N., Dimitriou E., Giakoumi S., Kouraklis P., **Badouvas N.**, Vavalidis T., Ntakis A., Kalogianni E. (2023). Small Hydro Fish “Project of Ichthyological Research at the Areas of Influence of the Small Hydroelectric Plants (SHPs) of Tseberoulas stream and Kraniotiko stream. Ichthyological Research at the Area of Influence of the Small Hydroelectric Plant (SHP) of Tseberoulas stream – Potential Impacts and Mitigation measures. Final Technical Report, November 2023, HCMR.

Water Framework Directive (WFD)

HCMR, IMBRIW

June 2023 – Present

Inland waters monitoring (recording of qualitative and quantitative parameters, anthropogenic pressures and use of fluvial bodies).

WGCEPH

ICES/CIEM

June 2019 – Present

Chair-invited member of the Working Group on Cephalopod Fisheries and Life History of the International Council for the Exploration of the Sea (ICES).

- ICES. 2023. Working Group on Cephalopod Fisheries and Life History (WGCEPH; outputs from 2022 meeting). ICES Scientific Reports. 5:01. 163 pp. <https://doi.org/10.17895/ices.pub.21976718>
- ICES. 2020. Working Group on Cephalopod Fisheries and Life History (WGCEPH; outputs from 2019 meeting). ICES Scientific Reports. 2:46. 121pp. <http://doi.org/10.17895/ices.pub.6032>

MesoBED

HCMR, IMBRIW

April 2019 – December 2021

Biology, ecological role and distribution of mesopelagic fishes.

<http://mesobed.hcmr.gr>

National Fisheries Data Collection Program

HCMR, IMBRIW

July 2018 – December 2022

- Commercial fisheries data collection.
- Participation in seasonal research bottom trawl sampling surveys (MEDITS).
- Recreational fisheries investigation.

Analysis of stomach contents from deep-diving toothed whales in the Greek Seas

Pelagos Cetacean Research Institute

October 2017 – November 2017

Cephalopod hard tissue identification in marine mammal stomach contents.

MedPAN North Project

National Marine Park of Zakynthos (NMPZ)

October 2012 – April 2013

Fisheries management measures assessment in the Marine Protected Area of the National Marine Park of Zakynthos.

Dimitriadis C., Sini M., Gerovasileiou V., Poursanidis D., Evagelopoulos A., Fournari-Konstantinidou I., **Badouvas N.**, Lekkas V., Giourgis E., Akritopoulou E., Bakopoulos V., Koutsoubas D., 2013.

Management Measures for Fisheries in the Marine Protected Area of the National Marine Park of Zakynthos. MedPAN North Project, Final Report, 121pp.

Conferences

1. **Certificate of attendance at the 13th Panhellenic Ichthyologists Conference on “Marine Resources and Ecosystems”**
Panhellenic Association of Ichthyologists of the Greek Public Sector
September 2007
2. **Certificate of attendance at the 3rd International AQUA Conference entitled “Water science and technology with emphasis on water and climate”.**
October 2008
3. **32nd Annual conference of the European Cetacean Society**

Koutouzi, N., Foskolos, I., Alexiadou, P., **Badouvas, N.**, Milani, C., Frantzis, A., 2018. A taste for squid: the prey of Cuvier's beaked whales and Risso's dolphins in the Eastern Mediterranean Sea. *32nd Annual conference of the European Cetacean Society, La Spezia, Italy.*
4. **ICES Annual Science Conference (Remote Conference)**
Kapelonis Z., Siapatis A., Miachias A., Somarakis S., Markakis K., Giannoulaki M., **Badouvas N.**, Tsagarakis K., 2021. Mesopelagic fish community and deep scattering layers in an Eastern Mediterranean Sea enclosed deep basin. *ICES Annual Science Conference (Remote Conference).*
5. **HydroMedit 2021, 4th International Congress on Applied Ichthyology, Oceanography & Aquatic Environment, Virtual Congress**

Sarropoulou X., Tsaparis D., Tsagarakis K., **Badouvas N.**, Tsigenopoulos C., 2021. Genetic diversity patterns of mesopelagic fish in the Greek Seas. *HydroMedit 2021, 4th International Congress on Applied Ichthyology, Oceanography & Aquatic Environment, 4-6 November 2021, Virtual Congress, ISBN: 978-618-85818-2-1, Book of Proceedings 574-575*
6. **6th International Marine Connectivity Conference**

Sarropoulou X., Tsaparis D., Tsagarakis K., **Badouvas N.**, Tsigenopoulos C. S. 2021. Comparative phylogeographic analysis of four mesopelagic fishes reveals different patterns of connectivity between the Greek Seas. *6th International Marine Connectivity Conference, December 6-8, 2021, Paris, France*
7. **CIAC (Cephalopod International Advisory Council), 2022 Hybrid Event**

Lishchenko, F., Abad, E., **Badouvas, N.**, Barrett, C.J., González- Gómez, R., Hendrickson, L., Lefkaditou, E., Lonsdale, J.A., Matos, F.L., Moustahfid, H., Oesterwind, D., Perales-Raya, C., Pita, C., Power, A.M., Roubledakis, K., Seixas, S., Valeiras, J., Villasante, S., Laptikhovsky, V., Robin, J.P., Pierce, G.J., 2022. Impacts of anthropogenic activities on cephalopods. *CIAC (Cephalopod International Advisory Council), 2022 Hybrid Event, Sesimbra, Portugal.*

8. Invited speaker in the conference meeting entitled “**Graduate Career Horizons**” co-organized by the Department of Marine Sciences of the University of the Aegean and the Hellenic Graduates' Association of the Department of Marine Sciences (HGADMS).
9. **XVII European Congress of Ichthyology**

Badouvas, N., Tsagarakis, K., Somarakis, S., Karachle, P.K., 2023. Prey composition of some mesopelagic fish species from Hellenic Seas. *XVII European Congress of Ichthyology, 2023, Prague, Czech Republic*.
10. **HydroMediT 2024, 5th International Congress on Applied Ichthyology, Oceanography & Aquatic Environment**

Badouvas, N., Megalofonou, P., Lefkaditou, E., 2024. Age and growth of the veined squid, *Loligo forbesii* (Steenstrup, 1857) in the eastern Ionian Sea. *HydroMediT 2024, 5th International Congress on Applied Ichthyology, Oceanography, and Aquatic Environment, 2024, Mytilene, Greece*.
11. Certificate of Attendance in the **1st BCThubs International Conference “Widening the Big Blue Horizon”** – Introducing Innovative Technologies & Sustainable Strategies in UCH
BCThubs
December 2024
12. **12th Conference of the Hellenic Ecological Society (HELECOS)**

Vardakas, L., Ziou, A., Douligeri, A., Vavalidis, T., Koutsikos, N., **Badouvas, N.**, Sakellarakis, F.N., 2025. Spatial distribution of fish fauna in Sarantaporos River, one of the last free-flowing rivers in Greece. *HELECOS (12th Conference of the Hellenic Ecological Society, 2025. Athens, Greece*.

Publications

Badouvas, N., Tsagarakis, K., Somarakis, S., Karachle, P.K., 2024. Feeding Habits and Prey Composition of Six Mesopelagic Fish Species from an Isolated Central Mediterranean Basin. *Fishes*, 9, 277.

Kapelonis, Z., Siapatis, A., Machias, A., Somarakis, S., Markakis, K., Giannoulaki, M., **Badouvas, N.**, Tsagarakis, K., 2023. Seasonal patterns in the mesopelagic fish community and associated deep scattering layers of an enclosed deep basin. *Scientific Reports*, 13, 17890.

Badouvas, N., Somarakis, S. and Tsagarakis, K., 2022. Length–weight relations of 16 mesopelagic fishes (Actinopterygii: Myctophiformes and Stomiiformes) from the eastern Mediterranean Sea. *Acta Ichthyologica et Piscatoria*, 52(4), pp.279-283.

Sarropoulou, X., Tsaparis, D., Tsagarakis, K., **Badouvas, N.** and Tsigenopoulos, C.S., 2022. Different patterns of population structure and genetic diversity of three mesopelagic fishes in the Greek Seas. *Mediterranean Marine Science*, 23(3), pp.536-545.

Tsagarakis, K., Darmanin, S. A., Al Mabruk, S., Auriemma, R., Azzurro, E., **Badouvas, N.** et al., 2021. “New records of rare species in the Mediterranean Sea” (October 2021). *Mediterranean Marine Science*, 22(3), 627-652.

Lishchenko, F., Perales-Raya, C., Barrett, C., Oesterwind, D., Power, A.M., Larivain, A., Laptikhovsky, V., Karatza, A., **Badouvas, N.**, Lishchenko, A. and Pierce, G.J., 2021. A review of recent studies on the life history and ecology of European cephalopods with emphasis on species with the greatest commercial fishery and culture potential. *Fisheries Research*, 236, p.105847.

Certifications

✚ **Advanced Open Water Diver**

PADI
September 2007



✚ **Certificate of Proficiency in English**

The University of Michigan
November 2008



✚ **International Diploma on IT Skills Standard**

University of Cambridge International Examinations
March 2009



✚ **Enriched Air Diver**

PADI
March 2011



✚ **Certificate on IT Skills**

University of the Aegean
March 2014



✚ **Certificate of Reviewing**

Fisheries Research scientific journal reviewer
Elsevier Author Services
June 2022



✚ **Certificate of attendance in the online seminar entitled "The Natura 2000 network and biodiversity protection in Greece – a legislation review".**

WWF Greece
February 2023



✚ **Certificate of Attendance in the webinar of the Journal of Marine Science and Engineering (JMSE) on the "Advanced Research Techniques for Cetacean Conservation"**

MDPI
May 2023



- ✚ Certificate of attendance in the online seminar entitled "**Protected area management in Greece**".
WWF Greece
December 2023



- ✚ "**Programming skills in R for life sciences**"
Aristotle University of Thessaloniki (AUTH) – School of Medicine
Seminar cycle of the Lifelong Learning Center of AUTH for applications of the programming language "R" in Biostatistics, Biomedicine and Bioinformatics.
December 2023



- ✚ **Certificate of Attendance** in the **1st International Conference Widening the Big Blue Horizon** – Introducing Innovative Technologies & Sustainable Strategies in UCH.
BCThubs
December 2024



Organizations

Oceanides – Marine Research & Education Institute

April 2023 – Present

Team member of the institute for marine research and education based in Kalymnos island in the south Aegean Sea.

<https://oceanides.org/>

International Council for the Exploration of the Sea (ICES)

WGCEPH

January 2019 – Present

ICES expert group member of the WGCEPH for cephalopods' life cycle and ecology.

Hellenic Graduates' Association of Department of Marine Sciences (HGDAMS)

September 2018 – March 2021

Elected member of the HGDAMS Administrative Council at the position of General Secretary.

March 2021 – January 2021

Regular member of the General Assembly of HGDAMS.

Voluntary Work

National Marine Park of Zakynthos (NMPZ)

June 2012 – August 2012

Participation in NMPZ's volunteer program, aiming to brief visitors and to ensure the implementation of the Marine Protected Area's management measures.

Pelagos – Cetacean Research Institute

October 2017 – November 2017

Marine mammal diet habits research.

Interviews: Short interview in Greek broadcast TV on the anthropogenic impacts faced by cetaceans in Hellenic Seas. <https://youtu.be/gCtNy32Xxlo>

Languages: English – professional working experience

Driving License: Category B – 1.11.2010

Military Service: Completed military service at the 104 Automotive Unit of Medium Range Artillery with the Artillery Transmitter specialty.