

CV-Vasiliki Nikiforidou

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Education

University of Thessaly (U.Th.), Volos/Greece

- **MSc, Sustainable Management of Aquatic Environment**, School of Agriculture Science, Department of Agriculture, Ichthyology and Aquatic Environment (October 2018- October 2019)
- **Integrated master's degree**, School of Agriculture Science, Department of **Agriculture, Ichthyology and Aquatic Environment** (September 2013- June 2018)
- **Bachelor's degree**, School of Agriculture Science, Department of **Agriculture, Ichthyology and Aquatic Environment** (September 2013- June 2018)

Experience

Research

- **National Fisheries Data Collection Project:** Section of the Processing of Biological Samplings, Institute of Marine Biological Resources and Inland Water, Hellenic Center for Marine Research (July 2020-July 2021, May 2022-present)
Research Director: George Tserpes **Primary Investigator:** Chryssi Mytilineou, Research Associate Scientist A' & Katerina Anastasopoulou, Research Associate Scientist B'
Brief summary:
 - Aim of the project: Collection of data on the exploitation of fisheries resources and conclusions about the state of fish stocks and the marine ecosystem in general in GSA 20,22 and 23
 - Field Samplings
 - Biometric measurements of fish and histological fish section towards sexual maturity identification and cranial otolith extraction
 - Stereoscopic analysis of otoliths and age correlation using Image-Pro Plus software
 - Data entry in the national fisheries data bank
 - Statistical analysis, mathematical models
 - Collection of questionnaires for amateur fishermen**Role:** Main investigator, participation in all stages of work to be published related to the program and supervision in undergraduate and master thesis
- **PANDORA:** Institute of Marine Biological Resources and Inland Water, Hellenic Center for Marine Research (July 2021-January 2022)
Research Director: George Tserpes **Primary Investigator:** Dimitrios Damalas, Principal Researcher
Brief summary:
 - Aim of the project: To unlock the potential for maximized long-term yields for European fishing communities
 - Processing and analysis of biological data of fish
 - Determination of sexual maturity and age
 - Study and bibliographic review of the life cycle of demersal species
 - Participation in fishery sampling, data collection and questionnaires for professional / amateur fishermen
 - Participation in the writing of the deliverables of the program (technical reports, scientific works)**Role:** Main investigator, participation in all stages of work to be published related to the program and supervision in undergraduate and master thesis
- **Mediterranean Bottom Trawl Survey (MEDITS):** Institute of Marine Biological Resources and Inland Water, Hellenic Center for Marine Research (July 2020,2021,2022,2023,2024,2025)
Research Director: George Tserpes **Primary Investigator:** Evgenia Lefkaditou, Research Associate Scientist A'

Brief summary:

- Aim of the project: Collection of data on the exploitation of fisheries resources and conclusions about the state of fish stocks and the marine ecosystem in GSA 20, 22 and 23
- Field Samplings of pelagic, benthic and deep-water marine species
- Processing and analysis of biological data of fish
- Determination of sexual maturity and age

Role: Main investigator, participation in all stages of the project

- **Recreational fishing activity:** Institute of Marine Biological Resources and Inland Water, Hellenic Center for Marine Research (July 2020-December 2022)

Research Director: George Tserpes **Primary Investigator:** Paraskevi Karachle, Research Associate Scientist A'
Brief summary:

- Aim of the project: Collection of questionnaires for amateur fishermen and conclusions about the fishing methods, socioeconomics, problems and general state of recreational fishing activity in Greece

Role: Main investigator, on-site interviews of amateur fishermen and processing of biological samples from recreational fishing activity

- **Master's Thesis: Morphometric measurement and Ca/P levels of sea bass vertebrae:** University of Thessaly, Department of Agriculture, Ichthyology and Aquatic Environment (February 2019- September 2019)

Primary Investigator: Panagiotis Berillis, Assistant Professor of Aquatic and Marine Pathology U.Th.

Associate Investigator: Stefanos Zaoutos, Professor of Materials Strength TEI of Thessaly & Pantelis Katharios, Researcher, Hellenic Centre for Marine Research (HCMR)

Brief summary:

- Three age classes of sea bass
- Measurement of the biometrics of their vertebrae
- Measuring calcium and phosphorus levels in their vertebrae with a SEM (Scanning electron microscope)
- Statistical analysis

Role: Main investigator, leading the research

- **Bachelor's Thesis: Measurement of biometric data of the skull and daily correlation of fat loss of the *Physeter macrocephalus* bones:** University of Thessaly, Department of Agriculture, Ichthyology and Aquatic Environment (October 2016- June 2018)

Primary Investigator: Dimitrios Vafeidis, Professor of Marine Biodiversity U.Th.

Associate Investigator: Athanasios Exadactylos, Associate Professor of Aquatic Animal Genetics U.Th.

Brief summary:

- Exhumation and harvesting of *Physeter macrocephalus* bones in the field of research
- Technical exploration and optimization regarding bone preservation and cleaning
- Identification of each bone and measurement of their biometric data

Role: Main investigator, part of the team consisting of 8 undergraduate students leading the research

Work History

- **Research Assistant on the DCF, MEDITS and PANDORA projects,** Institute of Marine Biological Resources and Inland Water, Hellenic Center for Marine Research Athens/Greece (July 2020-present)

- **Ichthyologist, Erasmus plus, practical training for PREDOMAR S.L., pre-growing unit of sea bream and sea bass,** Carboneras/Almeria/Spain (May -August 2017)

- Control of physicochemical parameters (O₂ dissolved, temperature, etc.)
- Fish feed and fish handling
- Malformation control and handling
- Fish vaccination
- Control of biological parameters (middle weight, fish conditions according to client's request)
- Facility disinfection
- Working shifts

- Fish loading
- **Ichthyologist, practical training in the Department of Fisheries, Prefecture of Kavala/Greece (July-August 2016)**
- Fishing laws
- Has worked as a waitress in coffee shops and as a columnist in an electronic magazine Kavala, Volos, Larisa/Greece (June 2014-September 2019)

Laboratory Skills

- Histological fish section
- Incineration of fish vertebrae
- Spectrometry
- Colorimetry
- Scanning Electron Microscope (SEM)
- Transmission Electron Microscope (TEM)
- X-ray spectroscopy method (EDS)
- Image-Pro Plus software
- SmartDots software
- Kjeldahl Method
- Winogradsky columns
- Fish bone cleaning operation
- Biometric measurements of fish and fish bones
- Real Time PCR
- FISAT II
- Statistical analysis: Origin Pro 8, Statgraphics, ANOVA, SPSS, PRIMER

Original Publications

- **Nikiforidou V.**, Mytilineou Ch., Xenikakis V., Anastasopoulou A. (2026) "Age Structure, Growth Parameters, and Otolith Traits of Two Species of the Genus *Trachurus* in the Central Mediterranean" *Fishes* 11(1), 53. <https://doi.org/10.3390/fishes11010053>
- **Nikiforidou V.**, Anastasopoulou A., Xenikakis V., Mytilineou Ch. (2024) "Biological Aspects of *Sphyræna sphyræna* (L., 1758) in the Central Mediterranean (E. Ionian Sea)" *Hydrobiology* 3(4), 364–377. <https://doi.org/10.3390/hydrobiology3040023>
- **Nikiforidou V.**, Mytilineou Ch., Alexandropoulos A., Anastasopoulou A. (2024) "Age, Growth, and Otolith Morphometrics of *Trachinus draco* (L., 1758) and *Trachinus radiatus* (Cuvier, 1829) in the Eastern Mediterranean" *Fishes* 9 (5), 152. <https://doi.org/10.3390/fishes9050152>
- **Nikiforidou V.**, Gkikas E., Mytilineou Ch., Haralabous J., Koutsoubas D., Anastasopoulou A. (2023) "Age, growth and otolith morphometrics of *Serranus hepatus* (L., 1758) in two areas of the Eastern Mediterranean" *Journal of the Marine Biological Association of the United Kingdom*, 103, e59, 1–10. [10.1017/S0025315423000474](https://doi.org/10.1017/S0025315423000474)
- ICES (2023). Workshop 4 on age reading of Horse Mackerel, Mediterranean Horse Mackerel, and Blue Jack Mackerel (*T. Trachurus*, *T. mediterraneus*, and *T. picturatus*) (WKARHOM4). ICES Scientific Reports. Report. [10.17895/ices.pub.23967474](https://doi.org/10.17895/ices.pub.23967474)
- **Nikiforidou V.**, Zaoutsos S., Vlahos N., Berrilis P. (2020). "Vertebrae Morphometric Measurement and Ca/P Levels of Different Age European Seabass (*Dicentrarchus labrax*)" *Fishes* 5, no. 4:37. <https://doi.org/10.3390/fishes5040037>

Abstracts Accepted for Oral Presentation

- **Nikiforidou V.**, Anastasopoulou A., Betogian L., Mytilineou Ch. (2024) "Weight-length relationships of *Trachinus draco* (L., 1758) and *Trachinus radiatus* (C., 1829) in the Aegean Sea" 5th INTERNATIONAL CONGRESS ON APPLIED ICHTHYOLOGY, OCEANOGRAPHY AND AQUATIC ENVIRONMENT-HYDROMEDIT 2024, 30 May-2 June 2024,

Mytilene, Greece, pp. 187-190.

https://www.researchgate.net/publication/382239141_WEIGHT-LENGTH_RELATIONSHIPS_OF_Trachinus_draco_L_1758_AND_Trachinus_radiatus_C_1829_IN_THE_AEGEAN_SEA

- **Nikiforidou V.**, Anastasopoulou A., Mytilineou Ch. (2024) “Weight-length relationships of *Scomber colias* (G., 1789) and *Trachurus trachurus* (L., 1758) in the Ionian Sea” 5th INTERNATIONAL CONGRESS ON APPLIED ICHTHYOLOGY, OCEANOGRAPHY AND AQUATIC ENVIRONMENT-HYDROMEDIT 2024, 30 May-2 June 2024, Mytilene, Greece, pp. 191-194.
https://www.researchgate.net/publication/382238995_WEIGHT-LENGTH_RELATIONSHIPS_OF_Scomber_colias_G_1789_AND_Trachurus_trachurus_L_1758_IN_THE_IONIAN_SEA
- **Nikiforidou V.**, Mytilineou Ch., Anastasopoulou A. (2022). “Morphometric measurements of *Pagellus bogaraveo* (Brünnich, 1768) otoliths in the Greek Seas.”. Marine and Inland Waters Research Symposium- former Panhellenic Symposium on Oceanography & Fisheries 2022, 16-19 September 2022, Porto Heli, Argolida, Greece, pp. 217- 220.
https://www.researchgate.net/publication/363716593_MORPHOMETRIC_MEASUREMENTS_OF_PAGELLUS_BOGARAVEO_BRUNNICH_1768_OTOLITHS_IN_THE_GREEK_SEAS
- **Nikiforidou V.**, Anastasopoulou A., Mytilineou Ch. (2022). “Age and growth of *Boops boops* (L., 1758), in the Ionian and South Aegean Seas.”. Marine and Inland Waters Research Symposium- former Panhellenic Symposium on Oceanography & Fisheries 2022, 16-19 September 2022, Porto Heli, Argolida, Greece, pp. 211-215.
https://www.researchgate.net/publication/363713679_AGE_AND_GROWTH_OF_BOOPS_BOOPS_L_1758_IN_THE_IONIAN_AND_SOUTH_AEGEAN_SEAS
- **Nikiforidou V.**, Zaoutsos S., Vlahos N., Berrilis P. (2021) “Morphometric Measurement and Ca/P Levels of Seabass (*Dicentrarchus labrax*) Vertebrae”. 4th INTERNATIONAL CONGRESS ON APPLIED ICHTHYOLOGY & AQUATIC ENVIRONMENT-HYDROMEDIT 2021, 4-6 November 2021, Mytilene, Greece, pp. 191-195.
https://www.researchgate.net/publication/360571682_MORPHOMETRIC_MEASUREMENT_AND_CAP_LEVELS_OF_SEA_BASS_Dicentrarchus_labrax_VERTEBRAE

Abstracts Accepted for Poster Presentation

- **Nikiforidou V.**, Gkikas E., Mytilineou Ch., Koutsoubas D., Anastasopoulou A. (2021). “Morphometric Measurements of *Serranus hepatus* (L., 1758) Otoliths in the Greek Seas”. 4th INTERNATIONAL CONGRESS ON APPLIED ICHTHYOLOGY & AQUATIC ENVIRONMENT-HYDROMEDIT 2021, 4-6 November 2021, Mytilene, Greece, pp. 536-537. [10.13140/RG.2.2.19416.78082](https://doi.org/10.13140/RG.2.2.19416.78082)

Conferences and Workshops

- Certificate of attendance for the informational workshop on the expansion/upgrade of the Integrated Fisheries Monitoring System (IFMS), 7 November 2024
- Certificate of Presentation and Attendance-HydroMedit 2024, 5th INTERNATIONAL CONGRESS ON APPLIED ICHTHYOLOGY & AQUATIC ENVIRONMENT, 30 May-2 June 2024, Hybrid
- Certificate of Presentation and Attendance-Marine and Inland Waters Research Symposium- former Panhellenic Symposium on Oceanography & Fisheries, 16-19 September 2022, Porto Heli, Argolida, Greece
- Participation in Subregional Committee for the Central Mediterranean (SRC-CM), including a WGMSE session on small pelagic, Blackspot seabream and common dolphinfish fisheries, April 2022-Virtual
- Participation in Subregional Committee for the Central Mediterranean (SRC-CM), including a WGMSE session on demersal, common dolphinfish and deep-water red shrimp fisheries, April 2022-Virtual
- Participation in Working Group on Small-Scale Fisheries (WGSSF)- co-organized by the GFCM and FAO, March 2022-Virtual
- Participation in Virtual training course on the identification and handling of vulnerable species incidentally caught during fishing operations in the Mediterranean and the Black Sea-co-organized by the GFCM and RCG Med&BS, in the context of the Medbycatch Project and the EU Data Collection Framework, February 2022-Virtual
- Participation in ICES-WKARHOM4-Workshop on Age Reading of Horse Mackerel, Mediterranean Horse Mackerel and Blue Jack Mackerel (*Trachurus trachurus*, *Trachurus mediterraneus*, *Trachurus picturatus*), October-November 2021
- Certificate of Presentation and Attendance-HydroMedit 2021, 4th INTERNATIONAL CONGRESS ON APPLIED ICHTHYOLOGY & AQUATIC ENVIRONMENT, 4-6 November 2021, Virtual

- Participation in ICES-WKAMDEEP3-Workshop on Age Estimation Methods of Deep-Water Species, January-March 2020
- Climate Change and Blue Growth-new perspectives and trends-2020-web conference
- NASA Space Apps Challenge, 2019-Volos-Greece
- Certificate HydroMedit 2018, 3^d INTERNATIONAL CONGRESS ON APPLIED ICHTHYOLOGY & AQUATIC ENVIRONMENT-HYDROMEDIT 2018-Volos-Greece
- Workshop's Certification "Sustainability policies and protected areas", 2018-Volos-Greece
- Participation Certificate of 16th Pan- Hellenic Fisheries Conference on Water Ecosystems: Rational Management - Economic Development, 2016- Kavala- Greece
- Certificate of Participation Workshop presentation of E.P.AL. project results 2007-13, 2015-Volos-Greece
- Participation Certificate of 11th Pan-Hellenic Symposium on Oceanography and Fisheries 2015-Mytilene-Greece
- Certificate HydroMedit 2014, 1st INTERNATIONAL CONGRESS ON APPLIED ICHTHYOLOGY & AQUATIC ENVIRONMENT-HYDROMEDIT 2014-Volos-Greece

Languages

- **Greek:** Native language
- **English:** Level C2
- **Spanish:** Level B2

Additional Skills

- **Geographic Information System (GIS)** (2023)
- **First Aid Diploma from the Greek Red Cross** (2020)
- **European Computer Driving License (ECDL)** (2019)
- Word processing- Microsoft Word 2016
- Spreadsheets- Microsoft Excel 2016
- Internet Applications- Microsoft Outlook 2016 & IE 11
- **Diving Diploma, PADI Open Water Diver** (2015)
- **Driver's license** (2015)

Voluntary actions and extracurricular activities

- Blood donor, National Blood Donation Center, Greece (May 2020-present)
- Crew on offshore racing boats, Gulf of Pagasitikos (November 2018)
- Sailboat crew at SailwithUs Company, Gulf of Pagasitikos (November 2018)
- Volunteer work as a radio producer at the University of Thessaly radio station, yUTH-radio.com, Volos/ Greece (September 2016-November 2019)
- Volunteer work as a columnist in Athens, Athensvibe. gr, Athens/Greece (January 2018- May 2018)
- Volunteer work as a dance teacher in Kavala, Dance Academy Kavala/Greece (September 2012- May 2013)
- Tree planting in Kavala/ Greece
- Participation in 3 environmental projects, Soufli, Styliida, Edessa/ Greece
- Dancing (1998-2013)
- Psychology books
- Literature books