



# Syrago Karrou

Ichthyologist

## CONTACT

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## LANGUAGES

- **Greek**, native speaker.
- **English**, Certificate in Proficiency in English-ECPE (C2 level).
- **French**, working knowledge.

## GENERAL KNOWLEDGE

- **PC**: Microsoft office, Word, Excel, PowerPoint, IBM SPSS, Jamovi, GIS (1 semester).
- **Driving licence** (category B).

## SKILLS

- Communication
- Organization
- Critical thinking
- Teamwork
- Attention to detail
- Responsible
- Friendly
- Punctual

## EDUCATION

### University of Thessaly, MSc

Interdepartmental Graduate Program, HOSMIC – Host Microbiome Interactions, 2025-Present

### University of Thessaly, School of Agricultural Sciences Department of Agriculture, Ichthyology and Aquatic Environment -7,82

Integrated MSc & BSc in Ichthyology and Aquatic Environment  
2017 -2023

**MSc/BSc thesis title:** ‘Effects of fructooligosaccharides on cultured fecal bacteria of farmed sea bream (*Sparus aurata*)’.

## EXPERIENCE

### Scientific Personel

#### Hellenic Centre for Marine Research (HCMR)

05/12/2025 – Present, Anavyssos, Attica

Program: “Monitoring and recording the status (quality, quantity, pressures, use) of the country’s waters” (K.E.02.5032401)

Position responsibilities:

- Conduct sampling and identification of benthic macroinvertebrates and river diatoms.
- Perform data management, statistical analysis, and application of bioindicators for water quality assessment.
- Prepare, process, and analyze samples in laboratory settings using microscopy and stereoscopy.
- Record and classify species with taxonomic accuracy

**Laboratory of Oceanography and Geosciences (LOG) of the University 'Université du Littoral  
Laboratoire d'Océanologie et des Geosciences (ULCO)'**

23/09/2023-15/05/2024, Wimereux, FR.

**Scientific Personnel**

Project: «APER0: Assessing marine biogenic matter Production, Export and Remineralization: from the surface to the dark Ocean»

Position responsibilities:

- Analysis of samples taken during the APER0 scientific cruise conducted in June - July 2023 in the North Atlantic
- Identification of over 3000 samples of heterotrophic bacteria, heterotrophic nanoflagellates, viruses and phytoplankton by flow cytometry
- Knowledge of different types of flow cytometry analysis
- Understanding of complex protocols for processing and preparation of virus samples
- Literature research in the following areas: marine microbial ecology, biological oceanography, basic principles of ocean circulation and the biological carbon pump,
- Project results, data analysis and organisation
- Presentation of results at a meeting with the whole laboratory team (13-16 May 2024, Toulon, France)
- Knowledge of electron microscopy

**I N T E R N S H I P S**

**D.E.Y.A.M.B. (Municipal company of water supply and sewerage of Volos).**

12/07/2021- 11/09/2021, Volos

Position description:

- Carried out chemical and microbiological analysis of potable water samples.
- Participated in titration and photometric determinations and in instrumental analysis.
- Observed the analysis process.
- Served as a dedicated and supportive Intern in a fast-paced environment.

**MOm (The Hellenic Society for the Study and Protection of the Monk seal).**

01/07/2020-31/08/2020, Alonnisos.

Position description:

- Working in the Mediterranean monk seal information center, providing information about National Marine Park of Alonnisos Northern Sporades
- Informing the public and generally the visitors of the center about *Monachus monachus* population state, biology, habitat, ecology, threats and how to react if they see one, to avoid animals being disturbed by the human factor.
- Participation in instructional activities to raise public awareness on environmental protection, protected areas and NATURA 2000 areas and protection of the Mediterranean monk seal.
- Attending training course on boat-based marine mammal monitoring.

## CONFERENCE

- HydroMediT 2021, 4th International Congress on Applied Ichthyology, Oceanography & Aquatic Environment.
- HydroMediT 2018, 3rd International Congress on Applied Ichthyology, Oceanography & Aquatic Environment.

## SEMINARS

- "Continuing Professional Development (CPD) in Digital, Green, and Financial Literacy Skills", 2025
- "Modern Approaches and New Challenges of Agricultural Research" by the Department of Agriculture, Crop Production and Rural Environment of the Faculty of Agricultural Sciences of the University of Thessaly, 2018.
- "Sustainability Policies and Protected Areas" from the Department of Agriculture, Ichthyology & Aquatic Environment of the Faculty of Agricultural Sciences of the University of Thessaly, 2018.

## VOLUNTEERING

- **MOm-The Hellenic Society for the Study and Protection of the Monk seal**, 12/09/2021-25/09/2021, Alonnisos  
Volunteer as an office assistant in the Mediterranean monk seal information center.
- **MOm-The Hellenic Society for the Study and Protection of the Monk seal**, 2020, Alonnisos  
Participation at the program «CYCLADES CARE FOR DOLPHINS: AN INNOVATIVE AERIAL SURVEY & CITIZEN SCIENCE PROJECT», as an assistant in the observation and counting of dolphins during boat trips.