

Andreas Masouras

Oceanographer-Environmental scientist, MSc., PhD candidate

PERSONAL INFORMATION

Birth date: 1st October 1986

E-mail: andreas30n@gmail.com / a.masoura@hcmr.gr

Phone: 6974015735

Military service: Completed

EDUCATION

- 2019-TODAY** **PhD candidate**
“Impacts of climate change on the biological quality, diversity and productivity of river ecosystems, using benthic diatoms”
Department of Marine Science, University of Aegean.
Supervisor: George Tsirtsis, Professor
- 2011-2014** **MSc in Ecology, Management and Conservation of Natural Environment**
Department of Biology, University of Patras.
- 2004-2010** **BSc in Marine Sciences**
Department of Marine Science, University of Aegean.

WORK EXPERIENCE

- 10/2018-TODAY** **Environmentalist**, Hellenic Center for Marine Research, Anavyssos, Athens, Greece
- 2016-2017** **Instructor in Environmental Education**,
Public Institute of Vocational Training, School of Second Chance, Patras and Aigio, Greece
- 2013-2014** **Quality Assurance Officer**, Fintrilis S.A, Patras, Greece
- 2012-2013** **Environmentalist, University of Patras, Greece**
Basic Research Project in the Karatheodori program “Assessment of the ecological quality and human impacts in the fresh water ecosystems of Greece, using biotic communities”.
- 10/2012-12/2012** **Environmentalist** (Conducting Workshops, Supervising Examination) University of Patras, Greece

PUBLICATIONS IN PEER-REVIEWED SCIENTIFIC JOURNALS

1. **Masouras, A.**, Karaouzas, I., Dimitriou, E., Tsirtsis, G., Smeti, E. Benthic Diatoms in River Biomonitoring— Present and Future Perspectives within the Water Framework Directive. *Water* **2021**, *13*, 478. <https://doi.org/10.3390/w13040478>
2. **Masouras, A.**, Oikonomou, A., Karaouzas, I., Dimitriou, E., Tsirtsis, G., Smeti, E. River benthic diatom assemblages exhibit biogeographical patterns even at small scales. *Aquat Ecol* **60**, 44 (2026). <https://doi.org/10.1007/s10452-026-10286-2>

CONFERENCE PROCEEDINGS (INTERNATIONAL & NATIONAL)

1. **Masouras A**, Karaouzas I, Dimitriou E, Tsirtsis G, Smeti E. Functional Traits of Benthic Diatoms as Potential Indicators of Water Quality in Greek Rivers. Poster in 12th Panhellenic Conference of Ecology, Athens, 2025, page. 463
2. **Masouras A**, Karaouzas I, Dimitriou E, Tsirtsis G, Smeti E. Diversity patterns in benthic diatoms in Sperchios river in Central Greece. Poster in 11th Panhellenic Conference of Ecology, Patra, 2023, page. 224
3. Koutsodimou M, Apostolopoulou N, **Masouras A**, Tragaki D, Smeti E. Phytobenthos biomass as a complementary tool for assessing the ecological status of rivers. Poster in 11th Panhellenic Conference of Ecology, Patra, 2023, page. 213
4. **Masouras A.**, Oikonomou A., Karaouzas I., Dimitriou E., Tsirtsis G. and Smeti E. Taxonomic VS functional patterns in benthic diatoms in Greek rivers – implications for biomonitoring. Presentation in Marine and Inland Water Research Symposium, Porto Heli, Greece 2022.
5. Oikonomou A., Smeti E., Karaouzas I., Stefanidis K., Andriopoulou A., Vavalidis Th., Vardakas L., Vourka A., Giakoumi S., Gritzalis K., Zogaris S., Theodoropoulos Ch., Kalaitzakis N., Kalogianni E., Kapakos Y., Kapeloni M., Kapetanaki N., Katsogiannou I., Colombari E., Kommatas D., Kouvarda Th., Kouraklis P., Koutsikos N., Koutsodimou M., Lampou A., Lampri PN., Leris I., Laschou S., Latsiou A., Markogianni V., **Masouras A.**, Mentzafou A., Barbieri R., Ntakis A., Panagiotou A., Papadaki C., Sperelakis E., Tragaki D., Fytilis K., Filippi G., Chamoglou M., Tachos, V., Skoulikidis N., Papadopoulos A., Stoumboudi M. and Dimitriou E. Comparing Biological Quality Elements in Greek Rivers. Conference Paper in Marine and Inland Water Research Symposium, Porto Heli, Greece 2022, page 835
6. **Masouras A**, Karaouzas I, Dimitriou E, Tsirtsis G, Smeti E. Use of Benthic Diatoms in River Biomonitoring within the Water Framework Directive: the potential of emerging methods. Poster in 10th Panhellenic Conference of Ecology, 2021, page. 196
7. **Masouras A**, Papastergiadou E. Ecological Quality Assessment of Rivers in Western Greece Using the DPSIR Framework and Aquatic Macrophytes as Biological Indicators. Oral presentation in 7th Panhellenic Conference of Ecology, Mytilini 2014, page. 118.

8. **Masouras A**, Papastergiadou E. Ecological Quality Assessment of Rivers in Western Greece Using Aquatic Macrophytes as Biological Indicators. Oral presentation in 5^o Environmental Conference of Macedonia, Thessaloniki 2014, page. 105.
9. **Masouras A**, Spinos E, Evagelopoulos A, Dimitriadis C, Koutsoubas D. Structure and diversity patterns of microbenthic molluscan communities of the Koutavos lagoon in Kefalonia. Poster 10th Panhellenic Conference Oceanography and Fisheries, Athens 2012, page. 100.

SEMINARS & TRAINING PROGRAMS

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|-------------|---|
| 2018 | Certification of the Teaching qualification for Trainers of Adults in Non-Formal Education E.O.P.E.P. (Certification Code: EB 37318)
National Organisation for the Certification of Qualifications and Vocational Guidance (E.O.P.E.P.) |
| 2017 | Distance Learning Training Program in the Organization and Design of Teaching for Adult and Young Learners
Easy Education Vocational Training Center (KEK) |
| 2017 | Summer School: "Environmental Education & Performing Arts: STOP Microplastics"
Department of Chemistry, Department of Primary Education, Department of Geology, University of Patras |
| 2017 | Distance E-Learning Programme: Water Microbiology
University of Patras, Aristotle University of Thessaloniki, University of the Aegean, Technological Educational Institute (TEI) of Athens |
| 2017 | Distance Learning Training Seminar for Second Chance School Educators
Easy Education Vocational Training Center (KEK) |
| 2016 | Annual Pedagogical Training Programme (EPPAIK)
School of Pedagogical and Technological Education (ASPAITE), Patras. |

EXPERIENCE IN LABORATORY TECHNIQUES/COMPUTER PROGRAM

Recording of physicochemical parameters of water in the field, chemical analysis of water samples, collecting quantitative and qualitative data concerning the structure of macrophytic communities and the spatial variation of the distribution and growth of macrophytes, use of multivariate water machine, use of spectrophotometry and total nitrogen analyzer machine, identification of plant and macrobenthic organisms, sorting and identification macrobenthic molusca from sediment samples. Arc GIS, Erdas Imagine, Primer 6, SPSS, Canoco

LANGUAGES

Greek, Mother tongue
English, Fluent

SKILLS

Driver's license
A' Category, B' Category

OTHER SKILLS

Scuba Diving - Degrees:

Open Water Diver, Advanced Diver First Aid Certification (Care Plus & AED Training)

PERSONAL INTEREST

Scuba Diving, Photography, Traveling