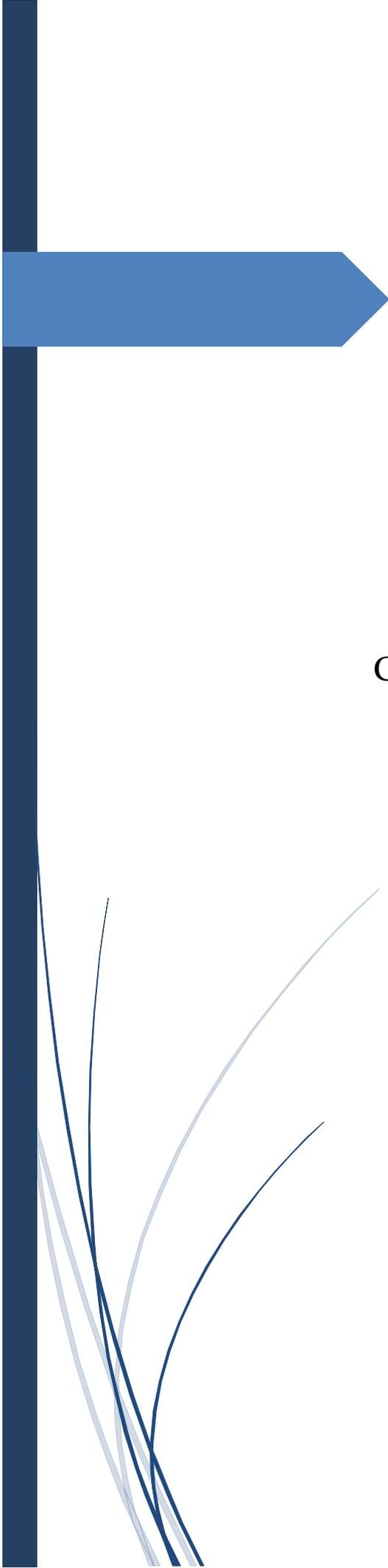




**Dr. IOANNIS KARAOUZAS**  
**BIOLOGIST B.Sc., M.Sc., Ph.D**

**Curriculum Vitae - Scientific Activities**



**Anavyssos**  
**January 2026**

Dr. Ioannis Karaouzas

Senior Researcher (Reseracher B')



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## SUMMARY OF RESEARCH ACTIVITY – RESEARCH THEMES

I studied Biology at the University of Brighton (United Kingdom), from which I graduated in 2001, and subsequently undertook postgraduate studies in Environmental Pollution Sciences at Brunel University (United Kingdom) during the period 2001–2002. In June 2002, I began my collaboration with the Institute of Inland Waters of the Hellenic Centre for Marine Research as a scientific associate within the framework of research projects. In 2006, I commenced my doctoral studies at the University of Ioannina, entitled: “Ecotoxicity and effects of agro-industrial wastewaters to stream biodiversity at multiple levels of biological organisation”, which was completed in 2011.

From 2002 to the present, I have actively participated in more than 30 research projects (12 International and 20 National). I served as Principal Investigator in two (2) projects and as Project Coordinator and Institute Principal Investigator in one (1) project. In the remaining projects, I participated as a member of the scientific team and/or as a work package leader, undertaking biological, ecological and environmental research, data processing and analysis, preparation of technical reports and deliverables, while also making a significant contribution to the successful implementation of each project.

Below, the main research themes of my scientific work are summarized

### 1) Ecological Status and Management of Surface Waters

- ◆ Ecology of Mediterranean river ecosystems [Karaouzas & Gritzalis, 2006; Garcia-Roger et al., 2013; Karaouzas et al., 2015; Karaouzas et al., 2019]
- ◆ Impacts of anthropogenic pressures and climate change on surface waters and biodiversity [Skoulikidis et al., 2011; Karaouzas et al., 2018; Karaouzas et al., 2018; Karaouzas et al., 2011; Karaouzas et al., 2019; Theodoropoulos & Karaouzas, 2021]
- ◆ Toxicity of agro-industrial wastewaters on benthic macroinvertebrates and ecological water quality [Karaouzas et al., 2011; Smeti et al., 2019; Karaouzas et al., 2021]
- ◆ Ecological status of running waters and pressure–impact analysis at the catchment scale – Implementation of the Water Framework Directive (WFD 2000/60/EC) [Gritzalis et al., 2006; Karaouzas et al., 2009; Karaouzas et al., 2018; Karaouzas et al., 2018; Smeti et al., 2019; Skoulikidis et al., 2021]
- ◆ Development of ecological status assessment and classification systems for rivers and establishment of national methods for biological quality elements of the Water Framework Directive in rivers (definition of reference sites, typology, ecological status classification) [Lazaridou et al., 2016; Lazaridou et al., 2018; Karaouzas et al., 2019; Theodoropoulos et al., 2020; Ntislidou et al., 2020; Theodoropoulos et al., 2021]

## 2) Biodiversity Management and Conservation – Biogeography of Aquatic Species

- ◆ Biogeographical research and distribution of aquatic invertebrates in inland waters [Karaouzas et al., 2016; Karaouzas & Malicky, 2016; Karaouzas et al., 2015; Karaouzas et al., 2014; Plóciennik & Karaouzas, 2014; Karaouzas & İncekara, 2011]
- ◆ Research and documentation of aquatic alien species [Karaouzas et al., 2015; Karaouzas et al., 2020; Karaouzas et al., 2022]
- ◆ Recording and documenting inland water biodiversity [Karaouzas & Gritzalis, 2006; Karaouzas & Malicky, 2015; Karaouzas & Malicky, 2016; Kapakos & Karaouzas, 2019; Davranoglou & Karaouzas, 2021]

## 3) Systematic Taxonomy and Ecology of Aquatic Invertebrates

- ◆ Systematic taxonomy of aquatic invertebrates, with particular specialisation in Trichoptera, and ecology of aquatic invertebrates [Karaouzas, 2018; Karaouzas & Waringer, 2017; Malicky & Karaouzas, 2016; Karaouzas et al., 2018; Karaouzas et al., 2021; Karaouzas et al., 2015]

**SUMMARY OF RESEARCH ACTIVITIES**

	<b>TOTAL</b>
Scientific publications (total number of articles in scientific journals, conferences, books, chapters in books)	<b>244</b>
Books	<b>1</b>
Publications of Chapters in Scientific Books	<b>7</b>
Publications of Papers in International Peer-Reviewed Journals	<b>110</b>
Publications of Papers in Proceedings of International Conferences	<b>78</b>
Publications of Papers in Proceedings of Greek Conferences	<b>21</b>
Scientific Technical Reports and Studies	<b>51</b>
Publications related to the research subject (popularised articles, etc.)	<b>7</b>
Reviewer in international journals (number of articles/journals)	<b>110/38</b>
Principal Investigator of International and National Research Projects	<b>1 / (2)</b>
Member of a Scientific Team or Project Manager in International Research Programs	<b>12</b>
Member of a Scientific Team or Project Manager in National Research Programs	<b>20</b>
Supervision/guidance of Doctoral students	<b>3</b>
Citations [RG / Google Scholar]	<b>3.884/3783</b>
Bibliometric data H-Index (Google Scholar/Scopus)	<b>27</b>
Bibliometric data i10-Index (Google Scholar)	<b>64</b>

## Detailed CV

<b>1. Personal Information</b>	<p>Name: Ioannis</p> <p>Surname: Karaouzas</p> <p>Nationality: Greek</p> <p>Email: <a href="mailto:ikarz@hcmr.gr">ikarz@hcmr.gr</a></p> <p>Work Address: HELLENIC CENTRE FOR MARINE RESEARCH (HCMR) Institute of Marine Biological Resources and Inland Waters 46.7 km Athens-Sounio Av., 190 13, Anavyssos, Attica Phone: 2291076439</p>
<b>2. Academic Education</b>	<p><b>2001:</b> B.Sc. [Hons] Biological Sciences, School of Life Sciences, University of Brighton, U.K.</p> <p><b>2002:</b> M.Sc. Environmental Pollution Sciences, Brunel University, Environmental Research Centre, U.K.</p> <p><b>2011:</b> PhD in Ecotoxicology and Environmental Pollution, Department of Chemistry, School of Natural Sciences, University of Ioannina, Greece. <i>Title: Ecotoxicity and effects of agro-industrial wastewaters to stream biodiversity at multiple levels of biological organisation.</i></p>
<b>3. Professional Activity</b>	<p><b>2022 – today</b> Senior Reseracher Institute of Marine Biological Resources and Inland Waters, Hellenic Centre for Marine Research</p> <p><b>2019 – 2022</b> Associate Researcher Institute of Marine Biological Resources and Inland Waters, Hellenic Centre for Marine Research</p> <p><b>2012 – 2018</b> Scientific Associate Institute of Marine Biological Resources and Inland Waters, Hellenic Centre for Marine Research</p> <p><b>2002 – 2012</b> Scientific Associate Institute of Inland Waters, Hellenic Centre for Marine Research</p>

<p><b>4. Scientific Interests and Research Fields</b></p>	<p>1) <u>Ecological Status and Management of Surface Waters</u></p> <ul style="list-style-type: none"> <li>◆ Ecology of Mediterranean river ecosystems (e.g. biocommunity organization in space and time)</li> <li>◆ Impacts of anthropogenic pressures on surface water and biodiversity</li> <li>◆ Impacts of climate change on river ecosystems, and in particular on temporary waters, and on benthic macroinvertebrates</li> <li>◆ Toxicity of agro-industrial wastewaters to stream macroinvertebrates and ecological status</li> <li>◆ Development of methodologies and indices for evaluating and classifying the ecological status of rivers</li> <li>◆ Development of national methods for biological quality elements of the Directive (benthic macroinvertebrates and diatoms) in rivers (definition of reference stations, typology, classification of ecological quality)</li> <li>◆ Conservation, management and restoration of river ecosystems and protected areas</li> </ul> <p>2) <u>Biodiversity Management and Conservation – Biogeography of aquatic invertebrates</u></p> <ul style="list-style-type: none"> <li>◆ Biogeographic survey and distribution of aquatic invertebrates in surface waters</li> <li>◆ Research and documentation of aquatic non-indigenous species</li> <li>◆ Conservation status assessment of invertebratespecies of community interest and threatened species</li> </ul> <p>3) <u>Systematic Taxonomy and Ecology of Aquatic Invertebrates</u></p> <ul style="list-style-type: none"> <li>◆ Systematic taxonomy of benthic invertebrates with main expertise on Trichoptera, Plecoptera and bivalve molluscs (Unionidae)</li> <li>◆ Ecology of aquatic invertebrates</li> </ul> <p><i>The above research themes and scientific fields are substantiated by my academic studies, scientific publications and research projects in which I have participated</i></p>
<p><b>5. Specialised Skills / Certifications</b></p>	<ul style="list-style-type: none"> <li>● <u>Certificate in Electrofishing Techniques, Game &amp; Wildlife Conservation Trust, United Kingdom Specialised Skills / Certifications</u></li> <li>● <u>Certified IUCN Assessor for the Red List of Threatened Species (Global &amp; Regional Assessor)</u></li> </ul>
<p><b>6. Membership in Scientific Committees / Services</b></p>	<ol style="list-style-type: none"> <li>1. <b>2012 – present.</b> Member of the Scientific Committee for the implementation of Commission Decision 2012/697/EU concerning measures to prevent the introduction and spread within the Union of the genus <i>Pomacea</i> (Perry) and designation of an official laboratory. Ministry of Rural Development and Food, Ref. No. 11883/117604, 22/11/2012.</li> <li>2. <b>2012 – 2016.</b> Member of the National Scientific Committee of the Special Secretariat for Water for defining methods for classification of the</li> </ol>

	<p>ecological status of all surface water categories. Ministry of Environment &amp; Energy.</p> <p>3. <b>2019.</b> Member of the scientific team for the evaluation of HCMR (Scientific &amp; Management Plan) for the period 2013–2017. <i>Mavrakos et al. (Eds.) 2019. Quinquennial Evaluation 2013–2017 of the Hellenic Centre for Marine Research, Self-Study Report, HCMR.</i></p> <p>4. <b>2019.</b> Member of the scientific team for the evaluation of IMBRIW (Scientific &amp; Management Plan) for the period 2013–2017.</p> <p>5. <b>2021.</b> Chair of the Public Procurement Tender Committee for IMBRIW.</p> <p>6. <b>2021 – 2022.</b> Member of the scientific team for the evaluation of IMBRIW (Scientific &amp; Management Plan) for the period 2018–2021.</p>
<p><b>7. Principal Investigator or Project Coordinator of Research Projects</b></p>	<p>1. <b>2020 – 2022.</b> <i>Chemical status assessment methodology reflecting the impacts of the climate changes on the status of surface water including analysis of chemical pressure, impacts, risks and status (WB12655055).</i> Funding Body: World Bank. Budget: €33,000. <u>Principal Investigator: Dr. I. Karaouzas.</u> Main Research Activity: Development and update of the chemical status classification methodology for Bulgaria; pressure and impact analysis; processing and evaluation of chemical data and results; development and application of indicators and classification of water bodies into chemical status categories; proposal of sampling stations and revision of the national monitoring network of Bulgaria</p> <p>2. <b>2021 – 2023.</b> <i>Environmental monitoring of the coastal zone of Kineta and Nea Peramos – “WEST COASTS 2021–2023”.</i> Funding body: Region of Attica. Project budget: €84,320. Principal Investigator: Dr Th. Kanellopoulos. <b>Project Coordinator &amp; Institute Principal Investigator (IMBRIW): Dr Ioannis Karaouzas.</b> Main Research activity: Environmental monitoring of the coastal zone of Kineta, Nea Peramos and Alepochori (Western Attica). Assessment of pressures affecting the coastal environment from direct anthropogenic factors and indirectly from increasingly frequent and intense natural disasters, and proposals for optimal management strategies aimed at both short- and long-term sustainable use of the natural and ecological value of the sensitive marine ecosystem of Western Attica.</p> <p>3. <b>2023 – 2025.</b> <i>Biodiversity monitoring and proposed management plans for the Almyropotamos Achaladi wetland (Fthiotida Prefecture)</i> <u>Principal Investigator: Dr. I. Karaouzas.</u> Main Research Activity: Biodiversity and water quality monitoring and recording, pressure analysis, proposal of management and restoration plans.</p>
<p><b>8. Participation in International Research Projects</b></p> <p><i>Participation as a member of the research team or as work package leader</i></p>	<p>1. <b>2002–2006.</b> <i>STAR (Standardisation of river classifications: Framework method for calibrating different biological survey results against ecological quality classifications to be developed for the Water Framework Directive).</i> [EVK1-CT-2001-00089]. Funding Body: E.U. – DG Energy &amp; Environment. <a href="http://www.eu-star.at">http://www.eu-star.at</a></p> <p>2. <b>2002-2005.</b> <i>TempQsim. Evaluation and improvement of water quality models for application to temporary waters in Southern European catchments.</i> Funding Body: E.U. – DG Energy &amp; Environment. <a href="http://www.tempqsim.net">http://www.tempqsim.net</a></p> <p>3. <b>2004–2008.</b> <i>LIFE - MEDPONDS: Actions for the conservation of the Mediterranean Temporary Ponds in Crete.</i> [04NAT/GR/000105].</p>

	<p>Funding Body: E.C. – LIFE NATURE</p> <ol style="list-style-type: none"> <li>4. <b>2006-2007. INTERCALIBRATION EXERCISE:</b> Implementation of the Ecological Criteria Intercalibration Exercise in the calibration areas submitted by Greece. Funding Body: EU &amp; Hellenic Ministry for the Environment.</li> <li>5. <b>2005–2009. LIFE - EnviFriendly:</b> Environmental Friendly Technologies for Rural Development - [LIFE05ENV/GR/000245]. Funding Body: E.C. – LIFE ENVIRONMENT.</li> <li>6. <b>2006–2011. COST – 869:</b> Mitigation options for nutrient reduction in surface and groundwaters. Funding Body: E.U. – COST office.</li> <li>7. <b>2007–2008. NERC -</b> Wildfire, soil erosion and the risk to aquatic resources: evidence from the burnt Evrotas River basin, southern Peloponnese, Greece. Funding Body: British National Environ. Research Council (NERC)/ Univ. of Plymouth.</li> <li>8. <b>2008–2011. MIRAGE</b> (Mediterranean Intermittent River ManAGement). Funding Body: E.U. - DG Energy &amp; Environment (50%) and General Secretariat for Research &amp; Technology (50%). <a href="http://www.mirage-project.eu">http://www.mirage-project.eu</a></li> <li>9. <b>2014 – 2019. GLOBAQUA</b> (Managing the effects of multiple stressors on aquatic ecosystems under water scarcity) Funding Body: European Union’s Seventh Programme for research, technological development and demonstration under grant agreement No 603629. <a href="http://www.globaqua-project.eu">http://www.globaqua-project.eu</a>.</li> <li>10. <b>2019 - 2019. Ohrid Lake Watershed – Surveillance Monitoring Programme for the Ohrid Lake Watershed.</b> Funding Body: Global Water Partnership-Mediterranean.</li> <li>11. <b>2021 – 2023. COST Action CA18239</b> «Conservation of freshwater mussels: a pan-European approach». Fundimng Body: E.U. – COST Grant System. <a href="https://www.cost.eu/actions/CA18239/">https://www.cost.eu/actions/CA18239/</a></li> <li>12. <b>2020 – 2023. Convergent characteristics of cryptic species along environmental gradients.</b> Funding Body: German Research Foundation (DFG).(<a href="https://www.bio.uni-frankfurt.de/93611531/ContentPage_93611531">https://www.bio.uni-frankfurt.de/93611531/ContentPage_93611531</a>)</li> </ol>
<p><b>9. Participation in National Research Projects</b></p> <p><i>Participation in the research team as a project manager or scientific member</i></p>	<ol style="list-style-type: none"> <li>1. <b>2005-2006.</b> Pilot application study of the Directive 2000/60 EC in an intermittent river basin – Assessment of the ecological status of the Anapodaris stream with biological and hydrochemical criteria. Funding Body: Regional Unit of Crete, Greece.</li> <li>2. <b>2006-2007. ETME ΛΑΔΩΝΑ -</b> Ways to preserve fish fauna in the diversion section of the Ladonas River from the operation of the Ladonas hydroelectric dam. Funding body: Public Power Corporation</li> <li>3. <b>2006-2007. ETME ΛΑΔΩΝΑ -</b> Ways of preserving and enriching the fish fauna of the Ladon reservoir. Funding body: Public Power Corporation</li> <li>4. <b>2009-2010.</b> Assessment of the environmental status of the Evros River watershed. Recording and Analysis of Pollution Pressures. Funding body: Trans-Balkan Pipeline S.A.</li> </ol>

5. **2009-2010.** Environmental quality monitoring of the Plastiras reservoir  
Funding body: Public Power Corporation
6. **2011-2012.** Monitoring the ecological quality of Lake Koumoundourou, Aspropyrgos, Attica. Funding body: Hellenic Petroleum [www.lake-koumoundourou.gr](http://www.lake-koumoundourou.gr).
7. **2010-2013.** Three-year monitoring and assessment of the ecological status of the rivers of Messinia Prefecture: Pamisos, Aris, Lygdos, Epis, Karia, Tzane - Polylimniou, Mavrozoumena, Despotis, Murtia, Arkadiko, Neda and Velika. Funding body: Prefecture of Messinia.
8. **2012.** Assessment of the ecological status of Pikrodafni stream and proposals for its restoration, conservation and management. Funding body: Green Fund
9. **2012-2013.** Ecological status assessment and soil quality along the eastern section of the Trans Adriatic Pipeline (TAP). Funding body: ASPROFOS Engineering
10. **2012–2015.** Monitoring of the ecological quality of river, coastal and transitional waters of Greece in application of Article 8 of Directive 2000/60/EU. Funding body: European Regional Development Fund
11. **2014–2016.** Monitoring and evaluation of the conservation status of invertebrate species of community interest in Greece. Funding body: Hellenic Ministry of Environment, Energy and Climate Change.
12. **2017–2023.** Monitoring and recording the ecological status (quality, quantity, pressure, use) of the country's waters. Funding body: European Regional Development Fund.
13. **2018 – 2019.** RESILIENT “Population assessment of the Corfu killifish and other Greek endemic freshwater species using established and innovative methods”. Funding Body: A.G. Leventis Foundation (via Zoological Society of London).
14. **2019 – 2021.** Research program for the fish fauna of Schinias - Marathon - measures to prevent fish mortality. Funding body: Green Fund
15. **2019 – 2021.** Yellow Fish: Protecting the fish and the habitat of streams. Funding body: Natural Environment & Climate Change Agency – NECCA.
16. **2020 – 2021.** ΣΥΝΣΤΗΡΧΕΙΟΣ «Researching degradation to longitudinal connectivity in the Spercheios and its tributaries: Funding body: Management Body of Oiti National Park, Spercheios River and Maliakos Gulf.
17. **2020 – 2021.** ΕΛΛΗΝΟΠΥΓΟΣΤΕΟΣ «Researching the populations of the Greek ninespine stickleback (*Pungitus hellenicus*) in the Spercheios river and conservation measures proposal. Funding body: Management Body of Oiti National Park, Spercheios River and Maliakos Gulf
18. **2020 – 2023.** PARNON «“Actions to improve the conservation status of *Squalius keadicus* (Endangered) and *Pelagus laconicus* (Critically Endangered)”. Funding body: Management Body of Parnona, Mustou, Mainalos and Monemvasia.
19. **2020 – 2022.** AFRESH - Application of innovative methodologies for the

	<p>wide range monitoring of native and alien freshwater fish of Greece. Funding body: A.G. Leventis Foundation</p> <p>20. 2020 – 2021. «Measures for the restoration of river connectivity of the endemic Marathon Minnow (<i>Pelagus marathonicus</i>)» (<i>Pelagus marathonicus</i>) and other species. Funding body: Management Body of Schinias -Marathon, Ymmitos &amp; Southeastern Attica.</p>
<b>10. Advisory Services</b>	<ol style="list-style-type: none"> <li>2018-present. Scientific advisor of the Hellenic Society for Environment and Culture.</li> <li>2012-2013. Provision of services for the targeted capacity building workshop “Implementation of the Water Framework Directive as a means to enhanced water resources management”. Duration 3 months. Funding: WGP-Med (Global Water Partnership-Mediterranean. Role: Transfer of know-how for the implementation of the Water Directive in Albania and specifically in the Buna River where benthic invertebrates and physicochemical parameters were sampled.</li> <li>2009. Provision of consultancy services for the evaluation of the results of the monitoring programs for surface waters within the framework of article 8 of Directive 2000/60/EC – TAY 54/2009 (Contract TAY-WDD 54/2009). Participants: G. Karavokyris &amp; Associates Consulting Engineers S.A. and Panagiota Styliani Kaimaki. Water Development Department of the Ministry of Agriculture, Natural Resources and Environment of the Republic of Cyprus. Position: Participation in the research team.</li> </ol>
<b>11. Supervision of PhD candidates</b>	<ol style="list-style-type: none"> <li>Masouras Andreas (2019 - ). Impacts of climate change on the quality, diversity and productivity of river ecosystems, based on benthic diatoms. University of the Aegean, Department of Oceanography and Marine Biosciences. Member of the Advisory Committee.</li> <li>Dimitris Zogaris (2021 - ). Biogeography of aquatic organisms’ conservation with modern sampling methods. University of Thessaly, Department of Agriculture, Ichthyology and Aquatic Environment. Member of the Advisory Committee.</li> <li>Katerina Vourka (2022 - ). Biomonitoring and assessment of rivers using environmental DNA (eDNA) metacoding methods of benthic invertebrates. School of sciences, Department of biology, University of Athens. Member of the Advisory Committee</li> </ol>
<b>12. Supervision of Internships</b>	<ol style="list-style-type: none"> <li>Besma Dambri (2020). Taxonomy of Trichoptera fauna of Algeria. Université 8 Mai 1945-Guelma, Algeria</li> <li>Katharina Köhlerto (2022). Systematic taxonomy, ecological quality assessment methodologies. Goethe University Frankfurt, Germany</li> </ol>
<b>13. Examination Committess</b>	<ol style="list-style-type: none"> <li>Koutsikos N. (2020). Alien and translocated fish species in lotic ecosystems of Greece. Doctoral Thesis. University of the Aegean, Department of Environment. Member of a Seven-Member Examination Committee.</li> <li>Anagnostopoulou K. (2021). Identification of transformation products of emerging pollutants in surface waters using high-resolution liquid chromatography-mass spectrometry. Postgraduate diploma thesis. Aristotle University of Thessaloniki, Department of Chemistry. Three-</li> </ol>

	<p>Member Examination Committee.</p> <ol style="list-style-type: none"> <li>3. Fytilis K. (2022). <b>Optimizing crop distribution under environmental constraints in the Spercheios River basin (Doctoral dissertation)</b>, Aristotle University of Thessaloniki (AUTH). Faculty of Agriculture (in Greek). <a href="https://doi.org/10.12681/eadd/52534">https://doi.org/10.12681/eadd/52534</a></li> <li>4. Markogianni V. (2023) <b>Water Quality Assessment in Greek Lakes by Using Remote Sensing and Statistical Modelling</b>. School of Environment and Agricultural Engineering. Department of Natural Resources Development &amp; Agricultural Engineering. Member of a Seven-Member Examination Committee. Agricultural University of Athens.</li> <li>5. Tsaousi N. (2025). <b>Spatial and temporal patterns of biodiversity in estuarine ecosystems of Greece and investigation of potential trophic relationships</b>. Department of Marine Sciences. Aegean University. Three-Member Examination Committee.</li> <li>6. Takidis C. (2025). <b>Development and validation of an analytical methodology for the determination of Haloacetic Acids (HAAs) by liquid chromatography coupled with mass spectrometry (LC-MS/MS) in series in drinking water</b>. School of Sciences, Department of Chemistry, Aristotle University of Thessaloniki.</li> </ol>
<p><b>14.Collaborations with Academic Institutions / Research Centers / Museums</b></p>	<ul style="list-style-type: none"> <li>• University of Łódź (Poland) – Dr. Michal Grabowski, Dr. Tomasz Mamos, Dr. Mateusz Plociennik, Dr. Aleksandra Jabłońska</li> <li>• University of Porto – Dr. Manuel Lopes-Lima</li> <li>• Museo Nacional de Ciencias Naturales (Spain) – Dr. Maria Valladolid</li> <li>• University of Vienna (Austria) – Dr. Johann Waringer</li> <li>• Goethe-Universität Frankfurt am Main (Germany) – Dr. Jonas Jourdan</li> <li>• University of Barcelona (Spain) – Dr. Nuria Bonada</li> <li>• Eszterházy Károly University (Hungary) - Dr. Dávid Murányi</li> <li>• University "St. Cyril and Methodius (North Macedonia) – Dr. Slavevska Stamenkovic</li> <li>• University of Montenegro (Montenegro) - Prof dr Vladimir Pesic</li> <li>• University of Prishtina "Hasan Prishtina" (Kosovo) – Dr. Halil Ibrahim</li> <li>• University of Sofia "St. Kl. Ohridski" (Bulgaria) – Dr. Stefan Tsakovski</li> <li>• Water Research Institute CNR-IRSA (Italy) – Dr. Andrea Buffagni</li> <li>• Institute of Nature Conservation, Polish Academy of Science – hab.Tadeusz Zajac</li> </ul>

15. Scientific Publications	
<u>15.1. Theses</u> <u>Doctoral Thesis</u>	<b>Karaouzas I.</b> 2011. Ecotoxicity and effects of agro-industrial wastewaters to stream biodiversity at multiple levels of biological organisation, Doctoral Thesis, Department of Chemistry, University of Ioannina, 307 pp. <a href="https://doi.org/10.12681/eadd/28858">https://doi.org/10.12681/eadd/28858</a>
<u>Master Thesis</u>	<b>Karaouzas I.</b> , 2002. The Freshwater quality assessment of the Pamisos River (South West Greece) using different European sampling methods, M.Sc. Thesis, Brunel University, UK, 178 pp.
<u>15.2. Books</u>	N. Skoulikidis, E. Dimitriou, and <b>I. Karaouzas</b> (eds.), 2018. <b>The Rivers of Greece: Evolution, Current Status and Perspectives</b> . The Handbook of Environmental Chemistry, vol. 59. Springer, Berlin, Heidelberg. 439 pp. <a href="https://doi.org/10.1007/978-3-662-55369-5">https://doi.org/10.1007/978-3-662-55369-5</a>
<u>15.3. Journal Special Issues</u>	<b>Karaouzas Ioannis</b> & Christos Theodoropoulos (eds), 2021. <b>Emerging Trends in Freshwater Ecology and Ecosystem Management</b> . <a href="https://www.mdpi.com/journal/water/special_issues/Freshwater_Ecology_Ecosystem">Water</a> <a href="https://www.mdpi.com/journal/water/special_issues/Freshwater_Ecology_Ecosystem">https://www.mdpi.com/journal/water/special_issues/Freshwater_Ecology_Ecosystem</a>
<u>15.4. Book Chapters</u>	<ol style="list-style-type: none"> <li data-bbox="437 969 1431 1115">1. <b>Karaouzas, I.</b>, Zamora-Muñoz, C., Bariáin, M. S., Waringer, J., &amp; Holzenthal, R. W. (2024). <b>Order Trichoptera</b>. In: <i>Identification and Ecology of Freshwater Arthropods in the Mediterranean Basin</i> (pp. 437-501). Elsevier.</li> <li data-bbox="437 1133 1431 1346">2. <b>Ioannis Karaouzas</b>, Christos Theodoropoulos, Leonidas Vardakas, Stamatis Zogaris, and Nikolaos Skoulikidis (2018). <b>The Evrotas River Basin: 10 Years of Ecological Monitoring</b>. In: N. Skoulikidis, E. Dimitriou, and I. Karaouzas (eds.), <i>The Rivers of Greece. The Handbook of Environmental Chemistry, vol. 59</i>. Springer, Berlin, Heidelberg pp. 279-326.</li> <li data-bbox="437 1364 1431 1509">3. <b>Ioannis Karaouzas</b> (2018) <b>Agro-Industrial Wastewater Pollution in Greek River Ecosystems</b>. In: N. Skoulikidis, E. Dimitriou, and I. Karaouzas (eds.), <i>The Rivers of Greece. The Handbook of Environmental Chemistry, vol 59</i>. Springer, Berlin, Heidelberg pp. 169-204.</li> <li data-bbox="437 1527 1431 1740">4. Kamil Hupało, Fabio Stoch, <b>Ioannis Karaouzas</b>, Anna Wysocka, Tomasz Rewicz, Tomasz Mamos, Michał Grabowski. 2021. <b>Freshwater Malacostraca of the Mediterranean Islands – Diversity, origin and conservation perspectives</b>. In: <i>Kawai T, Rogers D.C, (eds). Freshwater Crustacean conservation, Crustacean issues. Boca Raton: CRC Press, Taylor and Francis Group</i>. pp. 139–219. ISBN 9780367443504</li> <li data-bbox="437 1758 1431 1904">5. Nikolaos Skoulikidis, Stamatis Zogaris, <b>Ioannis Karaouzas</b> (2021). <b>The Balkan Rivers</b>. In: <i>Tockner K., Uehlinger U., Robinson C.T. (eds.). Rivers of Europe. 2nd Edition</i>, Academic Press. pp. 593-653. Rivers of Europe, Second Edition. <a href="https://doi.org/10.1016/B978-0-08-102612-0.00011-0">https://doi.org/10.1016/B978-0-08-102612-0.00011-0</a></li> <li data-bbox="437 1921 1431 2107">6. Lawrence E. Stevens, Anwar A. Aly, Sarah M. Arpin, Iva Apostolova, Gail M. Ashley, Paulo Quadri Barba, Jose Barquín, Aude Beauger, Lahcen Benaabidate, Sami Ullah Bhat, Lhoussaine Bouchaou, Marco Cantonati, Teresa M. Carroll, Russell Death, Kathleen A. Dwire, Miguel Fernandes Felipe, Roderick J. Fensham, Alan E. Fryar, Roger Pascual i</li> </ol>

	<p>Garsaball, Vojsava Gjoni, Douglas S. Glazier, Nico Goldscheider, Joseph T. Gurrieri, Ragnhildur Guðmundsdóttir, Atzalan Rodriguez Guzman, Michal Hájek, Kristian Hassel, Tamara Heartsill-Scalley, Jaume Solé i Herce, Dirk Hinterlang, Joseph H. Holway, Jari Ilmonen, Jeffrey Jenness, Jutta Kapfer, <b>Ioannis Karaouzas</b>, Robert L. Knight, Agnes-Katharina Kreiling, Christian Herrera Lameli, Jeri D. Ledbetter, Nataly Levine, Melinda D. Lyons, Robert E. Mace, Angeliki Mentzafou, Pierre Marle, Nils Moosdorf, Monica K. Norton, Allan Pentecost, Guillermo García Pérez, Bianca Perla, Abdullah A. Saber, Donald Sada, Stefano Segadelli, Kamilla Skaalsveen, Abraham E. Springer, Susan K. Swanson, Benjamin F. Schwartz, Peter Sprouse, Memory Tekere, Benjamin W. Tobin, Ernest Azwindini Tshibalo, Olivier Voldoire (2021). <i>The Ecological Integrity of Spring Ecosystems: A Global Review</i>, In: <i>Reference Module in Earth Systems and Environmental Sciences</i>, Elsevier, ISBN 9780124095489, <a href="https://doi.org/10.1016/B978-0-12-821139-7.00111-2">https://doi.org/10.1016/B978-0-12-821139-7.00111-2</a>.</p> <p>7. Gritzalis, K.C., <b>Karaouzas I.D.</b>, Skoulikidis, N.T. (2005). <i>Environmental factors affecting macroinvertebrate fauna in small and mid-sized calcareous lowland streams in Greece</i>. pp. 281-290. In: <i>River Basin Management progress towards implementation on the European Water Framework Directive</i>. Lawson John (ed.). Institute of Civil Engineers, London, United Kingdom</p>
<p><u>15.5. Publications in Peer Review Journals</u></p>	<p>1. <b>Dimitriou E., Karaouzas I.,</b> Skoulikidis N. &amp; Zacharias I. (2006). Assessing the environmental status of Mediterranean Temporary Ponds of Greece. <i>Annales de Limnologie – International Journal of Limnology</i> 42 (1): 33-41. <a href="http://dx.doi.org/10.1051/limn/2006004">http://dx.doi.org/10.1051/limn/2006004</a> [IF: 1.170 / Citations: 39]</p> <p>2. Gritzalis K.C., <b>Karaouzas I.</b> &amp; Skoulikidis N. (2006). Assessing the ecological quality of running waters of Thrace region (N.E. Greece) by the use of macroinvertebrate indicators. <i>Fresenius Environmental Bulletin</i> 15 (9b): 1182-1188. [IF: 0.489 / Citations: 5]</p> <p>3. Bertahas I., Dimitriou E., <b>Karaouzas I.,</b> Laschou S. &amp; Zacharias I. (2006). Climate change and agricultural pollution effects on the trophic status of a Mediterranean lake. <i>Acta Hydrochimica et Hydrobiologica</i> 342 (4): 349-359. <a href="https://doi.org/10.1002/ahch.200500637">https://doi.org/10.1002/ahch.200500637</a> [IF: 1.716 / Citations: 31]</p> <p>4. <b>Karaouzas I.</b> &amp; Gritzalis K.C. (2006). Local and regional factors determining aquatic and semi-aquatic bug (Heteroptera) assemblages in rivers and streams of Greece. <i>Hydrobiologia</i> 573: 199-212. <a href="https://doi.org/10.1007/s10750-006-0274-1">https://doi.org/10.1007/s10750-006-0274-1</a> [IF: 2.694 / Citations: 58]</p> <p>5. <b>Karaouzas I.,</b> Gritzalis K.C. &amp; Skoulikidis N.T. (2007). Land use effects on macroinvertebrate assemblages and stream quality along an agricultural river basin. <i>Fresenius Environmental Bulletin</i> 16 (6): 645-653. [IF: 0.489 / Citations: 15]</p> <p>6. Dimitriou E., <b>Karaouzas I.,</b> Sarantakos K., Zacharias I., Bogdanos K. &amp; Diapoulis A. (2008). Groundwater risk assessment at a heavily industrialized catchment and the associated impacts on a peri-urban wetland. <i>Journal of Environmental Management</i> 88: 526-538. <a href="https://doi.org/10.1016/j.jenvman.2007.03.019">https://doi.org/10.1016/j.jenvman.2007.03.019</a> [IF: 6.789 / Citations: 103]</p> <p>7. Skoulikidis N., <b>Karaouzas I.</b> &amp; Gritzalis K. (2009) Identifying key</p>

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<p><u>15.6. Publications in Conferences</u></p> <p>15.6.2. National Conferences</p>	<p><b>1.</b> Gritzalis, K., Skoulikidis, N., Kouvarda, T. &amp; <b>Karaouzas, I.</b> (2003). Self-purification processes and the effects of habitat modification on macroinvertebrate species diversity in Greek rivers. <i>7<sup>th</sup> National Symposium of Oceanography and Fisheries. Crete, Greece. May 6-9, p.235.</i></p> <p><b>2.</b> Gritzalis, K., Skoulikidis, N. &amp; <b>Karaouzas, I.</b> (2003). The ecological quality assessment of Acheloos tributaries. <i>7<sup>th</sup> National Symposium of Oceanography and Fisheries. Crete, Greece. May 6-9, p.368.</i></p> <p><b>3.</b> Gritzalis, K.C., <b>Karaouzas, I.</b> &amp; Skoulikidis, N.T. (2005) Ecological assessment of Gorgopotamos River (Central Greece) with the use of benthic fauna. <i>Proceedings of the 27<sup>th</sup> Scientific Conference of the Hellenic Society for Biological Sciences</i>, pp. 63-64. Nauplio, Greece, May 12-15.</p> <p><b>4.</b> Gritzalis, K.C., Daoulas, C. &amp; <b>Karaouzas, I.</b> (2005) Structure and composition of benthic fauna communities in artificial ditches and surface alluvial pitches (Spercheios R., Area, Greece) <i>Proceedings of the 27<sup>th</sup> Scientific Conference of the Hellenic Society for Biological Sciences</i>, pp. 65-66. Nauplio, Greece, May 12-15.</p> <p><b>5.</b> Dimitriou, E., Antoniadis, K. and <b>Karaouzas, I.</b> (2005). Impacts from land use changes and agricultural activities on Chrysoupolis Lake. Greek</p>

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<p><u>15.7. Technical Reports/Deliverables</u></p>	<p><b>1.</b> Gritzalis, K.C., <b>Karaouzas, I.</b> &amp; Skoulikidis, N. 2006. Greek document on class boundaries setting and normative definitions for the IC Mediterranean GIG, Rivers (M1, M2 and M4). HCMR, 17 pp.</p> <p><b>2.</b> Δημητρίου Η., Μπερταχάς Η., <b>Καραούζας Ι.</b>, Σκουλικίδης Ν., Κολόμπαρη Ε. Μουσούλης Η. και Διαπούλης Α., 2006, ‘Μελέτη ανθρωπογενών πιέσεων στα Μεσογειακά Εποχικά Λιμνία της Κρήτης’. Life-Nat. ‘04, ‘Δράσεις για την διατήρηση των Μεσογειακών Εποχικών Λιμνίων στην Κρήτη’. Τελική Έκθεση.</p>

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	<p><b>50.</b> ΕΛΚΕΘΕ 2023. Πρώτη τεχνική έκθεση με τα αποτελέσματα μετρήσεων πεδίου. Έργο: Αξιολόγηση του οικολογικού ρόλου των λειτουργιών καθώς και της αξίας για τη βιοποικιλότητα των ρεμάτων/ποταμών που εκβάλλουν στη Μικρή και Μεγάλη Πρέσπα. ΙΘΑΒΠΠΕΥ-ΕΛΚΕΘΕ, 137 σελ.</p> <p><b>51.</b> ΕΛΚΕΘΕ 2023. Δεύτερη ενδιάμεση ετήσια τεχνική έκθεση αποτελεσμάτων μετρήσεων πεδίου. Έργο: Αξιολόγηση του οικολογικού ρόλου των λειτουργιών καθώς και της αξίας για τη βιοποικιλότητα των ρεμάτων/ποταμών που εκβάλλουν στη Μικρή και Μεγάλη Πρέσπα. ΙΘΑΒΠΠΕΥ-ΕΛΚΕΘΕ, 230 σελ.</p>
<p><u>15.8. Articles in magazines / popularised articles</u></p>	<ol style="list-style-type: none"> <li><b>1.</b> Καπάκος Γ. &amp; <b>Καραούζας Ι.</b> (2016). Οι γαρίδες των εσωτερικών νερών της Ελλάδας. Η Φύση. Τεύχος 155, σελ. 28-33.</li> <li><b>2.</b> <b>Καραούζας Ι.</b> (2015) Απόβλητα ελαιουργείων - Ένα περιβαλλοντικό πρόβλημα δίχως τέλος. Αντίλαλος της Βρίσας, Τεύχος 57, σελ. 17-18.</li> <li><b>3.</b> <b>Καραούζας Ι.</b> (2014). Παρακολούθηση της οικολογικής κατάστασης επιφανειακών νερών μέσα από την Οδηγία Πλαίσιο για τα Ύδατα. Η Φύση. Τεύχος 147, σελ. 8-13.</li> <li><b>4.</b> <b>Καραούζας Ι.</b> (2014). Η οργανική ρύπανση στα ποτάμια της Ελλάδας. Η Φύση. Τεύχος 147, σελ. 19-22.</li> <li><b>5.</b> <b>Καραούζας Ι.</b> &amp; Ζόγκαρης Σ. (2013). Υγρότοπος Αρτέμιδας. Χρειάζεται αναγνώριση και προστασία. Η Φύση. Τεύχος 142, σελ. 34-37.</li> </ol>
<p><b>16. Paper Reviews in Scinetfic Journals</b> (indicative list)</p> <p><b>110</b> reviews for <b>38</b> journals</p>	<ol style="list-style-type: none"> <li>1. Science of the Total Environment</li> <li>2. Zootaxa African Journal of Environmental Science and Technology</li> <li>3. Hydrobiologia</li> <li>4. Freshwater Biology</li> <li>5. Water Research</li> <li>6. Annales de Limnologie - International Journal of Limnology</li> <li>7. BioInvasions Records</li> <li>8. Chemosphere</li> <li>9. Earth Science Informatics</li> <li>10. Ecological Engineering</li> <li>11. Ecotoxicology and Environmental Safety</li> <li>12. Environmental Engineering and Management Journal</li> <li>13. Environmental Modeling &amp; Assessment</li> <li>14. Environmental Monitoring and Assessment</li> <li>15. Fresenius Environmental Bulletin</li> <li>16. International Journal of Water</li> <li>17. Journal of Environmental Management</li> <li>18. Journal of Insect Biodiversity</li> <li>19. Limnetica</li> </ol>

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|  | <ul style="list-style-type: none"><li>20. Water</li><li>21. SN Applied Sciences</li><li>22. Aquatic Insects</li><li>23. International Review of Hydrobiologia</li></ul> |
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