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1. Education Profile

1986: B.Sc., Biology, Aristotelian University of Thessaloniki, Greece

1991: Ph.D., Zoology, Aristotelian University of Thessaloniki, Greece

2006: M.A., European History, University of Athens, Greece

2. Professional Profile

1988 - 1990: Research Assistant, Institute for Neurobiology, Free University of Berlin, Germany

1991: Research Assistant, Department of Biology, Aristotle University of Thessaloniki, Greece

1992 - 1995: Postdoctoral Fellow, Department of Zoology, University of Cambridge, United Kingdom

2001 - 2006: Research Associate, IMBRIW, HCMR

2006 -2016: Assistant Researcher, IMBRIW, HCMR

2016-2021: Researcher C, IMBRIW, HCMR

2021-2026: Researcher B, IMBRIW, HCMR

3. Publications

A) Ph.D. thesis

Kalogianni E. "Neural control of the reproductive system of the orthopterans *Locusta migratoria*, *Calliptamus* sp. and *Decticus albifrons*", Aristotle University of Thessaloniki, Greece (1991).

B) Publications in international peer-reviewed journals

1. **Kalogianni E.**, Consoulas C. & G. Theophilidis (1989). Anatomy and innervation of the abdominal segmental muscles of the larvae and adult *Tenebrio molitor* (Coleoptera). *Journal of Morphology* 202: 1-9 (Impact Factor 2018/2019: 1,558).
2. Theophilidis G., Consoulas C. & **E. Kalogianni** (1989). Mapping of insect muscle fibres innervated by the same motoneuron with intracellular injection of cobalt dye. *Journal of Neuroscience Methods*, 30: 147-149 (Impact Factor 2018/2019: 2,785).

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| 3. | Kalogianni E. & H.J. Pflüger (1992). The identification of motor and unpaired median neurons innervating the locust oviduct. <i>Journal of Experimental Biology</i> , 168: 177-198 (Impact Factor 2018/2019: 3,017). |
| 4. | Kalogianni E. & G. Theophilidis (1993). Centrally generated rhythmic activity and modulatory function of the oviductal dorsal unpaired median (DUM) neurons in two orthopteran species (<i>Calliptamus</i> sp. and <i>Decticus albifrons</i>). <i>Journal of Experimental Biology</i> , 174:123-138 (Impact Factor 2018/2019: 3,017). |
| 5. | Kalogianni E. & G. Theophilidis (1995). Motor innervation of the oviducts and central generation of the oviductal contractions in two orthopteran species (<i>Calliptamus</i> sp. and <i>Decticus albifrons</i>). <i>Journal of Experimental Biology</i> , 198: 507-520 (Impact Factor 2018/2019: 3,017). |
| 6. | Kalogianni E. (1995). Physiological properties of wind-sensitive and tactile trichoid sensilla on the ovipositor and their role during oviposition in the locust. <i>Journal of Experimental Biology</i> , 198:1359-1369 (Impact Factor 2018/2019: 3,017). |
| 7. | Kalogianni E. (1996). Morphology and physiology of abdominal projection interneurons in the locust with mechanosensory inputs from ovipositor hair receptors. <i>Journal of Comparative Neurology</i> , 366: 656-673 (Impact Factor 2018/2019: 3,239). |
| 8. | Kalogianni E. & M. Burrows (1996). Parallel processing of mechanosensory inputs from the locust ovipositor by intersegmental and local interneurons. <i>Journal of Comparative Physiology</i> , 178: 735-748 (Impact Factor 2018/2019: 1,882). |
| 9. | Vogiatzi E., Kalogianni E. , Giakoumi S., Magoulas A. & C. S. Tsigenopoulos (2009). Characterization of polymorphic microsatellite markers in <i>Valencia letourneuxi</i> (Valenciidae) and cross-amplification in two other cyprinodontiform species. <i>Conservation Genetics Resources</i> , Springer Netherlands, 1/1: 27-30 (Impact Factor 2018/2019: 1,154). |
| 10. | Kalogianni E. , Giakoumi S., Zogaris S., Chatzinikolaou Y., Zimmerman B. & A.N. Economou (2010a). Current distribution and ecology of the critically endangered <i>Valencia letourneuxi</i> in Greece. <i>Biologia - Section Biology</i> , 65/1: 128-139 (Impact Factor 2018/2019: 0.728). |
| 11. | Kalogianni E. , Giakoumi S., Andriopoulou A. & Y. Chatzinikolaou (2010b). Feeding ecology of the critically endangered <i>Valencia letourneuxi</i> (Valenciidae). <i>Aquatic Ecology</i> , 44/1: 289-299 (Impact Factor 2018/2019: 2,505). |
| 12. | Perdikaris C., Paschos I., Gouva E., Giakoumi S., Pappas E. & E. Kalogianni (2010c). Rapid population collapse of the critically endangered <i>Valencia letourneuxi</i> in Kalamas basin of Northwest Greece. <i>AACL Bioflux</i> , 3/2:69-75 (Impact Factor 2018/2019: 0,54). |
| 13. | Kalogianni E. , Alexis M., Tsangaris C., Abraham M., Wendelaar Bonga S. E., Iger Y., Van Ham E. H. & M. Th. Stoumboudi (2011). Cellular responses in the skin of the gilthead sea bream <i>Sparus aurata</i> and the sea bass <i>Dicentrarchus labrax</i> exposed to high ammonia. <i>Journal of Fish Biology</i> , 78, 4. 1152-1169 (Impact Factor 2018/2019: 2,038). |
| 14. | Apostolidis A. P., Stoumboudi M. Th., Kalogianni E. , Cote G. & L. Bernatchez (2011). Genetic divergence among native trout <i>Salmo trutta</i> populations from southern Balkans based on mitochondrial DNA and microsatellite variation. <i>Journal of Fish Biology</i> , 79, 7, 1950-1960 (Impact Factor 2018/2019: 2,038). |
| 15. | Vanhove M. P. M., Economou A. N., Zogaris S., Larmuseau M. H. D., Giakoumi S., Kalogianni E. , Volckaert F. A. M. & T. Huyse (2012). Phylogenetics and biogeography of the Balkan 'sand goby' (Teleostei, Gobiidae) radiation: vulnerable species in need of taxonomic revision. <i>Biological Journal of the Linnean Society</i> , 105, 73-91 (Impact Factor 2018/2019: 2,203). |
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| 17. | Vogiatzi E., Kalogianni E. , Zimmerman B., Giakoumi S., Barbieri R., Paschou P., Magoulas A., Tsaparis D., Poulakakis N. & C. S. Tsigenopoulos (2014). Reduced genetic variation and strong genetic population structure in the freshwater killifish <i>Valencia letourneuxi</i> (Valenciidae) based on nuclear and mitochondrial markers. <i>Biological Journal of the Linnean Society</i> , 111: 334-349 (Impact Factor 2018/2019: 2,203). |

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| 21. Skoulikidis NT, Sabater S, Datry T, Morais MM, Buffagni A, Dörflinger G, Zogaris S, Del Mar Sánchez-Montoya M, Bonada N, Kalogianni E , Rosado J, Vardakas L, De Girolamo AM, Tockner K. (2017). Non-perennial Mediterranean rivers in Europe: status, pressures, and challenges for research and management. <i>Science of the Total Environment</i> . 2017, 577, 1-18 (Impact Factor 2018/2019: 5,589). | |
| 22. Vardakas L, Kalogianni E , Papadaki C, Vavalidis TH, Mentzafou A, Koutsoubas D, Skoulikidis TN. (2017a). Defining critical habitat conditions for the conservation of three endemic and endangered cyprinids in a Mediterranean intermittent river before the onset of drought. <i>Aquatic Conserv: Mar Freshw Ecosyst</i> . doi: 10.1002/aqc.2735 (Impact Factor 2018/2019: 2,935). | |
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| 27. Vardakas L., Kalogianni E. , Economou A.N., Koutsikos N., Skoulikidis N.T. (2017b) Mass mortalities and population recovery of an endemic fish assemblage in an intermittent river reach during drying and rewetting. <i>Fundam. Appl. Limnol.</i> 190/4, 331–347 (Impact Factor 2018/2019: 0,980). | |
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| freshwater fish species in the Balkans-Vectors and pathways of introduction. <i>Fish Fish.</i> (2017), Vol 19, pp. 138-169. https://doi.org/10.1111/faf.12242 (Impact Factor 2018/2019: 6,655). | |
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| 31. Karaouzas I, Smeti E., Vourka A., Vardakas L., Mentzafou A., Tornés E., Sabater S., Muñoz I., Skoulikidis N. Th., Kalogianni E. (2018b). Assessing the ecological effects of water stress and pollution in a temporary river - Implications for water management. <i>Science of the Total Environment</i> , 618 (2018) 1591–1604. https://doi.org/10.1016/j.scitotenv.2017.09.323 (Impact Factor 2018/2019: 5,589). | |
| 32. Koutsikos N., Vardakas L., Kalogianni E. , Economou A.N. (2018). Global distribution and climatic match of a highly traded ornamental freshwater fish, the sailfin molly <i>Poecilia latipinna</i> (Lesueur, 1821). <i>Knowl. Manag. Aquat. Ecosyst.</i> , 419 23 (Impact Factor 2018/2019: 1,265). | |
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| 35. Smeti, E., Schiller, D., Karaouzas, I., Laschou, S., Vardakas, L., Sabater, S., Tornés, E., Monllor-Alcaraz, L.S., Guillem-Argiles, N., Martinez, E., Barceló, D., López de Alda, M., Kalogianni, E. , Elozegi, A., Skoulikidis, N. (2019a). Multiple stressor effects on biodiversity and ecosystem functioning in a Mediterranean temporary river. <i>Science of the Total Environment</i> , 647, 1179–1187. https://doi.org/10.1016/j.scitotenv.2018.08.105 (Impact Factor 2018/2019: 5,589). | |
| 36. Milačič, R., Zuliani, T., Vidmar, J., Bergant, M., Kalogianni, E. , Smeti, E., Skoulikidis, N., Ščančar, J. (2019) Potentially toxic elements in water, sediments and fish of the Evrotas River under variable water discharges. <i>Science of the Total Environment</i> , 648, 1087-1096, doi:10.1016/j.scitotenv.2018.08.123 (Impact Factor 2018/2019: 5,589). | |
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C) Monographs

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- Kalogianni E.**, S. Giakoumi, A. Andriopoulou, Y. Chatzinikolaou & A.N. Economou (2007). "Feeding Ecology of two populations of the critically endangered Greek Killifish, *Valencia letourneuxi*". XII European Congress of Ichthyology, Cavtat (Dubrovnik), Croatia, 9-13 September, Book of Abstracts, p. 232
- Stoumboudi M.Th., I.G. Cowx, R. Barbieri, M. Corsini-Foka, **E. Kalogianni** & G. Kondylatos (2007). "Adverse effects from the construction of the Gadouras dam on the local *Ladigesocypris ghigii* population and potential rehabilitation actions". XII European Congress of Ichthyology, Cavtat (Dubrovnik), Croatia, 9-13 September, Book of Abstracts, p. 238.
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- Stoumboudi M.Th., **E. Kalogianni**, E. Dimitriou, N. Skoulikidis, I. Bertachas, I. Moussoulis, N. Koutsikos & R. Barbieri (2009). "Impacts from the construction of a dam on the autochthonous ichthyofauna of a mountainous stream and potential rehabilitation actions". XIII European Congress of Ichthyology, 6-12 September 2009, Klaipeda, Lithuania. Book of Abstracts, p. 26
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- Vogiatzi E., **E. Kalogianni**, S. Giakoumi, A. Magoulas & C. Tsigenopoulos (2009). "Genetic variation and biogeography of the Corfu toothcarp *Valencia letourneuxi* Sauvage, 1880 (Pisces, Valenciidae) based on microsatellite markers". 11th International Congress on the Zoogeography and Ecology of Greece and Adjacent Regions, Herakleion, Crete, 21-25 September 2009. Book of Abstracts, p. 202
- Kalogianni E.**, S. Giakoumi & Y. Chatzinikolaou (2012). "Impacts of the invasive mosquito fish *Gambusia holbrooki* on the Greek native *Valencia letourneuxi*". XIV European Congress of Ichthyology, Liège, Belgium, 3-8 July 2012. Book of Abstracts, p. 111

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| <p>9. Stoumboudi M., E. Dimitriou, R. Barbieri, E. Kalogianni & I. Cowx (2012). “Estimating the minimum ecological flow downstream the Gadouras dam (Rhodes Island, Greece) for conserving the local <i>Ladigeosocypris ghigii</i> population”. XIV European Congress of Ichthyology, Liège, Belgium, 3-8 July 2012. Book of Abstracts, p. 217.</p> <p>10. Zogaris S., Y. Chatzinikolaou, N. Koutsikos, E. Kalogianni, S. Giakoumi, L. Vardakas, D. Kommatas, V. Tachos, Y. Kapakos & A.N. Economou (2012). “Important Fish Areas: Developing a method for a rapid ichthyological conservation evaluation in inland waters in Greece”. 12th International Congress on the Zoogeography, Ecology and evolution of southwestern Europe and the eastern Mediterranean, Athens, Greece, June 18 - 22, 2012. University of Athens. Book of Abstracts, p. 201.</p> |
| <p>11. Vardakas L., E. Kalogianni, A.N. Economou, Y. Chatzinikolaou, D. Koutsoubas, D. Kommatas, S. Zogaris, N. Koutsikos & N. Skoulikidis (2013). “Assessing the effects of drought and the recovery processes of fish assemblages in a Mediterranean basin”. Symposium for European Freshwater Sciences, 1-5 July 2013, Muenster, Germany. Book of Abstracts, p. 410.</p> |
| <p>12. Vardakas L., E. Kalogianni, D. Kommatas, M.Th. Stoumboudi, A. Mentzafou, A.N. Oikonomou & N.Th. Skoulikidis (2015). “Habitat use by three range restricted endemic fish species in reference and impacted conditions (Evrotas River, Southern Greece) - Preliminary results”. 11th Panhellenic Symposium on Oceanography and Fisheries, Mytilene, Lesvos island, Greece, 13-17 May 2015, p.633-636.</p> |
| <p>13. C. Papadaki, L. Vardakas, E. Dimitriou, D. Kommatas & E. Kalogianni (2015). “Microhabitat use by two Greek endemic chub species, using electrofishing and snorkeling, in two greek rivers - Preliminary results”. 11th Panhellenic Symposium on Oceanography and Fisheries, Mytilene, Lesvos island, Greece, 13-17 May 2015, p. 629-632.</p> |
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| <p>16. von Schiller D., O. Pereda, A. Larrañaga, M. Arroita, J. Pozo, L. Solagaistua, V. Acuña, S. Sabater, I. Muñoz, F. Sabater, A. Butturini, A. Ginebreda, D. Rivas, A. Bellin, B. Majone, A. Sacchi, M. Paunović, N. Skoulikidis, E. Kalogianni, L. Vardakas & A. Elozegi (2016). The GLOBAQUA tool-box to assess river ecosystem functioning: 1st Globaqua International Conference, 11-12 January 2016, Freising, Germany, p.96.</p> |
| <p>17. Ker Rault P., J. Luttik, L. Braat, E. Kalogianni, N. Skoulikidis, D. Kouvarda, L. Vardakas, M. Anastasiadis & N. Pavlineri (2016). European research project GlobAqua “Managing the effects of multiple stressors on aquatic ecosystems under water scarcity” Participative valuation of ecosystem services, Workshop 1 Elicitation, Evrotas River Basin, SETAC Meeting, Nantes, 22-26 May 2016.</p> |
| <p>18. Muñoz I., N. de Castro-Català, E. Kalogianni, I. Karaouzas, K. Vourka, E. Smeti, L. Vardakas, M. Paunovic, C. Borrego, M. Petrovic, S. Sabater, S. Díaz, M. Farré, S. Monllor-Alcaraz, N. Guillem-Argiles, M. López de Alda, S. Lutz, A. Bellin & E. Stella (2017). Keynote: Biodiversity responses to multiple stressors in the Globaqua basins: bacteria, algae, macrophytes, invertebrates and fish. Globaqua Workshop: A Reconnaissance of Trace Organic Compounds and Metals in Globaqua River Basins: Effects on Ecosystems and Risk Assessment, 9-10 November 2017, Barcelona (Spain), Book of Abstracts, p. 36.</p> |

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| 19. Kalogianni E. (2017). Biota response to water stress and a pollution gradient in a Mediterranean intermittent river (2017). Keynote: Biota response to water stress and a pollution gradient in a Mediterranean intermittent river, Globaqua Workshop: A Reconnaissance of Trace Organic Compounds and Metals in Globaqua River Basins: Effects on Ecosystems and Risk Assessment. 9-10 November 2017, Barcelona (Spain), Book of Abstracts, p. 30. |
| 20. Rügner H., M. Schwientek, P. Grathwohl, T. Nasrabadi, T. Zuliani, R. Milacic, S. Laschou & E. Kalogianni (2017). Particle facilitated pollutant transport in rivers. Globaqua Workshop: A Reconnaissance of Trace Organic Compounds and Metals in Globaqua River Basins: Effects on Ecosystems and Risk Assessment, 9-10 November 2017, Barcelona (Spain), Book of Abstracts, p. 38. |
| 21. Milačić R., T. Zuliani, J. Vidmar, M. Bergant, E. Kalogianni , N. Skoulikidis & J. Ščančar (2017). Potentially toxic elements in water, sediments and fish of the Evrotas River under variable water discharges. Globaqua Workshop: A Reconnaissance of Trace Organic Compounds and Metals in Globaqua River Basins: Effects on Ecosystems and Risk Assessment, 9-10 November 2017, Barcelona (Spain), Book of Abstracts, p. 51. |

4. Research activity

Participation to **44** research projects (in **14** as scientific coordinator or project manager)

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| 1. «Assessment of the Ecological Status of <i>Valencia letourneuxi</i> ». Scientific Supervisor: Dr A. Oikonomou. Project Coordinator: Dr E. Kalogianni . Funding: European Union of Aquarium Curators, €7,715 (via the Zoological Society of London – ZSL) (20/06/05-31/12/05). |
| 2. “Study of Fish Fauna and Conservation Proposals in the Skopos–Papadia Dam Construction Area.”. Scientific Supervisor: Dr M. Th. Stoumboudi. Project Coordinator: Dr E. Kalogianni . Funding: Public Power Corporation S.A. (PPC), General Directorate of Generation, Hydroelectric Projects Development Department, €105,000. (27/11/06-27/11/08). |
| 3. “Scientific Cooperation and Technology Transfer for the Development of a Fish-based Assessment Method of Surface Waters Ecological Status”. Scientific Supervisor: Dr A. Economou. Project Coordinator: Dr E. Kalogianni . Funding: Ministry of Development, within the framework of the Greece–Montenegro R&D Cooperation Programme (2006–2008), Operational Programme “Competitiveness” (EPAN), Measure 4.3, Action 4.3.6.1, €9,905. (30/09/06-31/03/08) |
| 4. Fredie-Greece “Fieldwork to collect specimens to barcode freshwater fishes, mollusks and mayflies of Greece (FREDIE GREECE)”. Scientific Supervisor: Dr M. Th. Stoumboudi. Project Management: Dr E. Kalogianni . Funding: Zoologisches Forschungsmuseum Alexander Koenig, Museumsmeile, Bonn, Germany, €6,567.80. (01/09/2011-31/10/2011). |
| 5. “Managing the effects of multiple stressors on aquatic ecosystems under water scarcity” (Study Area: Evrotas River basin), project GlobAqua. Scientific Supervisor: Dr N. Skoulikidis. Project Coordinator: Dr E. Kalogianni . Funding: FP7-ENV Programme, €327,030. (01/02/2014 – 31/12/2019). |
| 6. “Fish Net-Greece: Conservation of the Corfu Killifish, <i>Valencia letourneuxi</i> ”; in collaboration with the Zoological Society of London (ZSL). Scientific Supervisor: Dr E. Kalogianni . Funding: Zoological Society of London (ZSL) and A. G. Leventis Foundation, €52,948.00 (via ZSL). (10/04/2012-31/12/2017). |
| 7. RESILIENT “Population assessment of the Corfu killifish and other Greek endemic freshwater species using established and innovative methods”. Project Scientific Supervisor (HCMR – Hellenic Centre for Marine Research): Dr E. Kalogianni . Project Funding: A. G. Leventis Foundation (via the Zoological Society of London – ZSL), €13,703.42. (05/09/2018 – 30/9/2019). |

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| <p>8. DECAGON “Development, reproduction and ethology of the Greek killifish Valencia sp.” Project Scientific Supervisor: Dr E. Kalogianni. Project Funding: Zoological Society of London (ZSL), €4,590. (05/09/2018 – 30/9/2020).</p> | |
| <p>9. PACIM “Population assessment of two critically endangered Greek fish species and range assessments of the highly invasive mosquitofish and topmouth gudgeon”. Project Scientific Supervisor (HCMR – Hellenic Centre for Marine Research): Dr E. Kalogianni. Project Funding: A. G. Leventis Foundation (via the Zoological Society of London – ZSL), €9,522. (1/5/2019-30/7/2020).</p> | |
| <p>10. PARNON – Actions to Improve the Conservation Status of the Protected Fish Species <i>Squalius keadicus</i> (Endangered) and <i>Pelagus laconicus</i> (Critically Endangered). Project Scientific Supervisor (HCMR – Hellenic Centre for Marine Research): Dr E. Kalogianni. Project Funding: Management Body of Parnon, Moustos, Mainalo and Monemvasia, €70,903.20 (31/1/2020-31/1/2023).</p> | |
| <p>11. AFRESH “Application of innovative methodologies for the wide range monitoring of native and alien freshwater fish of Greece Project Scientific Supervisor (HCMR – Hellenic Centre for Marine Research): Dr E. Kalogianni. Project Funding: A. G. Leventis Foundation / Bristol, Clifton & West of England Zoological Society, €39,974. (1/10/2020-30/9/2025).</p> | |
| <p>12. «Monitoring and Recording the Status (Quality, Quantity, Pressures, and Use) of the Country’s Waters». Project Scientific Supervisor: Dr I. Dimitriou. Coordinator for “River Waters” and responsible for the BQEs “Diatoms” and “Macrophytes” (Institute of Marine Biological Resources and Inland Waters – HCMR):Dr E. Kalogianni. Project Funding: General Secretariat for Research and Innovation (GSRI), €16,345,706. (02/11/2017 – 31/12/2023)</p> | |
| <p>13. ANATHALLOI « Development of Management Tools for Marine and Lake Ecosystems» Scientific Supervisor: Dr M. Th. Stoumboudi. Lead of Action 2.1 “Delineation of Research Areas” and Action 3.3 “Trichonida – Development of the Ecopath Model”: Dr E. Kalogianni.Project Funding: Operational Programme “Competitiveness, Entrepreneurship and Innovation” 2014–2020. The project is co-funded by the European Regional Development Fund (ERDF), €800,000. (15/12/2017-30/6/2020).</p> | |
| <p>14. «Monitoring and Recording the Status (Quality, Quantity, Pressures, and Use) of the Country’s Waters during the 2021–2027 Programming Period (PEKA-OPY)» Project Scientific Supervisor: Dr E. Kalogianni. Project Funding: General Secretariat for Research and Innovation (GSRI), €18,237,875.00. (26/03/2024 - 31/12/2029).</p> | |
| <p>Research interests Freshwater fish biology and ecology, anatomy, histology and physiology. Alien fish species, Conservation of endemic fish species, Ecological quality assessment of inland waters.</p> | |