



PERSONAL INFORMATION

Professor Evanthia S. Papastergiadou



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Nationality: Greek

Sex: Female

Research profile

Eva Papastergiadou is a Professor of Ecology at the University of Patras, with an expertise on ecosystem-scale dynamics in freshwaters, functional diversity patterns, and processes of aquatic macrophytes assemblages. She has experience as key partner and National representative of Greece and Cyprus in WFD Intercalibration process, in many national and international projects on biodiversity conservation, shallow lakes functioning; monitoring and management of protected areas; organization of workshops and coordination of scientific working teams (e.g. Implementation of the Natura 2000 network, ecological quality assessment of inland waters, WFD 2000/60). Editorial Board member of eight international journals, and editor of three special issues. Her research interests focused on Freshwater Ecology, Conservation and Management included functional aspects of lake and river communities, environmental and climate changes on aquatic ecosystems functioning, evaluation of ecological quality, and dynamics of aquatic and riparian vegetation, patterns and processes structuring macrophyte assemblages at various spatial scales, biodiversity monitoring, impacts of human activities, and the effects of landscape structure and habitat quality on freshwater biodiversity.

Currently, she is a Director of the Environmental Sciences Lab of the School of Natural Sciences, of University of Patras, and Director of the Post Graduate programme of the Department of Biology named: "Applied Ecology and Environmental Management".

WORK EXPERIENCE

Dates	2018-present
Institution	Department of Biology, University of Patras, Patras, Greece
Occupation	Professor of <i>Plant Ecology & Management of Freshwater Ecosystems</i>
Dates	2014 - 2018
Institution	Department of Biology, University of Patras, Patras, Greece
Occupation	Associate Professor of <i>Plant Ecology & Management of Freshwater Ecosystems</i>
Dates	2008-2014
Institution	Department of Biology, University of Patras, Patras, Greece
Occupation	Assistant Professor of <i>Plant Ecology</i>
Dates	2002-2008
Institution	Department of Biology, University of Patras
Occupation	Lecturer of <i>Plant Ecology</i>



Dates	1991-2002
Institution	The Goulandris Natural History Museum, Greek Biotope Wetland Centre (EKBY), Thessaloniki, Greece
Occupation	Senior Researcher
Education -Scholarships	<p>Erasmus Staff Mobility for Training for the scientific visit at CEH (Center for Ecology & Hydrology) of Edinburgh Scotland, UK (2016).</p> <p>State Scholarship Foundation for the scientific visit at Technical University of Lisbon, Faculty of Agronomy, Forest Department in Portugal (2009).</p> <p>European Seminar "Water Frame Directive 2000/60 -Measurement Uncertainty", Institute of Ecology, University of Vienna, and Danube Biodiversity Association (2004).</p> <p>European Commission's Improving Human Potential (IHP) Access to Research Infrastructures Program. The National History Museum of London, UK (2003).</p> <p>Post Doctoral Research at the Department of Vegetation Science, Plant Ecology and Vegetation Science, Agricultural University of Wageningen (1994). <i>Special Courses</i>: Multivariate Analysis of Vegetation Data & Classification and Ordination Techniques for Ecological Data Analysis.</p> <p>Ph.D. Degree. Department of Biology, Aristotle University of Thessaloniki, Greece.</p> <p>Dissertation Title: "Phytosociological and Ecological Studies of Aquatic Macrophytes (Hydrophytes), in Northern Greece."</p> <p>BSc in Biology. School of Natural Sciences, Department of Biology, Aristotle University of Thessaloniki, Greece</p> <p>School of Health Sciences, Pharmaceutical Department, Aristotle University of Thessaloniki, Greece</p>
PERSONAL SKILLS	
Mother tongue(s)	Greek
Other language(s)	English (Proficient user), German (basic user)
Computer skills	Knowledge of the most widespread Statistical Packages; SPSS, Canoco, PCORD, Turboveg, Primer v6, Word processing, Spreadsheet, Graphics, Statistics, Geographical Information Systems (GIS)
Research Interests	Freshwater Ecology, Ecosystem Conservation and Management. Water Quality, Climate changes, Aquatic plants as Biological Quality Elements (WFD 2000/60/EE), Monitoring of Habitat types, Landscape dynamics.
Research Activities	<p>Research topics (current)</p> <ul style="list-style-type: none">• Water quality assessment, Ecological Indicators (WFD 2000/60/EC biological quality element; macrophytes).• Climate change effects on shallow lakes; community structure, species responses, ecosystem functioning, and metabolism.• Biological monitoring, macrophyte functional diversity patterns and processes, multiple stressors on aquatic vegetation, community ecology, riparian ecology, and landscape analysis• Biodiversity Conservation and Management of Habitat Types and Flora species of Community Interest (Directive 92/43/EEC).• Landscape ecology and spatiotemporal change analysis.



Research Activities

Research priorities & perspectives.

- Climate change research focus, on freshwaters of the Mediterranean biogeographical region and the potential responses of biological communities, plant traits and ecological integrity of food-webs, and other ecosystem characteristics to climate related stressors.
- Monitoring and assessment of Ecological Water Quality and reference conditions of freshwater and transitional water body types (WFD 2000/60) in east Mediterranean, hydrological regime, and environmental variables of inland waters.
- Landscape ecology and dynamics of aquatic and riparian vegetation including human activities and long-term change detection analysis.
- Maintain and increase our involvement in long-term monitoring activities, conservation, and management actions in the context of EU Directives (Habitats 92/43, WFD 2000/60, KBA's) and Management Bodies of NATURA 2000 areas (Reporting Art. 17 Dir. 92/43, Management Plans).

Research projects
(Selected):**International Projects**

- Integrated actions for the conservation and management of Natura 2000 sites, species, habitats, and ecosystems in Greece. European Commission, **LIFE-IP** (2018 - 2025.)
- Knowledge Conversion for Enhancing Management of European Riparian Ecosystems and Services. **COST Action CA16208** - CONVERGES (2017 – 2021).
- Sampling, sample analysis, and evaluation of Biological Quality Elements. Implementation of Article 8 of Directive 2000/60/EC (Rivers). **Water Development Department of Cyprus** (2016 – 2017).
- Adaptive strategies to mitigate the impacts of climate change on European freshwater ecosystems -REFRESH. Commission of the European Communities, Water resources. **FP7 –ENV 2009, REFRESH** (2010 – 2014).
- Evaluation of the ecological quality of Cyprus Rivers using macrophytes as biological quality elements. - IC-MEDGIG Intercalibration Exercise for River Macrophytes. **Water Development Department of Cyprus** (2009 – 2012).
- Evaluation of the ecological quality of Cyprus Rivers using macrophytes as biological quality elements - Implementation of the Water Framework Directive 2000/60 /EU. **Water Development Department of Cyprus** (2007-2008).
- Monitoring methods of coastal ecosystems – Implementation of Water Framework Directive 2000/60/EU. **Research Foundation of Cyprus** (2006 - 2008).
- EU-wide monitoring methods and systems of surveillance for species and habitats of Community interest – **EUMON**. Commission of the European Communities, **EU FP6** Specific Target Research Project (**STREP**) (2004-2008).
- Conservation Management of Cheimaditida-Zazari Wetlands. Commission of the European Communities **DGXI, LIFEGR03**. 2003 - 2004.
- Special Areas of Conservation (Directive 92/43/EEC) in Cyprus Island. Commission of the European Communities **DGXI, LIFEGR98/CY/172**. 1999 - 2001.
- Conservation and Management of sites of Community Importance in Greece (Directive 92/43/EEC). Commission of the European Communities **DGXI, LIFEGR96** The Goulandris Natural History Museum-Greek Biotope/Wetland Centre. 1996- 1997.
- Inventory, Identification, Evaluation, and Mapping of Habitat types and Flora and Fauna Species in Greece (Directive 92/43/EEC). Commission of the European Communities **DGXI, LIFEGR94** The Goulandris Natural History Museum-Greek Biotope/Wetland Centre. 1994 - 1995.

**Research projects
(Selected):****National Projects** (since 2003 at Patras University)

- Monitoring of ecological quality of Greek rivers for the Implementation of Article 8 of **WFD** 2000/60/EE: samplings and analyses of aquatic macrophytes. **NMRC** (2025-2029).
- AQUAQUILL: Filling the Wallacean Shortfall of the Aquatic Quillworts. ΟΦΥΠΕΚΑ** (2025-26)
Monitoring of ecological quality of Greek rivers for the Implementation of Article 8 of **WFD** 2000/60/EE: samplings and analyses of aquatic macrophytes. **NMRC** (2021-2023).
- Monitoring of ecological quality of Greek rivers for the Implementation of Article 8 of **WFD** 2000/60/EE: samplings and analyses of aquatic macrophytes. **NMRC** (2014-2015).
- Monitoring of Habitat types of Community Importance in the territory of National Park of Eastern Macedonia and Thrace. **ΕΠΑΜΑΘ**. Management Body of Delta of Nestos- Vistonis_ Ismaris lakes. 2013 - 2015.
- Assessment of the ecological quality and human impacts in freshwater ecosystems of Greece, using biotic communities. Basic Research Project - **Kartheodoris Research Fund** - University of Patras (2011 –2014).
- Design and implementation of a pilot-scale wetland rehabilitation of Lake Mouria, SW Greece. General Secretariat of Research and Technology - **PENED** (2005 - 2008).
- Assessment of the water quality using aquatic macrophytes as biological indicators. Basic Research. Project - **Kartheodoris Research Fund** - University of Patras (2004-2007).
- Biology of the invasive species *Carassius gibelio* (BLOCH, 1782) and the ecological consequences of its introduction in Greek freshwaters. **Pythagoras Research Funds**. (2004 – 2006).
- Management measures for conservation and enhancement of Kalodiki wetland, western Greece. **ΕΤΕΡΠΣ**- Ministry of Environment (2003 – 2004).

Academic responsibilities**Teaching****Undergraduate courses:**

Community and Ecosystems Ecology
Freshwater Ecology
Vegetation Ecology
Biodiversity and Conservation Biology
Introduction to Biology

General Ecology**Graduate courses:**

Applied Ecology
Biodiversity evaluation and Biomonitoring of species and Habitat types
Biological signals
Ecology and Environmental Management of Natural areas
Environmental Education
Integrated Coastal Zone Management
Management of Freshwater Ecosystems
Water quality monitoring and assessment

Teaching activities also included the supervision of 14 final graduation students, 21 Master Thesis from the Departments of Biology, Environmental and Natural Resources Management, Open University of Greece, and 10 PhD Theses of which 5 as principal supervisor at the Department of



	Biology.
PhD Thesis	<p>Xynogala I. 2025– in progress. Geodiversity as a determining factor for ecosystem functions and for the formation of biodiversity patterns in river ecosystems of Greece. Doctoral Thesis, Department of Biology, University of Patras</p> <p>Kostara Ai. - 2020. Ecological evaluation of catchment areas of two rivers of western Greece with remote sensing and Geographical Information. Doctoral Thesis, Department of Biology, University of Patras</p> <p>Chatzisolomou Ai. 2018. Modelling lakes environmental parameters. Interdepartmental post graduate course on environmental sciences. Doctoral Thesis, Department of Biology, University of Patras</p> <p>Christia Ch. 2014. Assessment of the ecological status of coastal lagoons of western Greece using aquatic macrophytes as biological indicators. Doctoral Thesis, Department of Biology, University of Patras, 274 pp. & Annexes</p> <p>Manolaki P. 2012. Ecological assessment of Acheron and Louros river, W. Greece and their catchment area using aquatic macrophytes as biological indicators. Doctoral Thesis, Department of Biology, University of Patras, 352 pp. & Annexes.</p> <p>Stefanidis K. 2012. Ecological assessment of lakes of NW. Greece with emphasis on the associations between aquatic macrophytes, zooplankton and water quality. Doctoral Thesis, Department of Biology, University of Patras, 272 pp. & Annexes.</p>
Thesis advisor committee	<p>Pirini Chr. 2011. Lakes Vegoritida and Petron: flora, vegetation, and phytogeography. Φυτογεωγραφία. Doctoral Thesis, Department of Biology, Aristotle University of Thessaloniki 332 pp. & Annexes</p> <p>Tsakiri E. 2009. Bryophytes of the upper Aliakmon River courses, western Macedonia: Phytogeography, ecology, and description of bryophytes flora of northern Greece. Doctoral Thesis, Department of Biology, Aristotle University of Thessaloniki 334 pp. & Annexes</p> <p>Karagianni P. 2009. Habitat types of ecology of lake Mouria, N. Hleia. Doctoral Thesis, Department of Biology, University of Patras, 234 pp. & Annexes.</p> <p>Vitsiou A. 2008. Ecological investigation of the wetland's delta Acheloos, Strofylia, Vasiliki, Kryoneri W. Greece. Relationships between environmental parameters, flora, and vegetation. Doctoral Thesis, Department of Biology, University of Patras, 205 pp. & Annexes.</p>
Science Management	<ul style="list-style-type: none">• Deputy Project Manager- General Coordinator of the Projects for the Implementation of the NATURA 2000 network, & for Mapping of the Habitat types in NATURA 2000 network Greece.• National Representative of Greece to the European Environment Agency (E.E.A.) for the EUNIS Habitat Classification of Europe, in the frame of EIONET.• Elected member of the Steering Committee of Planta Europa during 2001-04 & 2004-07• Member of the scientific board of Management Body of Lake Pamvotis (2003-2006).• National representative of Greece and Cyprus at the 2nd phase of Intercalibration Exercise for aquatic macrophytes «IC- MED GIG River Macrophytes», 2007-2011• Invited member of the International Committee of the International Association for Aquatic



Science Management

- Plants (2009- today)
- Expert of the Special Secretariat of Water (EΓΥ) of the Greek Ministry of Environment for the Implementation of the Water Framework Directive 2000/60/EE: WG D-Reporting & WISE GIS Workshop. (2014-2016)
 - Invited member of the International Union for Conservation of Nature – Species Specialist Group (**IUCN-SSG**) Freshwater Plant Specialist Group IUCN SSC (2016- today)
 - Invited member of the '**MedWet**' Specialist Group on the monitoring and assessment of wetland biodiversity (MedWet/STN/SG/Biodiversity)
 - Member of the Management Committee of **COST Action** 16208: OC-2016-2-21391 CONVERGES (2017- today).
 - Scholarship by the State Scholarship Foundation for the scientific visit at Technical University of Lisbon, Faculty of Agronomy, Forest Department in Portugal, and inception of collaboration with Professor Maria-Teresa Ferreira and senior researchers Fransisca Aguiar and Ian Dodgins. (December 2009).
 - Attendance of the European Seminar titled "Water Frame Directive 2000/60 - Measurement Uncertainty" organised by the Institute of Ecology, University of Vienna and Danube Biodiversity Association and participation in practical field courses along the Danube River (June 2004).
 - Scholarship for research by the "European Commission's Improving Human Potential (IHP) Access to Research Infrastructures Program" for collaboration with "National History Museum of London" (April 2003).
 - Member of international committee for the election of the position of Scientific Associate on the "Ecology and Dynamics of Riparian zone" at the Technical University of Lisbon, Faculty of Agronomy, Portugal. (June – October 2008)
 - Invited talks: '*Horizon, Water4All Partership's Consultative Workshop for Experts*', Helsinki, Finland (February 2023), Trans-Regional Environmental Awareness for Sustainable Usage of Water Resources (Treasure Water' EU Erasmus+ Program, ΕΚΠΑ Athens (May 2018), Karatheodoris Conference organized by the University of Patras (April 2016), Conference on Scientific Monitoring of EPAMATH organized by The National Park of East Macedonia-Thrace, (December 2014), "Workshop on Climate change, nutrients and biodiversity", Bristol, UK (July 2007), 2nd Bioscience Conference organized by the University of Patras (April 2007), Centre of Environmental Education of Kastoria, Greece (November 2004), Intensive Graduate Program **SOCRATES**' «Monitoring of Running Waters in Europe», Thessaloniki (June 2002)

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Reviewer in **116** international scientific journals [Journal of the Marine Biological Association of the United Kingdom (1997), [I.F.: 1.200], Web Ecology (1999) [I.F.: 2.200], Journal of Biological Research (2003, 2009), [I.F.: 3.300], Biologia (2008, 2013), [I.F.: 1.500], Journal of Environmental Management JEMA (2008, 2018, 2019, 2020, 2023), [I.F.: 8.700], Scientific Research and Essays (2009), [I.F.: 0.700], Environmental Management (2009), [I.F.: 3.500], Phytologia Balcanica (2009) , Environmental Monitoring and Assessment (2009, 2010, 2017), [I.F.: 3.000], Plant Biosystems (2010), [I.F.: 2.000], International Journal of Digital Earth (2010), [I.F.: 5.100], Mediterranean Marine Science (2011), [I.F.: 2.800], Water Resources Management (2011, 2013), [I.F.: 4.300], Wetlands (2011), [I.F.: 2.000], Environmental Earth Science (2012, 2015) [I.F.: 2.800], Limnologica (2012), [I.F.: 1.700], Open J of Modern Hydrology (2012), Water Research (2012, 2021), [I.F.: 12.800], Hydrobiologia (2013, 2013, 2015, 2017, 2018, 2019, 2021), [I.F.: 2.600], International Journal of Water Sciences (2013), Knowledge and Management of Aquatic Ecosystems (2013, 2014, 2015, 2016, 2017, 2017, 2018, 2019, 2020), [I.F.: 1.800], Thalassas (2013) [I.F.: 0.700], Journal of Chemistry (2013) [I.F.: 3.300], Brazilian Journal of Botany (2014) [I.F.: 1.600], Environmental Processes (2014, 2015, 2018), Folia Geobotanica (2014) [I.F.: 1.200], Land (2014,



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2022) [3.900], Landscape & Urban Planning (2014) [I.F.: 9.100], Aquatic Ecology (2015) [I.F.: 1.800], Journal of Environmental Sciences (2015) [I.F.: 6.900], Aquatic Botany (2015, 2017) [I.F.: 1.800], Water (2015, 2016, 2017, 2018, 2018, 2019, 2022, 2023, 2023, 2024) [I.F.: 3.400], Environmental Engineering and Management Journal (2016) [I.F.: 1.100], Science of the Total Environment (2016, 2017, 2018, 2019, 2021, 2021, 2022, 2022, 2023) [I.F.: 9.800], Journal of Mountain Science (2016) [I.F.: 2.500], River Research and Applications (2017) [I.F.: 2.200], Land Degradation & Development (LDD) (2017, 2018) [I.F.: 4.700], Hydrology (2017, 2017) [3.200], Geomorphology (2017) [3.900], Environmental Science and Pollution Research (2017, 2018) [I.F.: 5.800], Phytocoenologia (2018) [I.F.: 1.000], Biodiversity and Conservation (2017, 2018) [I.F.: 3.400], J FRESHWATER ECOLOGY (2020) [1.300], African Journal of Aquatic Science (2020) [1.400], Diversity (2022, 2023) [I.F.: 2.400], Frontiers in Environmental Science (2022) [I.F.: 4.600], Aquatic Conservation: Marine and Freshwater Ecosystems (2022) [I.F.: 2.400]].

Member of the scientific committee of the Editorial Board of the international scientific journals:

- Frontier in Environmental Science www.frontiersin.org/journals/environmental-science,
- Frontiers in Plant Science/ Functional Plant Ecology www.frontiersin.org/journals/plant-science,
- Diversity (www.mdpi.com/journal/diversity) (ISI journal, since 2022),
- Water (www.mdpi.com/journal/water) (ISI journal, since 2019),
- Land (www.mdpi.com/journal/Land) (ISI journal, Topic Board Editors, since 2019),
- Knowledge & Management of Aquatic Ecosystems (www.kmae-journals.org) (2009- present),
- Geography (www.hindawi.com/journals/gi) (2012 – present),
- International Journal of Water Sciences (www.intechopen.com/journals/international_journal_of_water_sciences) (2013- present).

Guest Editor of 3 Special Issues: Diversity, 2022, Water 2019, 2021.

Publications

Publications (SCI journals)

Stefanidis K, Dimitrellos G, Tsoukalas D, and **Papastergiadou E 2026**. A decade of macrophyte-based ecological monitoring in rivers and streams of Greece – assessing changes in ecological quality and temporal community shifts. *Front. Environ. Sci.* 14:1770709. doi: XXXX10.3389/

Yu Cao; Ulrike Scharfenberger; Tom Shatwell; Rita Adrian; Helen Agasild; David Angeler; Meryem Beklioğlu; Ayşe İdil Çakıroğlu; Josef Hejzlar; **Eva Papastergiadou**; Michal Šorf; Kostas Stefanidis; Martin Søndergaard; Priit Zingel; Erik Jeppesen **2025**. Predicting daily net ecosystem production in shallow lakes from dissolved oxygen saturation levels – a pan-European experimental and modelling approach *Hydrobiologia* 825 (2): 471-487. DOI: 10.1007/s10750-024-05714-z

Stefanidis K, **Papastergiadou E. 2024**. Ecological Monitoring and Assessment of Freshwater Ecosystems: New Trends and Future Challenges. *Water*, 16, 1460. <https://doi.org/10.3390/w16111460>

Stefanidis K, Oikonomou A, Dimitrellos G, Tsoukalas D and **Papastergiadou E 2023**. Beyond taxonomic diversity patterns – investigating how a and b components of macrophyte functional diversity respond to environmental gradients in lotic ecosystems of Greece. *Front. Plant Sci.* 14:1204383. doi: 10.3389/fpls.2023.1204383.

Stefanidis, K.; Oikonomou, A.; Dimitrellos, G.; Tsoukalas, D.; **Papastergiadou, E. 2023**. Relationships between Environmental Factors and Functional Traits of Macrophyte Assemblages in Running Waters of Greece. *Diversity*, 15, 949. <https://doi.org/10.3390/d15090949>.

Zingel, P., Jeppesen, E., Nöges, T.,...Scharfenberger, U., Agasild, H. **2023**. Changes in nutrient concentration and water level affect the microbial loop: a 6-month mesocosm experiment. *Aquatic Ecology*, 57(2), pp. 369–381.



Publications

- Konstantinos Stefanidis, Georgios Dimitrellos, Maria Sarika, Dionysios Tsoukalas, **Eva Papastergiadou** **2022**. Ecological Quality Assessment of Greek Lowland Rivers with Aquatic Macrophytes in Compliance with the EU Water Framework Directive. *Water* 14, 2771. <https://doi.org/10.3390/w14182771>.
- Alimpić, Filip; Milovanović, Jelena; Pielech, Remigiusz; Hinkov, Georgi; Jansson, Roland; Dufour, Simon; Beza, Marcin; Bilir, Nebi; Santos Del Blanco, Luis; Božič, Gregor; Bruno, Daniel; Chiarabaglio, Pier Mario; Doncheva, Neli; Gültekin, Yaşar Selman; Ivanković, Mladen; Kelly-Quinn, Mary; La Porta, Nicola; Nonić, Marina; Notivol, Eduardo; **Papastergiadou, Eva**; Šijačić-Nikolić, Mirjana; Vietto, Lorenzo; Villar, Marc; Zhelev, Petar; Rodríguez-González, Patricia María. **2022**. The status and role of genetic diversity of trees for the conservation and management of riparian ecosystems: A European experts' perspective. *Journal of Applied Ecology* DOI: [10.1111/1365-2664.14247](https://doi.org/10.1111/1365-2664.14247).
- Rodríguez-González, P.M., Abraham, E., Aguiar, F., **Papastergiadou, E.**,Dufour S. **2022**. Bringing the margin to the focus: 10 challenges for riparian vegetation science and management. *WIREs Water*, DOI: 10.1002/wat2.1604
- Urbanič Gorazd, Emilio Politti, Patricia Maria Rodríguez- González, Robin Payne, Dereck Schook, Maria Helena Alves, Ana Anđelković, Daniel Bruno, Mila Chilikova-Lubomirova, Sara Di Lonardo, Roey Egozi, Virginia Garófano-Gómez, Inês Gomes Marques, Marta González del Tánago, Yaşar Selman Gültekin, Bruna Gumiero, Seppo Hellsten, Georgi Hinkov, Jiří Jakubínský, Philippe Janssen, Roland Jansson, Mary Kelly-Quinn, Timea Kiss, Stefan Lorenz, Roberto Martinez Romero, Zlatko Mihaljević, **Eva Papastergiadou**, Maja Pavlin Urbanič, Ellis Penning, Tenna Riis, Jozef Šibík, Mária Šibíková, Tzvetan Zlatanov, Simon Dufour **2022**. Riparian zones – from policy neglected to policy integrated. *Frontiers in Environmental Science* doi.org/10.3389/fenvs.2022.868527
- A.J. Wade, R.A. Skeffington, R. Couture, M. Erlandsson, S. Groot, S.J. Halliday, V. Harezlak, J Hejzlar, L.A. Jackson-Blake, A. Lepistö, E. **Papastergiadou**, J.L. Riera, K. Rankinen, M. Shahgedanova, D. Trolle, P.G. Whitehead, D. Psaltopoulos, D. Skuras **2022**. Land use change to reduce freshwater nitrogen and phosphorus will be effective even with projected climate change. *Water* 14, 829. doi.org/10.3390/w14050829
- Konstantinos Stefanidis, Anthi Oikonomou, **Eva Papastergiadou**, **2021**. Responses of different facets of aquatic plant diversity along environmental gradients in Mediterranean streams: Results from a large-scale study in mainland Greece. *Journal of Environmental Management* 296, 113307, DOI 10.1016/j.jenvman.2021.113307.
- Ekaterini Hadjisolomou, Konstantinos Stefanidis, Herodotos Herodotou, Michalis Michaelides, George Papatheodorou, **Eva Papastergiadou** **2021**. Modelling Freshwater Eutrophication with Limited Limnological Data Using Artificial Neural Networks. *Water*, 13 (11), 1590. <https://doi.org/10.3390/w13111590>.
- Soultana Tsioli, Vasillis Papathanasiou, Anastasia Rizouli, Maria Kosmidou, Christos Katsaros, **Eva Papastergiadou**, Frithjof C. Küpper and Sotiris Orfanidis, **2021**. Diversity and composition of algal epiphytes on the Mediterranean seagrass *Cymodocea nodosa*: a scale-based study. *Botanica Marina* 64 (2): 101-118, DOI 10.1515/bot-2020-0057.
- Nigel G. Taylor, Patrick Grillas, Hazem Al Hreisha, Özge Balkız, Maud Borie, Olivier Boutron, Ana Catita, Jocelyn Champagnon, Semia Cherif, Kerim Çiçek, Luís T. Costa, Mohamed Dakki, Mauro Fois, Thomas Galewski, Alessandro Galli, Nicholas M. Georgiadis, Andy J. Green, Virgilio Hermoso, Rezart Kapedani, Manfred A. Lange, Zoran Mateljak, Maher Osta, **Eva Papastergiadou**, Claire Papazoglou, Sergi Sabater, Boudjéma Samraoui, Farrah Samraoui, Abdelkrim Si Bachir, Eva Tankovic, Mathieu Thévenet, Antonio Troya, William J. Sutherland, **2021** The future for Mediterranean wetlands: 50 key issues and 50 important conservation research questions. *Regional Environmental Change* 21 (2): 33. <https://doi.org/10.1007/s10113-020-01743-1>.



Publications

- Ersoy, Z.; Scharfenberger, U.; Baho, Didier; Bucak, Tuba; Feldmann, Tõnu; Hejzlar, Josef; Levi, Eti; Mahdy, Aldoushy; Nöges, Tiina; **Papastergiadou, Eva**; Stefanidis, Konstantinos; Šorf, Michal; Søndergaard, Martin; Trigal, Cristina; Jeppesen, Erik; Beklioglu, M. **2020**. Impact of nutrients and water level changes on submerged macrophytes along a temperature gradient: a Pan-European mesocosm experiment. *Global Change Biology* 26 (12) 6831-6851, DOI:10.1111/gcb.15338.
- Manolaki P, Guo Kun, Cristiana Vieira, **Eva Papastergiadou**, Tenna Riis **2020**. Hydromorphology as a controlling factor of macrophytes assemblage structure and functional traits in the semi-arid European Mediterranean streams. *Sci Total Environ* 703,134658 DOI 10.1016/j.scitotenv.2019.134658.
- Flavia Landucci, K. Šumberová, L. Tichý, S. Hennekens, Liene Aunina, C. Biță-Nicolae, L. Borsukevych, A. Bobrov, A. Čarni, Els De Bie, V. Golub, R. Hrivnák, S. Iemelianova, Ute Jandt, F. Jansen, Z. Kački, K. Lájer, **Eva Papastergiadou**, U. Šilc, Z. Sinkevičienė, Z. Stančić, J. Stepanovič, B. Teteryuk, R. Tzonev, R. Venanzoni, I. Zelnik, M. Chytrý **2020**. Classification of European marsh vegetation (*Phragmito-Magnocaricetea*) to the association level. *Applied Vegetation Science* 23(2), pp. 297-316, <https://doi.org/10.1111/avsc.12484>.
- Maria Moustaka-Gouni, Ulrich Sommer, Athina Economou-Amilli, George B. Arhonditsis, Matina Katsiapi, **Eva Papastergiadou**, Konstantinos A. Kormas, Elizabeth Vardaka, Hera Karayanni, Theodoti Papadimitriou **2019**. Implementation of the Water Framework Directive: Lessons Learned and Future Perspectives for an Ecologically Meaningful Classification Based on Phytoplankton of the Status of Greek Lakes, Mediterranean Region. *Environmental Management* 64: 675–688, Doi 10.1007/s00267-019-01226-y.
- Stefanidis, K., **Eva Papastergiadou** **2019**. Linkages between Macrophyte Functional Traits and Water Quality: Insights from a Study in Freshwater Lakes of Greece. *Water* 11, 1047; DOI 10.3390/w11051047.
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