

## CURRICULUM VITAE

### Personal information

**First name(s) / Surname(s)** Konstantinos Stefanidis

**Date of birth** 17/06/1979

**Nationality** Greek

**e-mail:** [kstefanidis@hcmr.gr](mailto:kstefanidis@hcmr.gr), [kstefani@chi.civil.ntua.gr](mailto:kstefani@chi.civil.ntua.gr)

**Mobile:** +306937674005

**Webpages:** [https://www.researchgate.net/profile/Konstantinos\\_Stefanidis](https://www.researchgate.net/profile/Konstantinos_Stefanidis)  
<https://scholar.google.gr/citations?user=9QVM4mgAAAAJ&hl=el&oi=sra>

**ORCID ID** <https://orcid.org/0000-0002-9121-3188>

### Work experience

**March 2018 - present: Research associate** in Institute of Marine Biological Resources and Inland Waters (IMBRIW) of Hellenic Centre for Marine Research (HCMR)

**October 2017 - February 2018: Academic scholar** of Department of Biology, National University of Athens

#### Teaching:

- ▶ Undergraduate class: Freshwater ecology

**April 2014 – February 2018: Research associate** in Centre of Hydrology and Informatics, National Technical University of Athens

#### Participation in research projects:

- ▶ Managing Aquatic ecosystems and water Resources under multiple Stress – MARS. Φορέας Χρηματοδότησης: Commission of the European Communities FP7 – ENV – 2013 (Contract No 603378)

**November 2004 – March 2014: Research associate** in Department of Biology, University of Patras

#### Participation in research projects:

- ▶ Adaptive strategies to mitigate the impacts of climate change on European freshwater ecosystems – REFRESH. Φορέας Χρηματοδότησης: Commission of the European Communities, Water Resources. FP7- ENV-2009 (Contract No 244121)
- ▶ Evaluation of the Ecological Quality of Cyprus Rivers using Macrophytes as Biological Quality Elements – Implementation of the Water Framework Directive 2000/60/EE. Intercalibration Exercise MEDGIG. Second Phase. Water Development Department, Ministry of Agriculture, Cyprus (2010-2012)
- ▶ Ecological quality assessment of running waters of Cyprus using aquatic macrophytes as biological indices - Implementation of Water Framework Directive 2000/60 EU. FUND: Water Development Department, Ministry of Agriculture, Cyprus (2007-2009)

- ▶ Assessment of ecological quality of Nestos River, Northern Greece. – Implementation of Water Framework Directive 2000/60/EU. Region of East Macedonia and Thrace (2008)
- ▶ Monitoring methods of coastal ecosystems – Implementation of Water Framework Directive 2000/60/EU. Research Foundation of Cyprus (2007)
- ▶ EU-wide monitoring methods and systems of surveillance for species and habitats of Community interest – EUMON. FP6 Specific Target Research Project (STREP\_EC) (2005-2008)
- ▶ Research on the biology of alien species *Carassius gibelio* (BLOCH, 1782) and the ecological changes caused by its introduction in Greek freshwaters. EPEAEK –PYTHAGORAS (2004-2006)

Teaching associate:

- ▶ Undergraduate classes: Plant ecology, Ecology

## Education

- ▶ **2012** – PhD in Limnology - Freshwater ecology / Thesis subject: « Ecological assessment of lakes of NW Greece with emphasis on the relationships between aquatic macrophytes, zooplankton and water quality » / Department of Biology, School of Natural Sciences, University of Patras, Patras
- ▶ **2005** - MSc in Ecology, Management and Conservation of Natural Environment / Department of Biology, School of Natural Sciences, University of Patras, Patras
- ▶ **2003** – BSc in Biology Department of Biology, School of Natural Sciences, University of Patras, Patras

## Publications in peer-reviewed international journals

- ▶ **Stefanidis K.**, M. Sarika, E. Papastergiadou (**2018**). Exploring environmental predictors of aquatic macrophytes in water-dependent Natura 2000 sites of high conservation value: Results from a long term study of macrophytes in Greek lakes. *Aquatic Conservation: Marine and Freshwater Ecosystems* (*accepted*)
- ▶ Scharfenberger U., E. Jeppesen, M. Beklioglu, M. Søndergaard, D. Angeler, A. Çakıroğlu, S. Drakare, J. Hejzlar, A. Mahdy, E. Papastergiadou, M. Šorf, **K. Stefanidis**, A. Tuvikene, P. Zingel, R. Adrian (**2018**). Effects of trophic status, water level and temperature on shallow lake metabolism and metabolic balance: A standardised pan-European mesocosm experiment. *Limnology and Oceanography* (*accepted*)
- ▶ Hadjisolomou E., **K. Stefanidis**, G. Papatheodorou, E. Papastergiadou (**2018**). Assessment of the Eutrophication-Related Environmental Parameters in Two Mediterranean Lakes by Integrating Statistical Techniques and Self-Organizing Maps. *International Journal of Environmental Research and Public Health* **15**: article number 547
- ▶ **Stefanidis K.**, Y. Panagopoulos & M. Mimikou (**2018**). Response of a multi-stressed Mediterranean river to future climate and socio-economic scenarios. *Science of the Total Environment* **627**: 756-769
- ▶ Hadjisolomou E., **K. Stefanidis**, G. Papatheodorou, E. Papastergiadou (**2017**). Evaluating the contributing environmental parameters associated with eutrophication in a shallow lake by applying Artificial Neural Networks Techniques. *Fresenius Environmental Bulletin* **26** (5):3200-3208

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- ▶ Psomas A., Y. Panagopoulos, **K. Stefanidis**, M. Mimikou (2017). Assessing future water supply and demand in a water-stressed catchment after environmental restrictions on abstractions. *Journal of Water Supply: Research and Technology – AQUA* 66: 442-453
  - ▶ Tavşanoğlu Ü.N., M. Šorf, **K. Stefanidis**, S. Brucet, S. Türkan, H. Agasild, D.L Baho, U. Scharfenberger, J. Hejzlar, E. Papastergiadou, R. Adrian, D.G Angeler, P. Zingel, A.İ. Çakıroğlu, A. Özen, S. Drakare, M. Søndergaard, E. Jeppesen, M. Beklioğlu (2017). Effects of nutrient and water level changes on the composition and size structure of zooplankton communities in shallow lakes under different climatic conditions: a pan-European mesocosm experiment. *Aquatic Ecology* 51: 257-273
  - ▶ **Stefanidis K.**, K. Kostara, E. Papastergiadou (2016). Implications of human activities, land use changes and climate variability in Mediterranean lakes of Greece. *Water* 8 (11): article number 483
  - ▶ **Stefanidis K.**, Y. Panagopoulos, A. Psomas, M. Mimikou (2016). Assessment of the natural flow regime in a Mediterranean river impacted from irrigated agriculture. *Science of the Total Environment* 573: 1492-1502
  - ▶ Hadjisolomou E., **K. Stefanidis**, G. Papatheodorou, E. Papastergiadou (2016). Assessing the contribution of the environmental parameters to eutrophication with the use of the “PaD” and “PaD2” methods in a hypertrophic lake. *International Journal of Environmental Research and Public Health* 13 (8): article number 764
  - ▶ Coppens J., J. Hejzlar, M. Šorf, E. Jeppesen, S. Erdoğan, U. Scharfenberger, A. Mahdy, P. Nöges, A. Tuvikene, D. Baho, C.Trigal, E. Papastergiadou, **K. Stefanidis**, S. Olsen & M. Beklioğlu (2016). The influence of nutrient loading, climate and water depth on nitrogen and phosphorus loss in shallow lakes: A pan-European mesocosm experiment. *Hydrobiologia* 78: 13-32
  - ▶ Papastergiadou E., **K. Stefanidis**, G. Dorfliger, E. Giannouris, K. Kostara & P. Manolaki (2016). Exploring Biodiversity in Riparian Corridors of a Mediterranean Island: Plant Communities and Environmental Parameters in Cyprus Rivers. *Plant Biosystems* 150 (1): 91- 103
  - ▶ Papastergiadou E., P. Manolaki, G. Dorfliger, E. Giannouris, K. Kostara & **K. Stefanidis** (2015). Inventory of aquatic and riparian flora in fluvial corridors of a Mediterranean island. *Fresenius Environmental Bulletin* 24 (6a): 2179-2192
  - ▶ **Stefanidis K.**, Y. Panagopoulos & M. Mimikou (2015). Impact assessment of agricultural driven stressors on benthic macroinvertebrates using simulated data. *Science of the Total Environment* 540: 32-42
  - ▶ Baho D., N. Tavsanoglu, M. Šorf, **K. Stefanidis**, S. Drakare, U. Scharfenberger, H. Agasild, M. Beklioğlu, J. Hejzlar, R. Adrian, E. Papastergiadou, P. Zingel, M. Søndergaard, E. Jeppesen & D. Angeler (2015). Macroecological patterns of resilience inferred from a multinational, synchronised experiment. *Sustainability* 7 (2): 1142-1160
  - ▶ Jeppesen E., S. Brucet, L. Naselli-Flores, E. Papastergiadou, **K. Stefanidis**, T. Nöges, P. Nöges, J.L. Attayde, T. Zohary, J. Coppens, T. Bucak, R. F. Menezes, F. R. S. Freitas, M. Kernan, M. Søndergaard & M. Beklioğlu (2015). Ecological impacts of global warming and water abstraction on lakes and reservoirs due to changes in water level and related changes in salinity. *Hydrobiologia* 750 (1): 201-227
  - ▶ Mahdy A., S. Hilt, N. Filiz, M. Bekliğlu, J. Hejzlar, D. Özkundakci, E. Papastergiadou, U. Scharfenberger, M. Šorf, **K. Stefanidis**, L. Tuvikene, P. Zingel, M. Søndergaard, E. Jeppesen & R. Adrian (2015). Effects of water temperature on summer periphyton biomass in shallow lakes: a pan-European mesocosm experiment. *Aquatic Sciences* 77 (3): 499-510
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- ▶ Landkildehus F., M. Søndergaard, M. Beklioglu, R. Adrian, D.G. Angeler, J. Hejzlar, E. Papastergiadou, P. Zingel, A. Idil Çakiroglu, U. Scharfenberger, S. Drakare, T. Nöges, M. Šorf, **K. Stefanidis**, Ü. N. Tavsanoğlu, C. Trigal, A. Mahdy, C. Papadaki, L. Tuvikene, M. Kernan & E. Jeppesen (2014). Climate change effects on shallow lakes: design and preliminary results of a cross-European climate gradient mesocosm experiment. *Estonian Journal of Ecology* 63 (2): 71-89
  - ▶ **Stefanidis K.** & E. Papastergiadou (2013). Effects of a long term water level reduction on the ecology and water quality in an eastern Mediterranean lake. *Knowledge and Management of Aquatic Ecosystems* 411: 05
  - ▶ **Stefanidis K.** & E. Papastergiadou (2012). Relationships between lake morphometry, water quality and aquatic macrophytes in Greek lakes. *Fresenius Environmental Bulletin* 21: 3018- 3026
  - ▶ **Stefanidis K.** & E. Papastergiadou (2010). Influence of hydrophyte abundance on the spatial distribution of zooplankton in selected lakes in Greece. *Hydrobiologia* 656: 55-65
  - ▶ Papastergiadou, E.S., I Kagalou, **K.Stefanidis**, A. Retalis & I. Leonardos (2010). Effects of anthropogenic influences on the trophic state, land uses and aquatic vegetation in a shallow Mediterranean lake: implications for restoration. *Water Resources Management* 24: 415- 435
  - ▶ **Stefanidis K.** & E.S. Papastergiadou (2007). Aquatic Vegetation and Related Abiotic Environment in a Shallow Urban Lake of Greece. *Belgian Journal of Botany* 140 (1): 25-38
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#### Presentations in international conferences

- ▶ PANAGOPOULOS Y., **STEFANIDIS K.**, SANCHEZ M.F, ZACHOS A., BIRK S., GLOBEVNIK L., MIMIKOY M. (2017): Assessing the hydrologic alteration of rivers in Europe. *Proceedings of the 15<sup>th</sup> International Conference on Environmental Science and Technology, Rhodes, Greece, 31<sup>st</sup> August -2<sup>nd</sup> September*
- ▶ HADJISOLOMOU E., **STEFANIDIS K.**, PAPTHEODOROU G., PAPASTERGIADOU E. (2016): Assessing the impact of environmental parameters on the trophic status of Lake Orestiada (Greece) with the use of an Artificial Neural Network. *Abstracts of the 6th International Conference "Protection of Natural Resources and Environmental Management: The main Tools for Sustainability", Bucharest, Romania 11-13 November 2016*
- ▶ **STEFANIDIS K.**, PANAGOPOULOS Y., PSOMAS A. & MIMIKOU M. (2016): A methodological approach for evaluating ecological flows using ecological indicators: A case study in river Pinios, Greece. *Proceedings of the First GLOBAQUA Conference, Freising, Germany*
- ▶ SCHARFENBERGER U., MAHDY A., ANGELER D.G., ZINGEL P., LAAS A., HEJZLAR J., ŠORF M., PAPASTERGIADOU E., **STEFANIDIS K.**, BEKLIOĞLU M., ERDOĞAN Ş., SØNDERGAARD M., JEPPESEN E. & ADRIAN R. (2013): Impact of Climate on shallow lakes metabolism: Space for time approach in a mesocosm experiment across a North/South European gradient. *Abstracts of the 43rd Annual Meeting of the Ecological Society of Germany, Austria and Switzerland, Potsdam, Germany*
- ▶ **STEFANIDIS K.**, KOSTARA A. & PAPASTERGIADOU E. (2013): Watershed land use effects on lake water quality in N. Greece. *Abstracts of the First International Conference on Remote Sensing and Geoinformation of Environment, Paphos, Cyprus*
- ▶ PAPASTERGIADOU E., **STEFANIDIS K.**, PAPADAKI CH. & SAMIOTIS A. (2011): Effects Of Temperature, Salinity, And Water Level On Biotic Communities And Ecosystem Metabolism: An Outdoor Mesocosm Experiment In Greece. *Abstracts of the 16<sup>th</sup> International Symposium on Environmental Pollution and its Impact on Life in the Mediterranean Region, Ioannina, Greece*
- ▶ **STEFANIDIS K.** & PAPASTERGIADOU E. (2011): Relationships Between Lake Morphology And Macrophyte Species Abundance And Distribution In Greek Lakes. *Abstracts of the 16<sup>th</sup> International Symposium on Environmental Pollution and its Impact on Life in the Mediterranean Region, Ioannina, Greece*
- ▶ F.C. AGUIAR, J. CAMBRA, C. CHAUVIN, M.T.FERREIRA, M. GERM, U. KUCHAR, P. MANOLAKI, M.R. MINCIARDDI,

J.L. MORENO, A.MUNNÉ, E. PAPASTERGIADOU & **K. STEFANIDIS (2009)**: Harmonisation and viewpoints in the Mediterranean WFD intercalibration exercise for river macrophytes. *Abstracts of the 12<sup>th</sup> International Symposium on Aquatic Weeds, Jyväskylä, Finland*

- ▶ P. MANOLAKI, **K. STEFANIDIS** & E. PAPASTERGIADOU (2009): Evaluation of the ecological quality of Cyprus rivers using aquatic macrophytes as biological quality elements. *Abstracts of the 12<sup>th</sup> International Symposium on Aquatic Weeds, Jyväskylä, Finland*
- ▶ **STEFANIDIS K.** & PAPASTERGIADOU E.S. (2009): Association of Hydrophyte Assemblages and Zooplankton Abundance in Five Lakes of Greece. *Abstracts of the 12<sup>th</sup> International Symposium on Aquatic Weeds, Jyväskylä, Finland*
- ▶ **STEFANIDIS K.** & PAPASTERGIADOU E.S. (2007): Nutrient Status, Chlorophyll-a and Periphyton Biomass in Relation to Hydrophytes abundance in Greek Lakes. *Abstracts of the 30<sup>th</sup> International Congress of the International Limnological Association SIL, Montreal, Canada*
- ▶ **STEFANIDIS K.**, PAPASTERGIADOU E.S. (2007): Nutrient dynamics and eutrophication patterns in two shallow lakes of Greece: Effects of macrophytes species richness on aquatic environment. *Abstracts (p.252) of the International Symposium, SEFS 5, for freshwater sciences, Palermo, Italy*
- ▶ TZIORTZIS I., Ch. CHRISTIA, **K. STEFANIDIS**, K. KADIS, E. PAPASTERGIADOU (2007): Eutrophication patterns and macrophytes diversity of temporary saline lakes of Cyprus (Akrotiri and Larnaca): preliminary results. *Abstracts (p.111) of the 1<sup>st</sup> Lagunet Congress and the 3<sup>rd</sup> European Conference on Lagoon research, Naples, Italy*
- ▶ PAPASTERGIADOU E.S., Ch. CHRISTIA, I. TZIORTZIS, **STEFANIDIS K.** (2007): Seasonal changes in aquatic macrophyte assemblages in two Greek coastal lagoons (Eastern Mediterranean sea). *Abstracts (p.87) of the 1<sup>st</sup> Lagunet Congress and the 3<sup>rd</sup> European Conference on Lagoon research, Naples, Italy*
- ▶ MEERHOFF M., JEPPESEN E., CLEMENTE J.M., TEXEIRA DE MELLO F., JENSEN E., IGLESIAS C., TUNALI Y.S., BALLABIO R., **STEFANIDIS K.** (2006): Trophic Dynamics in temperate and Subtropical Shallow Lakes: Differential Role of Free-Floating and Submerged Plants. *Abstracts of ASLO Summer Meeting, Victoria*
- ▶ **STEFANIDIS K.** & E. PAPASTERGIADOU (2006): Effects of aquatic macrophytes of littoral zone on the water quality of a shallow urban lake of W. Greece. *Abstracts of the International Symposium on Aquatic Vascular Plants: 25 Years After, Brussels, Belgium*
- ▶ PAPASTERGIADOU E., **K. STEFANIDIS** & E. GIANNOURIS (2005): Spatial variation in distribution and abundance of aquatic macrophytic communities in Kalodiki wetland, Greece. *Abstracts (p. 117) of the 4<sup>th</sup> International Congress of the Freshwater Biological Association entitled "Symposium on Freshwater Sciences SEFS4" Krakow, Poland*
- ▶ KAGALOU I., E. PAPASTERGIADOU, **K. STEFANIDIS** & I. LEONARDOS (2005): Long term changes of chlorophyll-a and nutrients in a shallow lake ecosystem of W. Greece. *Abstracts (p. 83) of the 5<sup>th</sup> International Shallow lakes Conference, entitled "Limnology of Shallow lakes" Dalfsen, The Netherlands*

## Technical reports

- ▶ Globevnik L., S. Birk, M. Koprivšek, J. Mahnkopf, Y. Panagopoulos, M. Pucher, R. Schinegger, M.F Sanchez, L. Snoj, **K. Stefanidis**, M. Venohr (2017). Reports on stressor classification and effects at the European scale. EU-wide multi-stressors classification and large scale causal analysis. D 5.1.1 Part 2 - Analysis of pressure - response relations: classification of multiple pressures on broad river types. *Deliverable 5.1: Five Reports on stressor classification and effects at the European scale. The MARS project (Managing Aquatic ecosystems and water resources under multiple stress). FP7 No. Contract: 603378*
- ▶ Panagopoulos Y., **K. Stefanidis**, S. Birk, L. Globevnik, A. Zachos, J. Lemm, M.F. Sanchez, L. Snoj, M. Koprivšek, M. Mimikou (2017). Reports on stressor classification and effects at the European scale. EU-wide multi-stressors classification and large scale causal analysis. D5.1-2: Relation of low flows, E-flows, and Ecological Status. *Deliverable 5.1: Five Reports on stressor classification and effects at the European scale. The MARS project (Managing Aquatic ecosystems and water resources under multiple stress). FP7 No. Contract: 603378*

- ▶ Panagopoulos Y., **K. Stefanidis**, M. Mimikou, J. Hanganu, A. Constantinescu, M. Beklioğlu, T. Bucak, Ş. Erdoğan, A.İ Çakıroğlu, E. Çakmak, J. Coppens, C. Almeida, P. Branco, R. Neves, P. Seguro (2017). Case study synthesis: Report on case studies from Southern river basins. *Deliverable 4.1-1 The MARS project (Managing Aquatic ecosystems and water resources under multiple stress)*. FP7 No. Contract: 603378
- ▶ Papastergiadou E., G. Kotzageorgis, P. Manolaki, **K. Stefanidis**, F. Vagianou., M. Maroulakis (2007). Evaluation of the Ecological Quality of Cyprus Rivers using Macrophytes as Biological Quality Elements – Implementation of the Water Framework Directive 2000/60/EE No. Contract: WDD 21/2007 *1st Progress Report*, 82pp.
- ▶ Papastergiadou E., G. Kotzageorgis, P. Manolaki, **K. Stefanidis**, F. Vagianou., M. Maroulakis (2007). WFD Cyprus Water Quality Assessment using aquatic macrophytes. *1<sup>st</sup> Intercalibration technical report*. Mediterranean GIG-Rivers, Macrophytes, 19pp.
- ▶ Papastergiadou E., G. Kotzageorgis, P. Manolaki, **K. Stefanidis**, F. Vagianou. (2008). Evaluation of the Ecological Quality of Cyprus Rivers using Macrophytes as Biological Quality Elements –Implementation of the Water Framework Directive 2000/60/EE No. Contract: WDD 21/2007 *Final Report*.
- ▶ Papastergiadou E., G. Kotzageorgis, P. Manolaki, **K. Stefanidis**, F. Vagianou (2008). WFD Cyprus Water Quality Assessment using aquatic macrophytes. *2nd Intercalibration technical report*. Mediterranean GIG-Rivers, Macrophytes.