

PERSONAL INFORMATION

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EMPLOYMENT HISTORY

- 10/2015-12/15, 1/2018-P Research associate in the projects “Monitoring of ecological water quality in Greek rivers, in accordance with the Water Framework Directive”, using benthic diatoms, IMBRIW, HCMR, Athens, Greece
- 7/2014-10/15 Research associate in the project “The relative role of niche and neutral mechanisms in controlling phytoplankton genetic and morphological diversity –ECOGENE” Dpt. Marine Sciences, U. Aegean, Greece
- 9/2010-9/11 Development of informational and educational material and front desk, Environmental Information Centre of Kalloni, Lesvos, Greece
- 9/2007-7/08 Research assistant in the project “Skopos-Papadia dam”, on the impact of the dam construction on the fish fauna of the Geropotamos river, Hellenic Centre of Marine Research, Athens, Greece

ACADEMIC QUALIFICATIONS

- 2010-14 Ph.D. “Fragmentation and reconnection in aquatic metacommunities” focusing on biodiversity and productivity of phytoplankton assemblages, U. Aegean, Greece.
- 2008-10 M.Sc. in Biodiversity Conservation, joint diploma between U. Aegean, Greece and U. Montpellier 2, France.
- 2000-06 B.Sc. in Biology, National and Kapodistrian U. Athens, Greece.

TRAINING

- 3-10/2016 Training in molecular technics (RNA isolation, cDNA synthesis, RT-PCR) and protocol optimization for marine diatoms, Institute of Molecular Cell and Systems Biology, University of Glasgow

PUBLICATIONS

Original research papers

1. Smeti, E., D. von Schiller, I. Karaouzas, S. Laschou, L. Vardakas, S. Sabater, E. Tornés, L. S. Monllor-Alcaraz, N. Guillem-Argiles, E. Martinez, D. Barceló, M. López de Alda, E. Kalogianni, A. Elosegi, N. Skoulikidis, 2019. Multiple stressor effects on biodiversity and ecosystem functioning in a Mediterranean temporary river. *Science of the Total Environment*, 647: 1179-1187
2. Milačič, R., T. Zuliani, J. Vidmar, M. Bergant, E. Kalogianni, E. Smeti, N. Skoulikidis, J. Ščančar, 2019. Potentially toxic elements in water, sediments and fish of the Evrotas River under variable water discharges. *Science of The Total Environment*, 648: 1087-1096
3. Smeti, E., D.L. Roelke, G. Tsirtsis, S. Spatharis. 2018. Species extinctions strengthen the relationship between biodiversity and resource use efficiency. *Ecological Modelling*, 384: 75-86

4. Papanikolopoulou, L.A., E. Smeti, D.L. Roelke, P.G. Dimitrakopoulos, G.D. Kokkoris, D.B. Danielidis, S. Spatharis. 2018. Interplay between r- and K-strategists leads to phytoplankton underyielding under pulsed resource supply. *Oecologia*, 186: 755-764
5. Karaouzas I., E. Smeti, A. Vourka, L. Vardakas, A. Mentzafou, E. Tornés, S. Sabater, I. Munoz, N.Th Skoulikidis, E. Kalogianni. 2018. Assessing the ecological effects of water stress and pollution in a temporary river - implications for water management. *Science of the Total Environment*, 618: 1591-1604
6. Smeti, E., D.L. Roelke, S. Spatharis. 2016. Spatial averaging and disturbance lead to high productivity in aquatic metacommunities. *Oikos*, 125: 812-820
7. Smeti, E., D.L. Roelke, G. Gremion, J.M. Linhart, D.B. Danielidis, S. Spatharis. 2015. Potential mechanisms of coexistence between two globally important *Pseudo-nitzschia* species. *Hydrobiologia*, 762: 89-101
8. Smeti E., K.A. Kormas and S. Spatharis, 2013. A non-phylogenetic α -diversity approach on prokaryotic community structure in aquatic systems. *Ecological Indicators*, 29: 361-366

Technical reports

1. Smeti, E., I. Karaouzas, 2016. Defining new classification boundaries for the ecological status assessment of rivers in Greece, using the Biological Quality Element "Phytobenthos" and harmonization with the results of the completed intercalibration of the MED GIG (RM1, RM2, RM4), October 2016, 19pp, Hellenic Centre of Marine Research
2. Tsirtsis, G. , E. Smeti, S. Spatharis, D. Danielidis, K. Kormas, V. Lamprinou, A. Meziti, L. Papanikolopoulou, A. Christanis, N. Koukourouvli, N. Christoforidis, M. Zacharakis, 2015. The relative role of niche and neutral mechanisms in controlling phytoplankton genetic and morphological diversity –ECOGENE, deliverables and final report, University of the Aegean
3. Stoumpoudi, M., E. Kalogianni, I. Dimitriou, I. Mpertahas, G. Chatzinikolaou, N. Skoulikidis, I. Mousoulis, R. Barbieri, N. Koutsikos, E. Smeti, 2009. Study and conservation suggestions of the fish fauna in the construction area of the Skopos-Papadia dam, Final report, Hellenic Centre of Marine Research

Conference proceedings

1. Smeti, E., D.L. Roelke, G. Tsirtsis, L. Papanikolopoulou, S. Spatharis. Predictability in phytoplankton assemblages is influenced by initial species richness, *8th Hellenic Conference on Ecology, 20-23 October 2016, Thessaloniki, Greece (p. 170)*
2. Smeti, E., D. Roelke, S. Spatharis, Fragmentation and reconnection in aquatic metacommunities, *ialeUK Conference, 7-9 September 2015, Edinburgh, UK (p.39-40)* - Oral presentation
3. Smeti, E., G. Tsirtsis, L. Papanikolopoulou, S. Spatharis, The relative role of niche and neutral processes in shaping plankton communities along a salinity gradient, *ASLO Aquatic Sciences Meeting, 22-27 February 2015, Granada, Spain (Abstract ID:26042)* - Oral presentation
4. Smeti, E., D.L. Roelke, S. Spatharis. The importance of mass effects and species traits in forming local communities, *7th Hellenic Conference on Ecology, 9-12 October 2014, Mytilini, Greece (p. 152)* - Oral presentation
5. Smeti, E., S. Spatharis, and D.L. Roelke. Spatial averaging sustains increased productivity at high ecosystem connectivity, *Ecological Society of America- ESA 98th Annual Meeting, 4-9 August 2013, Minneapolis, USA (Paper41750)* - Oral presentation
6. Smeti, E., G. Gremion, and S. Spatharis. Combining numerical modelling and experimental data as a tool for predicting phytoplankton assemblage structure. *6th Hellenic Conference on Ecology, 4-7 October 2012, Athens, Greece (p. 104)* - Oral presentation
7. Smeti E., K.A. Kormas, and S. Spatharis. Assessing α -diversity metrics to express Archaeal and Bacterial assemblage structure. *11th Conference on Bacterial Genetics and Ecology - BAGECO11, 29 May - 2 June 2011, Corfu, Greece (p. 260)* - Oral presentation.

Conference oral presentations

8. Smeti, E., D.L. Roelke, G. Tsirtsis, D.B. Danielidis, K. Kormas, S. Spatharis. Resilience of phytoplankton assemblages to dispersal along a salinity gradient, *British Ecological Society Meeting, 13-16 December 2015, Edinburgh, UK*
9. Smeti, E., D.L. Roelke, G. Tsirtsis, S. Spatharis. Niche vs neutral theory in experimental phytoplankton metacommunities, *Joint Annual Meeting British Ecological Society and Société Française d'Ecologie (BEsFE), 9-12 December 2014, Lille, France*
10. Smeti, E., G. Tsirtsis, D.L. Roelke, S. Spatharis. From regional to local: the effect of fragmentation on phytoplankton assemblages, *17th Workshop of the International Association of Phytoplankton Taxonomy and Ecology (IAP), 14-21 September 2014, Kastoria, Greece*
11. Smeti, E., S. Spatharis, and D.L. Roelke. The role of dispersal as a mechanism controlling productivity in fragmented ecosystems, *Innovative approaches in marine ecological modeling (AIMEN Workshop), 19-23 August 2013, Brest, France*

Invited presentation

12. Smeti, E. (2015) "The relative importance of niche and neutral processes in shaping natural assemblages of primary producers" *University of Glasgow*.

Reviewer

Reviewer in the journals "Mediterranean Marine Science", "Ecohydrology & Hydrobiology" "Marine and Freshwater Research", "Science of the Total Environment", "Western North American Naturalist".

TEACHING

- 2016-17 *Demonstrator*, on statistics (general and generalized linear models, mixed effects models) in the framework of the courses "Key Research Skills" and "Advanced statistics" of the MSci degree in "Quantitative Ecology", in the framework of the course "Core Skills" of the BSc degree in "Zoology" and in the framework of "Staff Stats Support" seminar, University of Glasgow
- 2010-15 *Teaching assistant*, "Multivariate Statistics" and "Statistics" (1st and 2nd Year), U. Aegean, Greece
- 2012-15 Supervision of undergraduate and Master students, U. Aegean, Greece
- 2013 *Demonstrator*, educational laboratory sessions for the 2nd Educational Symposium on Phycology, Mytilene, Greece.

INSTITUTIONAL RESPONSIBILITIES

- 2010- 15 Responsible for the development of laboratory infrastructure of the Laboratory of Marine Biology and Ecology, U. Aegean, Greece

RESEARCH COLLABORATIONS

Texas A&M University, Dpt. Wildlife and Fisheries Sciences U.S.A.

University of Glasgow, IBAHCM, U.K.

WasserCluster Lunz, Austria

Centre for Ecological Research, Hungary

University of the Aegean, Mytilini, Greece

University of Athens, Dpt. Ecology and Systematics, Greece

University of Thessaly, Dpt. Agriculture, Fisheries and Aquatic Environment, Volos, Greece