

CURRICULUM VITAE

Nikolaos Skoulikidis

PERSONAL INFORMATION

Place/ Date of birth: Athens, 15/04/1958

Office Address: Hellenic Centre for Marine Research (HCMR:
<https://www.hcmr.gr/en/>)

Institute of Marine Biological Resources & Inland Waters (IMBRIW:
<https://imbriw.hcmr.gr/>)

Department of Inland Waters (DIW)

46.7 km Athens-Sounio, 19013 Anavissos, Attika

22910-76394

nskoul@hcmr.gr

Marital status: Married, three children

<https://www.researchgate.net/profile/Nikolaos-Skoulikidis>

CURRENT POSITION & RESPONSIBILITIES

- Research Director
- Head of the DIW, IMBRIW, HCMR
- Coordinator of Research Direction “Integrated River Basin Management”, DIW
- Coordinator of Samothraki Nature Observatory (<http://samothraki-observatory.hcmr.gr/sample-page/objectives/>)
- Site manager of LTSER Platform - Samothraki Nature Observatory (<https://deims.org/44ef9f2b-cf2b-42bd-8c05-0688c16be6fd>)

SCIENTIFIC TOPICS

- Analysis of anthropogenic pressures and impacts.
- Monitoring and assessment of the ecological status of aquatic ecosystems.
- Biogeochemical processes and functional ecosystem approaches.
- Hydrological sources of stream waters.
- Integrated research and management of aquatic ecosystems at the river basin scale.

EDUCATION

Postgraduate Studies

1990, PhD in Biogeochemistry, University of Hamburg, Inst. of Geology & Palaeontology, Dept. of Biogeochemistry (grade: excellent).

PhD Thesis Title: “Biogeochemistry of Major Greek Rivers”, 313 pp.

Bachelor Degree

1982, BSc. in Geology, National and Kapodistrian University of Athens, Greece (grade: very good).

Diploma Thesis Title: "Distribution of heavy metals in cold springs, hot springs, sea water and recent marine sediments in the Maliakos Gulf region".

EMPLOYMENT

2008-today	Researcher A' (Research Director), DIW, IMBRIW HCMR
2008-today	Head of Research Direction "Integrated River Basin Management", DIW, IMBRIW HCMR
2003-2008	Researcher B', Institute of Inland Waters, HCMR
1998-today	Head of the Department 'Environmental Research', Institute of Inland Waters, HCMR
1998-2003	Researcher C', Institute of Inland Waters, HCMR
1994-1998	Researcher D', Institute of Inland Waters, HCMR
1994	Scientific Collaborator, Civil Engineering Department, National Technical University of Athens
1990-94	Head of the Department "Environmental Research & Technology" Intratech Technology Transfer Ltd.
1987-90	Scientific Collaborator, University of Hamburg, Inst. of Geology & Palaeontology, Dept. of Biogeochemistry
1986-87	Research Assistant, University of Hamburg, Inst. of Geology & Palaeontology, Dept. of Biogeochemistry

SKILLS

Dedication to research, positive attitude, emotional intelligence, human resources management, group working.

FURTHER INFORMATION

Languages:

Greek (mother language), English (speaking: good, writing: very good), German (speaking: good, writing: good).

Other activities:

- Scuba diving licenses: Advanced Open Water Diver (Nitrox up to EAN40, Stress & Rescue, Search & Recovery, Underwater Navigation), 2011; Greek Federation of Underwater Activities, 1977.
- DAN Basic Life Support, 2011.
- Free diving 2nd level diploma for 20 m depth, 2009.
- Participation in several self-improving seminars.

PROFESSIONAL MEMBERSHIP IN SCIENTIFIC ASSOCIATIONS, INTERNATIONAL WORKING GROUPS AND NETWORKS

National

- Greek Geological Society (EGE)
- Geotechnical Chamber (GEOTEE)
- Institute of Underwater Archaeology (IENAE)
- National Committee on Waters, Special Secretariat for Waters, Ministry of Environment, Energy & Climate Change.
- National Committee on the WFD implementation, Special Secretariat for Waters, Ministry of Environment, Energy & Climate Change.
- Steering Committee of LTER-Greece
- Scientific Council of IMBRIW
- National Network of Environmental Education "The River"

International

- International Office for Water (IOWater)
- European Sediment Network (SedNet)
- Co-founder of the European Centre for River Restoration (ECRR, Silkeborg, Denmark, March 1999).
- Scientific committee against the fragmentation of one of the last free flowing European rivers (Wild Rivers initiative - the Aoos/Vjose River)
- Waterwiki.net, UNDP
- National representative in EU Working Groups in supporting the implementation of the Water Framework Directive 2000/60, Topics: "Status classification of surface water bodies and protocol for the establishment reference conditions", "Pilot studies in River Basins".
- EU Working Groups in supporting the implementation of the Water Framework Directive 2000/60, Topics: "Development of an Intercalibration Protocol", "Best River Basin Management Practices"
- CIS Working Group on Ecological Flows
- Alternate Member of Greek Focal Point (HCMR) in the Expert Working Group Monitoring and Information Exchange for the Drin Core Group
- "Scientists Warning" Foundation
- International Scientific Advisory Board of "Sustainable Samothraki" Association

CURRENT RESEARCH

- Presentation and geomythological interpretation of ancient Greek myths in the frame of an interactive temporary exhibition [INNOVEXPO project, National Strategic Reference Framework, (NSRF)].
- Monitoring and assessment of the ecological status of Greek rivers, coastal and transitional waters in accordance with Article 8 of WFD 2000/60/EU for the period 2018-2023 (European Regional Development Fund and NSRF).
- Multi-actor collaboration of business entrepreneurs, administrations, stakeholders, and natural and social science experts to foster rural and coastal development and environmental preservation (COASTAL, HORIZON 2020).
- Development of a preliminary Water Management Plan of Samothraki Island (BOKU, Vienna)

- Application of stable isotopes ($\delta^{18}\text{O}$ and $\delta^2\text{H}$) for the estimation of the contribution of vapour condensation process to surface flow in a mountainous island with frequent fog coverage (HCMR internal project).

FUTURE RESEARCH INTERESTS

- Estimation of atmospheric contribution (rain and fog) to riverine nutrient levels in nearly pristine Mediterranean mountain areas.
- Application of N-isotopes to track natural and anthropogenic sources of nitrogen in inland waters.

PUBLICATIONS

Monographs

1. **Skoulikidis N.** (1982). Distribution of heavy metals in springs, thermal springs, sea water and the recent underwater sediments of the Maliakos Gulf/Greece. Diploma thesis (in Greek and German), 89 p.
2. **Skoulikidis N.** (1990). Biogeochemistry of major Greek rivers. PhD Thesis University of Hamburg, 313 pp. (in German).
3. **Skoulikidis N.** (1994). Environmental Impact Assessment Methodology in Former Military areas - Case study the former airport base of Hellinikon, Greece, Network Demilitarized, 78 pp + 6 maps.

Books - Book Chapters

1. **Skoulikidis N.** (1997). The environmental state of Greek Rivers. In: Prefecture of Aetoloakarnania and Ministry of Environment Physical Planning & Public Works (eds.) Sustainable Development and Environmental Education, Messolonghi, 58-99.
2. **Skoulikidis N.** (2004). The environmental state of Greek Rivers. In: Prefecture of Aetoloakarnania and Ministry of Environment Physical Planning & Public Works (eds.) Sustainable Development and Environmental Education, 2nd edition, http://www.ekke.gr/estia/gr_pages/gr_index.htm.
3. Nikolaidis N., O. Tzoraki, **N. Skoulikidis**, Y. Amaxidis (2006). SW Greece - Krathis. In J. Froebrich, M. Bauer (eds.) Critical Issues in the Water Quality Dynamics of Temporary Rivers. Evaluation and Recommendations from the tempQsim project, Hannover, Germany, May 2006, 40-45.
4. **Skoulikidis N.**, H. Kaberi, D. Sakellariou (2008). Patterns, origin and possible effects of sediment pollution in a Mediterranean lake. In K.M. Wantzen, K-O. Rothhaupt, M. Moertl, M. Cantonati, L.G. Toth, P. Fischer (eds.) Ecological Effects of Water-Level Fluctuations in Lakes, Developments in Hydrobiology 204, Springer, 71-83.
5. **Skoulikidis N.**, A. Economou, K. Gritzalis, S. Zogaris (2009). Rivers of the Balkans. In K. Tockner, U. Uehlinger, Christopher C.T. Robinson (eds.) Rivers of Europe, Academic Press, Elsevier, 421-466.
6. **Skoulikidis N.** (2009). The water in surficial aquifers. In E. Efthimiopoulos, M. Modinos (eds.) The Eco-nomy of Water, Scientific Institute for Environmental Research (DIPE), Greek Letters, 115-133.
7. Durand P., Breuer L. Johnes P.J. (lead authors), Billen G., Butturini A., Pinay G., Van Grinsven H., Garnier J., Rivett M., Reay D., Curtis C., Siemens J., Maberly S., Kaste O., Humborg C., Loeb R., de Klein J., Hejzlar J., **Skoulikidis N.**, Kortelainen P., Lepisto A., Wright R (2011). Nitrogen turnover

- processes and effects in aquatic ecosystems. In M.A. Sutton, C.M. Howard, J.W. Erisman, G. Billen, A. Bleeker, P. Grennfelt, H. van Grinsven, B. Grizzetti (eds.) *The European Nitrogen Assessment: Summary for Policy Makers*, Cambridge.
8. **Skoulikidis N.**, E. Dimitriou, I. Karaouzas (eds.) (2018). *The Rivers of Greece*. Springer, Series: *The Handbook of Environmental Chemistry*.
 9. **Skoulikidis N.** (2018). The State and Origin of River Water Composition in Greece. In: N. Skoulikidis, E. Dimitriou, I. Karaouzas (eds.) *The Rivers of Greece*. Springer, Series: *The Handbook of Environmental Chemistry*, 97-128.
 10. Karaouzas I., C. Theodoropoulos, L. Vardakas, S. Zogaris, **N. Skoulikidis** (2018). The Evrotas River Basin: 10 Years of Ecological Monitoring. In: N. Skoulikidis, E. Dimitriou, I. Karaouzas (eds.) *The Rivers of Greece*. Springer, Series: *The Handbook of Environmental Chemistry*, 279-326.
 11. Zogaris S., **N. Skoulikidis**, E. Dimitriou (2018). River and Wetland Restoration in Greece: Lessons from Biodiversity Conservation Initiatives. In: N. Skoulikidis, E. Dimitriou, I. Karaouzas (eds.) *The Rivers of Greece*. Springer, Series: *The Handbook of Environmental Chemistry*, 403-430.
 12. **Skoulikidis N.**, S. Zogaris, Y. Karaouzas (2021). Rivers of the Balkans. In K. Tockner, C. Zarfl, C.T. Robinson (eds.) *Rivers of Europe*, Elsevier, 2nd edition, 593-653.
 13. **Skoulikidis N.** (2021). Mountainous areas and river systems. In E. Dimitriou & C. Papadaki (eds.) *Environmental Water Requirements in Mountainous Areas*, Elsevier, 1-50.
 14. Theodoropoulos C., R. Muñoz-Mas, P. Vezza, **N. Skoulikidis** (2021). Environmental flows as a component of Integrated Water Resources Management: Historical-political developments and the long way to successful implementation. In E. Dimitriou & C. Papadaki (eds.) *Environmental Water Requirements in mountainous areas*. Elsevier, 99-153.
 15. **Skoulikidis N.**, A. Mentzafou (2021). River inputs in the Aegean coastal system. In A. Anagnostou, A. Kostianoy, I. Mariolakos, P. Panayotidis M. Soilemezidou, G. Tsaltas (eds.) *The Aegean Sea Environment, Handbook of Environmental Chemistry*, DOI: 10.1007/698_2020_732.

Publications in international peer reviewed journals

1. **Skoulikidis N.** (1992). Überblick über die Geohydrochemie der größten Griechischen Flüsse. *Annales Geologiques des Pays Helleniques*, XXXV: 413-449.
2. **Skoulikidis N.** (1993). Significance evaluation of factors controlling river water composition. *Environmental Geology*, 22: 178-185.
3. **Skoulikidis N.**, J. Kondylakis (1997). Seasonal variations of biogeochemical processes controlling Greek rivers' composition. *Geochemical Journal*, 31(6): 357-371.
4. **Skoulikidis N.**, I. Bertahas, Th. Koussouris (1998). The environmental state of freshwater resources in Greece (rivers and lakes). *Environmental Geology* 36(1-2): 1-17.
5. **Skoulikidis N.**, K. Gritzalis (1998). Greek river inputs in the Mediterranean, Their intra-annual and inter-annual variations. *Fresenius Environmental Bulletin* 7: 90-95.
6. Gritzalis K., K. Bogdanos, **N. Skoulikidis**, I. Bertahas, Th. Koussouris (1998). Ecological classification of the upper part of Aliakmon River, Greece. *Fresenius Environmental Bulletin* 7: 351-355.
7. **Skoulikidis N.**, I. Bertahas, Th. Koussouris (1998). An overview on the quality of Greek freshwaters (rivers and lakes). *European Environmental Research* 1(2): 95-107.
8. **Skoulikidis N.** (2001). Levels and possible sources of heavy metals in surficial sediments of Lake Vegoritis. *Bull. Geol. Soc. Greece* XXXIV(3): 1123-1130.
9. **Skoulikidis N.**, N. Nikolaidis, E. Zaggana, P. Pergialiotis (2001). The contribution of agriculture to the aquatic pollution of the lower part of Acheloos River. *Bull. Geol. Soc. Greece* XXXIV(5): 1951-1957.

10. Sakellariou D., G. Rousakis, Ch. Kranis, E. Kamberi, P. Georgiou, **N. Skoulikidis** (2001). Neotectonic movements, sedimentation and water-level fluctuation of the Lake Vegoritis in Upper Quaternary. *Bull. Geol. Soc. Greece*, XXXIV(1): 207-216.
11. Zacharias I., I. Bertahas, **N. Skoulikidis**, Th. Koussouris (2002). Greek Lakes: Limnological Overview. *Lakes & Reservoirs: Research and Management* 7: 55-62.
12. Skoulikidis N. (2002). Typological and qualitative characteristics of Greek-interregional Rivers. *Mediterranean Marine Science* 3(1): 79-88.
13. Skoulikidis N., K. Gritzalis, Th. Kouvarda (2002). Hydrochemical and ecological quality assessment of a Mediterranean river system. *GlobalNest* 4(1): 29-40.
14. **Skoulikidis N.** (2002). Hydrochemical character and spatiotemporal variations in a heavily modified river of Western Greece. *Environmental Geology* 43(7): 814-824.
15. Hering D., A. Buffagni, O. Moog, L. Sandin, M. Sommerhäuser, I. Stubauer, Ch. Feld, R. Johnson, P. Pinto, **N. Skoulikidis**, P. Verdonschot, S. Zahrádková (2003). The development of a system to assess the ecological quality of streams based on macroinvertebrates – design of the sampling programme within the AQEM project. *Int. Rev. Hydrobiol.* 88(3-4): 345-361.
16. Karageorgis A., N. Nikolaidis, H. Karamanos, **N. Skoulikidis** (2003). Water and sediment quality assessment of Axios River and its coastal environment. *Continental Shelf Research* 23: 1929-1944..
17. **Skoulikidis N.**, K. Gritzalis, Th. Kouvarda, A. Buffagni (2004). The development of an ecological quality assessment and classification system for Greek running waters based on benthic macroinvertebrates. *Hydrobiologia* 516(1): 149-160.
18. Karageorgis A., M. Skourtos, V. Kapsimalis, A. Kontogianni, **N. Skoulikidis**, K. Pagou, N. Nikolaidis, P. Drakopoulou, B. Zanou, H. Karamanos, Z. Levkov, Ch. Anagnostou (2005). An integrated approach to watershed management within the DPSIR framework: Axios River Catchment and Thermaikos Gulf. *Reg. Environ. Change* 5: 138-160.
19. **Skoulikidis N.**, Y. Amaxidis, I. Bertahas, S. Laschou, K. Gritzalis (2006). Analysis of factors driving stream water composition and synthesis of management tools – A case study on small/medium Greek catchments. *The Science of the Total Environment* 362: 205-241.
20. Dimitriou E., I. Karaouzas, **N. Skoulikidis**, I. Zacharias (2006). Assessing the environmental status of Mediterranean temporary ponds in Greece. *Ann. Limnol. – Int. J. Lim.* 42(1): 33-41.
21. Gritzalis K., I. Karaouzas, **N. Skoulikidis** (2006). Assessing the Ecological quality of running waters of Thrace Region (NE Greece) by the use of macroinvertebrate indicators. *Fresenius Environmental Bulletin* 15(9b): 1182-1188.
22. Tzoraki O., N. Nikolaidis, Y. Amaxidis, **N. Skoulikidis** (2007). In-stream biogeochemical processes of a temporary river. *Environmental Science & Technology* 41(4): 1225-1231.
23. Karaouzas I., K. Gritzalis, **N. Skoulikidis** (2007). Land use effects on macroinvertebrate assemblages and stream quality along an agricultural river basin. *Fresenius Environmental Bulletin* 16(6): 645-653.
24. Gallart F., Y. Amaxidis, P. Botti, G. Canè, V. Castillo, P. Chapman, J. Froebrich, J. García-Pintado, J. Latron, P. Llorens, A. Lo Porto, M. Morais, R. Neves, P. Ninov, J-L. Perrin, I. Ribarova, **N. Skoulikidis**, M-G. Tournoud (2008). Investigating hydrological regimes and processes in a set of catchments with temporary waters in Mediterranean Europe. *Hydrological Sciences Journal* 53(3): 618-628.
25. **Skoulikidis N.** (2008). Defining chemical status of a temporal Mediterranean River. *Journal of Environmental Monitoring* 10(7): 842 – 852.
26. **Skoulikidis N.**, H. Kamberi, D. Sakellariou (2008). Patterns, origin and possible effects of sediment pollution in a Mediterranean lake. *Hydrobiologia* [613](#): 71-83, DOI: 10.1007/s10750-008-9473-2.

27. **Skoulikidis N.**, I. Karaouzas, K. Gritzalis (2009). Identifying key environmental variables structuring benthic fauna for establishing a biotic typology for Greek running waters. *Limnologica*, 39(1): 56-66.
28. Nikolaidis N., Karageorgis A., V. Kapsimalis, P. Drakopoulou, **N. Skoulikidis**, H. Behrendt, Z. Levkov (2009). Management of nutrient emissions of Axios River catchment: Their effect in the coastal zone of Thermaikos Gulf, Greece. *Ecological Modelling* 220(3): 383-396.
29. Karaouzas I., E. Dimitriou, **N. Skoulikidis**, K. Gritzalis, E. Kolobari (2009). Linking hydrogeological and ecological tools for an integrated river catchment assessment. *Environmental Modelling and Assessment* 14: 677-689.
30. **Skoulikidis N.** (2009). The environmental state of rivers in the Balkans - a review within the DPSIR framework. *The Science of the Total Environment* 407:2501-2516.
31. **Skoulikidis N.**, Y. Amaxidis (2009). Origin and dynamics of dissolved and particulate nutrients in a minimally disturbed Mediterranean river with intermittent flow. *Journal of Hydrology*, 37: 218-229.
32. Karaouzas I., E. Cotou, T.A. Albanis, A. Kamarianos, **N. Skoulikidis**, U. Giannakou (2010). Bioassays and biochemical biomarkers for assessing olive mill and citrus processing wastewater toxicity. *Environmental Toxicology*, DOI 10.1002/tox.20606.
33. Blake W.H., S.P. Theocharopoulos, **N. Skoulikidis**, P. Clark, P. Tountas, R. Hartley, Y. Amaxidis (2010). Wildfire impacts on hillslope sediment and phosphorus yields. *J Soils Sediments* 10: 671-682, DOI 10.1007/s11368-010-0201-y.
34. **Skoulikidis N.**, L. Vardakas, I. Karaouzas, A. Economou, E. Dimitriou, S. Zogaris (2011). Water stress in Mediterranean lotic systems; impacts and management implications in an artificially intermittent river (Evrotas River, Greece). *Aquatic Science Special Issue: "Recent Perspectives on Temporary River Ecology* 73:581-597, DOI 10.1007/s00027-011-0228-1.
35. Karaouzas I., **N. Skoulikidis**, U. Giannakou, T.A. Albanis (2011). Spatial and temporal effects of olive mill wastewaters to stream macroinvertebrates and aquatic ecosystems status. *Water Research*, doi:10.1016/j.watres.2011.09.014.
36. Karaouzas I., D.A. Lambropoulou, **N. Skoulikidis**, T.A. Albanis (2011). Levels, sources and spatiotemporal variation of nutrients and micropollutants in small streams of a Mediterranean River basin. *J. Environ. Monit.*, 2011, 13, 3064
37. Gallart F., N. Prat, E.M. García-Roger, J. Latron, M. Rieradevall, P. Llorens, G.G. Barberá, D. Brito, A.M. De Girolamo, A. Lo Porto, A. Buffagni, S. Erba, R. Neves, N.P. Nikolaidis, J.L. Perrin, E.P. Querner, J.M. Quiñero, M.G. Tournoud, O. Tzoraki, **N. Skoulikidis**, R. Gomez, M. Sanchez-Montoya, J. Froebrich (2012). A novel approach to analysing the regimes of temporary streams in relation to their controls on the composition and structure of aquatic biota. *Hydrol. Earth Syst. Sci.*, 16, 3165-3182.
38. Nikolaidis N.P., L. Demetropoulou, J. Froebrich, C. Jacobs, F. Gallart, N. Prat, A. Lo Porto, C. Campana, V. Papadoulakis, **N. Skoulikidis**, T. Davy, G. Bidoglio, F.I. Bouraoui, M. Kirkby, M.G. Tournoud, S. Polesello, G. G. Barberá, D. Cooper, R. Gomez, M. del Mar Sánchez-Montoya, J. Latron, A-M. De Girolamo, J-L.s Perrin (2013). Towards sustainable management of Mediterranean river basins: policy recommendations on management aspects of temporary streams. *Water Policy* 15: 830-849.
39. Garcia-Roger E.M., M. del Mar Sanchez-Montoya, N. Cid, S. Erba, I. Karaouzas, I. Verkaik, M. Rieradevall, R. Gomez, M.L. Suarez, M.R. Vidal-Abarca, D. DeMartini, A. Buffagni, **N. Skoulikidis**, N. Bonada, N. Prat (2013). Spatial scale effects on taxonomic and biological trait diversity of aquatic macroinvertebrates in Mediterranean streams. *Fundam. Appl. Limnol.* 183/2: 89-105.
40. **Skoulikidis N.**, A. Lampou, I. Karaouzas, K. Gritzalis, M. Lazaridou, S. Zogaris (2014). Stream ecological assessment on an Aegean island: insights from an exploratory application on

Samothraki (Greece). *Fresenius Environmental Bulletin*, 23(5), 1173-1182.

41. Anastasopoulou E., **N. Skoulikidis**, A. Pavlidou, E. Rouselaki, K. Gritzalis (2014). Seasonal variation and inputs of nutrients to the estuary of Pamisos River (Messinia - Peloponnese), Greece. *Fresenius Environmental Bulletin*, 23, 12a, 3248-3254.
42. Navarro-Ortega A., Vicenç Acuña, A. Bellin, P. Burek, G. Cassiani, R. Choukr-Allah, S. Dolédec, A. Elozegi, F. Ferrari, A. Ginebreda, P. Grathwohl, C. Jones, P. Ker Rault, K. Kok, P. Koundouri, R. Peter Ludwig, R. Merz, R. Milacic, I. Muñoz, G. Nikulin, C. Paniconi, M. Paunović, M. Petrovic, L. Sabater, S. Sabater, **N. Skoulikidis**, A. Slob, G. Teutsch, N. Voulvoulis, D. Barceló (2014). Managing the effects of multiple stressors on aquatic ecosystems under water scarcity. The GLOBAQUA project. *Science of The Total Environment*, <http://dx.doi.org/10.1016/j.scitotenv.2014.06.081>.
43. Gritzalis K. C., E. Anastasopoulou, N. Georgiopoulos, V. Markogianni, **N. Skoulikidis** (2015). Water quality and Benthic fauna biodiversity in a unique small wetland at Messinia Greece. *Journal of Environmental Biology* 36, 171-176.
44. Tzoraki O., A.M. Girolamo, C. Gamvroudis, **N. Skoulikidis** (2015). Assessing the flow alteration of temporary streams under current conditions and changing climate by Soil and Water Assessment Tool model. *Int. J. of River Basin Management* 1(10), 1571-5124, doi: 10.1080/15715124.2015.1049182.
45. Cid N., I. Verkaik, E.M. García-Roger, M. Rieradevall, N. Bonada, M.M. Sánchez-Montoya, R. Gómez, M.L. Suárez, M.R. Vidal-Abarca, D. Demartini, A. Buffagni, S. Erba, I. Karaouzas, **N. Skoulikidis**, N. Prat (2015). A biological tool to assess flow connectivity in reference temporary streams from the Mediterranean Basin. *Science of The Total Environment* 07/2015; 540. doi:10.1016/j.scitotenv.2015.06.086.
46. Tzoraki O., I. Karaouzas, L. Patrolecco, **N. Skoulikidis** N.P. Nikolaidis (2015). Polycyclic Aromatic Hydrocarbons (PAHs) and Heavy Metal Occurrence in Bed Sediments of a Temporary River. *Water Air Soil Pollut.* 226-421. doi: 10.1007/s11270-015-2671-4.
47. Vardakas L., E. Kalogianni, S. Zogaris, N. Koutsikos, T. Vavalidis, D. Koutsoubas, **N. Skoulikidis** (2015). Distribution patterns of fish assemblages in an Eastern Mediterranean intermittent river. *Knowledge and Management of Aquatic Ecosystems* 416(30). doi: 10.1051/kmae/2015026
48. Theodoropoulos C., **N. Skoulikidis**, A. Stamou (2016). Habfuzz: A tool to calculate the instream hydraulic habitat suitability using fuzzy logic and fuzzy Bayesian inference. Software Repository: <https://github.com/chtheodoro/Habfuzz>, Software Archive: <https://dx.doi.org/10.5281/zenodo.163291>, Paper DOI: <http://dx.doi.org/10.21105/joss.00082>.
49. **Skoulikidis N.**, S. Sabater, T. Datry, M. Morais, A. Buffagni, G. Dörflinger, S. Zogaris, M.M. Sánchez-Montoya, N. Bonada, E. Kalogianni, J. Rosado, L. Vardakas, A.M. De Girolamo, K. Tockner (2017). Non-perennial Mediterranean rivers in Europe: Status, pressures, and challenges for research and management. *Science of the Total Environment* 577, 1-18.
50. **Skoulikidis N.**, L. Vardakas, Y. Amaxidis, P. Michalopoulos (2017). Biogeochemical processes controlling aquatic quality during drying and rewetting events in a Mediterranean non-perennial river reach. *Science of the Total Environment* 575, 378-389.
51. Theodoropoulos C., A. Vourka, A. Stamou, P. Rutschmann, **N. Skoulikidis** (2017). Response of freshwater macroinvertebrates to rainfall-induced highflows: A hydroecological approach. *Ecological Indicators* 73 (2017) 432-442.
52. Pavlineri N., **N. Skoulikidis**, V. A. Tsihrintzis (2017). Constructed Floating Wetlands: A review of research, design, operation and management aspects, and data meta-analysis. *Chemical Engineering Journal* 308 (2017) 1120-1132.
53. Vardakas L., E. Kalogianni, Ch. Papadaki, Th. Vavalidis, **N. Skoulikidis** (2017). Defining critical habitat conditions for the conservation of three endemic and endangered cyprinids in a

Mediterranean intermittent river before the onset of drought. *Aquatic Conservation* doi: 10.1002/aqc.2735.

54. Vardakas L., E. Kalogianni, A.N. Economou, N. Koutsikos, **N. Skoulikidis** (2017). Mass mortalities and population recovery of an endemic fish assemblage in an intermittent river reach during drying and rewetting. *Fundam. Appl. Limnol.* 190(4), 331–347.
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Publications (other)

- Over 165 presentations in peer-reviewed international and national conference proceedings.
- Over 200 presentations in conferences, workshops, meetings, etc.

RESEARCH PROJECTS

- Participation in 37 international research projects, in 14 of which as scientific coordinator and project manager and in 19 as task leader.
- Participation in 33 national research projects, in 9 of which as scientific coordinator and project manager.

TEACHING EXPERIENCE

Master courses

- Teaching of the course "Water Resources Management" at the University of Western Attika (2020 – up to day).
- Lecturer on “River hydrogeochemistry – A holistic approach” at the National and Kapodistrian University of Athens, 2017-2019.

Seminars

Seminar teaching on environmental, ecological, management and conservation issues of aquatic ecosystems, both in Greece and abroad, among them for the National Center of Public Administration, Global Water Partnership – Mediterranean, National and Kapodistrian University of Athens, National Centre for Scientific Research “Demokritos”, Interdisciplinary Institute for Environmental Research, Regional Authorities, Municipalities and schools.

Summer Universities

Organization and participation to a series of Summer Universities on “Aquatic and Social Ecology”, in collaboration between IMBRIW, HCMR and the Institute of Social Ecology, University of Natural Resources and Life Sciences (BOKU), Vienna, Samothraki Island 2016 – up to day (interrupted by the pandemic in 2020-21).

Supervision

- 4 BS Theses
- 7 Master Theses
- 7 PhD Theses

OTHER ACTIVITIES

Consulting services

- Consulting the Ministries of Environment and Development on issues relating to the implementation of the WFD 2000/60/EC focusing on “ecological status” and “integrated river basin management”.
- Consulting Local Authorities (Regions and Municipalities) on environmental issues.

Journal editor

- Member of the editorial board of Water Journal since 2019 – Guest editor of the Special Issue: “The WFD 20 Years After – Ecological Status Assessment and Restoration of Aquatic Ecosystems”.
- Member of the editorial board of Research in Ecology Journal, Bilingual Publishing CO since 2019.

Journal reviewer

Reviewer for the following Journals: Aquatic Sciences, Archives of Environmental Contamination & Toxicology, Catena, Environmental Engineering & Management, Environmental Management, Environmental Monitoring and Assessment, Environmental Pollution, Environmental Processes, Environmental Sciences Europe, International Journal of Environmental Resources & Public Health, Fresenius Environmental Bulletin,

Journal of Environmental Management & Assessment, Journal of Hydrology, Journal of King Saud University, Journal of Natural History, Progress in Oceanography, Mediterranean Marine Science, Science of the Total Environment, The Arabian Journal for Science & Engineering, Water, Water Resources Management.

Activities with a socio-political impact

- Inspirator of an informal committee for the official position of HCMR on environmental problems arising from unsustainable regulations of environmental laws and development activities.
- Support “pristine” mountain areas: Research and actions related to opposing the installation of windfarms on mountainous ridges of Samothraki Island protected under the NATURA framework with a positive outcome.
- Support free flowing rivers: Wild Rivers initiative for the Aaos/Vjose River

AWARDS

- ECOCITY 2011 Award for “Scientific Research”
- LIFE EnviFriendly project: awarded as one of the five best 2009 LIFE projects