



Andriani Galani

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WORK EXPERIENCE

06/2023 – CURRENT Athens, Greece

POSTDOCTORAL RESEARCHER AND PROJECT MANAGER NATIONAL TECHNICAL UNIVERSITY OF ATHENS

- Main Researcher and Project Manager in Horizon Mission, PRIMA and Interregional Innovation Investments (I3) funded projects

07/2017 – 06/2023 Athens, Greece

RESEARCHER NATIONAL TECHNICAL UNIVERSITY OF ATHENS

- Lab analyses and experiments
- Participation in EU funded projects as main researcher
- Supervision of undergraduate and postgraduate experimental theses

07/2017 – 02/2018 Athens, Greece

CIVIL ENGINEER ALIMOS MUNICIPALITY-TECHNICAL BRANCH

- Participation in the preparation of public works studies, such as the development of public outdoor spaces and the expansion and replacement of the stormwater drainage network
- Drafting of plans

05/2016 – 10/2016 Athens, Greece

CIVIL ENGINEER MANPOWER EMPLOYMENT ORGANIZATION-TECHNICAL BRANCH

- Participation in the design and layout of the organization's building interiors
- Drafting of plans

EDUCATION AND TRAINING

07/2017 – 07/2023 Athens, Greece

PHD IN CIVIL AND ENVIRONMENTAL ENGINEERING National Technical University of Athens (NTUA)

Thesis Investigation of the in situ biological remediation of groundwater polluted with hexavalent chromium

12/2013 – 03/2015

MSC IN SCIENCE & TECHNOLOGY OF WATER RESOURCES National Technical University of Athens (NTUA)

Thesis Laboratory simulation for grey water treatment with the use of coagulation and filtration through sand and activated carbon

09/2008 – 02/2014

INTEGRATED MASTER IN CIVIL ENGINEERING National Technical University of Athens (NTUA)

Thesis Mathematical simulation of activated sludge systems with moving bed biofilm reactors (MBBR)

LANGUAGE SKILLS

Mother tongue(s): **GREEK**

Other language(s): **ENGLISH** | **FRENCH** | **GERMAN**

PUBLICATIONS

2025

Participatory Selection of Nature-Based Solutions and Bioeconomy Solutions for WEFE Nexus Implementation: Applications on Tinos Island, Greece

Galani, A., Tsatsou, A., González-Camejo, J. et al. Participatory Selection of Nature-Based Solutions and Bioeconomy Solutions for WEFE Nexus Implementation: Applications on Tinos Island, Greece. Circ.Econ.Sust. (2025). <https://doi.org/10.1007/>

2024

Evaluating an integrated nano zero-valent iron column system for emerging contaminants removal from different wastewater matrices – Identification of transformation products

Barka E., Nika M.C., Galani A. et al., Evaluating an integrated nano zero-valent iron column system for emerging contaminants removal from different wastewater matrices – Identification of transformation products, Chemosphere, 2024

2023

Removal of Contaminants of Emerging Concern from Wastewater Using an Integrated Column System Containing Zero Valent Iron Nanoparticles

Barka E., Noutsopoulos C., Galani A. et al., Removal of Contaminants of Emerging Concern from Wastewater Using an Integrated Column System Containing Zero Valent Iron Nanoparticles, Water, 2023

2022

Removal under Different Reducing and Electron Donor Conditions A Soil Microcosm Study

Galani A., Noutsopoulos C., Anastopoulou P. et al., Removal under Different Reducing and Electron Donor Conditions A Soil Microcosm Study, Water, 2022

2022

Biotic and Abiotic Biostimulation for the Reduction of Hexavalent Chromium in Contaminated Aquifers

Galani A., Mamais D., Noutsopoulos C. et al., Biotic and Abiotic Biostimulation for the Reduction of Hexavalent Chromium in Contaminated Aquifers, Water, 2022

2018

Greywater characterization and loadings Physicochemical treatment to promote onsite reuse

Noutsopoulos C., Andreadakis A., Kouris N. et al., Greywater characterization and loadings Physicochemical treatment to promote onsite reuse, Journal of Environmental Management, 2018

● **CONFERENCES AND SEMINARS**

11/02/2025 – 12/02/2025 Rabat, Morocco

WEFE Nexus International Conference

06/2024 Salamanca, Spain

21st International Conference on Distributed Computing and Artificial Intelligence

Living Hubs in the INNO4CFIs Project. From ground to satellites to AI applications: integrating advanced technologies for Carbon Farming in Agroforestry (Presentation)

10/2023 Chania, Crete, Greece

Closed Cycles & the Circular Society

Multi-criteria tool for Nature-based Solutions and Bioeconomy practices selection towards WEFE Nexus implementation: the case of Tinos Island (Presentation)

10/2023 Chania, Crete, Greece

Closed Cycles & the Circular Society

Applications of circularity and the WEF Nexus across the Mediterranean: the four Demo Sites of the SureNexus project (Poster)

06/2023 Athens, Greece

Water Innovation and Circularity Conference (WICC)

Non-conventional intensive municipal wastewater treatment solutions for safe reuse in agriculture: The FIT4REUSE project (Presentation)

09/2021

17th International Conference on Environmental Science and Technology (CEST2021)

In-situ bioremediation of groundwater polluted with Cr(VI) under anaerobic conditions (Presentation)

04/2013 Vienna, Austria

European Geosciences Union General Assembly 2013

Record breaking properties for typical autocorrelation structures (Poster)