



Georgia Filippi

Chemist with experience in chemical analysis of environmental samples.

Personal Info

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Skills

○ Knowledge of techniques of Atomic Absorption Spectrometry and Spectrophotometry UV-Vis

○ Knowledge of technique of Ion Chromatography

○ Knowledge of determination of Biochemical Oxygen Demand (BOD) in water samples

○ Knowledge of data entry into electronic data bases

○ Diploma ECDL (European Computer Driving License)

○ Communication

○ Teamwork

Languages

○ Greek (Native Language)

○ English (Certificate of Proficiency)

○ German (Zertifikat Deutsch-Goethe Institut)

Work Experience

Chemist, Hellenic Centre for Marine Research (HCMR)

April 2024 - Present

'WFD monitoring of the Greek surface waters (2024-2029)', National program, Program for the Environment and Climate Change 2021-2027 (PEKA-OPY), Monitoring and recording the status (quality, quantity, pressures, use) of the country's waters (02.5032401/001-006), Principal Investigator: Dr. Eleni Kalogianni.

Chemist, HCMR

January 2024 - March 2024

'River Flow' (02.5002101), Principal Investigator: Dr. Elias Dimitriou.

Chemist, HCMR

February 2020 - December 2023

'Monitoring and recording of the status (quality, quantity, pressures and uses) of surface waters of Greece ('YMEPERAA-OPY') (02.5031702), Principal Investigator: Dr. Elias Dimitriou.

Chemist, Department of Chemistry, National and Kapodistrian University of Athens (NKUA)

June 2018 - August 2019

'Research Infrastructure for Waste Valorization and Sustainable Management of Resources (INVALOR)', Co-financed by Greece and the European Union, Principal Investigator: Emmanouil Dassenakis.

Education

PhD in Environmental Chemistry

October 2017 - December 2024

Department of Chemistry, NKUA, Thesis title: 'Chemical behavior of heavy metals in sediments of West Saronikos Gulf'.

MSc in Chemistry Education, New Educational Technologies and Education for the Sustainable Development ('Excellent' 8.5/10)

November 2014 - March 2017

Department of Chemistry, NKUA, Master thesis: 'A Workplan for the Study of Lagoon Chemistry'.

MSc in Oceanography and Management of the Marine Environment ('Good' 8.25/10)

September 2008 - September 2010

Department of Chemistry, NKUA, Master thesis: 'Pollution of Mar Menor lagoon from heavy metals'.

BSc in Chemistry, Department of Chemistry, NKUA ('Good' 6.5/10)

September 2003 - November 2008

Publications

- Sediment quality assessment in an industrialized Greek coastal marine area (western Saronikos Gulf), (Filippi G., Dassenakis M., Paraskevopoulou V., Lazogiannis K.), *Biogeosciences*, vol.20, pp.163-189, <https://doi.org/10.5194/bg-20-163-2023>, 2023.
- The impact of mining activities on the hypersaline Mar Menor lagoon, Dassenakis M., Garcia G., Diamantopoulou E., Girona J.D., Garcia-Marin E.M., Filippi G., Fioraki V., *Desalination and Water Treatment*, vol.13, issue 1-3, pp.282-289, <https://doi.org/10.5004/dwt.2010.1036>, 2010.

Conferences

- **5th International conference of Environmental Design and Health, ICED 2024**, Hellenic Open University, poster presentation, Assessing the Impact of extreme weather events on water quality: The case of Pinios River basin (Greece) after the Daniel storm-Preliminary findings (Lazogiannis K, Matiatos I., Demetriou E., Amaxidis G., Papadopoulos A., Laschou S., Filippi G., Kapeloni M.), 18-20 October 2024, Athens, Greece.
- **Conference for the 25 years of the programme Chemistry Education, New Educational Technologies and Education for the Sustainable Development, Proposals for Chemical Education in the future, HCMR's activities for the teaching of Chemistry and education for sustainability** (Andriopoulou A., Filippi G., Fioraki V., Dassenakis M.), 29-30 March 2024, Athens, Greece.
- **18th International Conference on Environmental Science and Technology Athens**, Anthropogenic metal pollution in Saronikos gulf: historical evolution and risk assessment based on selected sediment cores (Panagopoulou G., Paraskevopoulou V., Yfanti A., Anagnostou E., Vrettou E., Filippi G., Botsou F., Xarlis P., Andreopoulos E., Moratis D., Stergiou N., Chatziathanasiou C., Damianou R.K., Dalianis A., Tsiparis I., Dassenakis M.), abstr. p.227, 30 August-2 September 2023, Athens, Greece.

- **Marine and Inland Waters 2022 Research Symposium**, poster presentations, *Heavy metals in sediment cores from West Saronikos Gulf*, (Filippi G., Dassenakis M., Paraskevopoulou V.), abstr.p. 767, *The levels and historical evolution of mercury in sediments of Saronikos Gulf*, (Panagopoulou G., Paraskevopoulou V., Filippi G., Anagnostou E., Stergiou A., Botsou F., Lazogiannis K., Dassenakis M., Scoullou M.), abstr.p. 811, *Comparing biological quality elements in greek rivers*, (Oikonomou A., Smeti E., Karaouzas I., Stefanidis K., Andriopoulou A., Vavalidis Th., Vardakas L., Vourka A., Giakoumi S., Gritzalis K., Zogaris S., Theodoropoulos Ch., Kalaitzakis N., Kalogianni E., Kapakos Y., Kapeloni M., Kapetanaki N., Katsogiannou I., Colombari E., Kommatas D., Kouvarda Th., Kouraklis P., Koutsikos N., Koutsodimou M., Lampou A., Lampri Pv., Leris I., Laschou S., Latsiou A., Markogianni V., Masouras A., Mentzafou A., Barbieri R., Ntakias A., Panagiotou A., Papadaki C., Sperelakis E., Tragaki D., Fytilis K., Filippi G., Chamoglou M., Tachos V., Skoulikidis N., Papadopoulos A., Stoumboudi M., Dimitriou E), abstr.p.835, 16-19 September 2022, Porto Heli, Argolida, Greece.
- **1st Symposium of graduate students of the Chemistry Department, NKUA**, poster presentation: *Sediment Quality Assessment in an industrialized Greek coastal marine area (West Saronikos Gulf)*, (Filippi G., Dassenakis M., Paraskevopoulou V.), 18-19 March, 2022, Athens, Greece.
- **The 52nd International Liège colloquium on Ocean Dynamics**, poster presentation (lighting talk): *Sediment Quality Assessment in an industrialized Greek coastal marine area (West Saronikos Gulf)*, (Filippi G., Dassenakis M., Paraskevopoulou V.), 17-21 May 2021, online event (zoom), Belgium.
- **6th Panhellenic Symposium with International Participation, Green Chemistry and Sustainable Development**, poster presentation: *Laboratory Waste Management Protocols in Greece*, (Riga M., Filippi G., Panagiotoulas I., Lazogiannis K., Dassenakis M., Scoullou M.) και *Application of a circular economy model in steel industry*, (Panagiotoulas I., Sakellari A., Riga M., Filippi G., Dassenakis M., Scoullou M.), abstr. p.2, p.28, 18-20 October 2019, Athens, Greece.
- **47th IUPAC World Chemistry Congress**, Frontiers in Chemistry: Let's create our future! 100 years with IUPAC, poster presentation: *Assessment of heavy metal pollution in a coastal area affected by industrial activities through the study of sediment cores*, (Dassenakis M., Filippi G., Paraskevopoulou V., Karavoltsos S.), 7-12 July 2019, Paris.

- **Ecocity Forum 2018, Circular Economy in smart cities**, poster presentation: *Best Available Technologies as a tool to improve steel industry sustainability*, (Panagiotoulas, I., Scoullas, M., Dasenakis, E., Chalkiadaki, O., Riga, M., Filippi, G.), 3-5 October 2018, Thessaloniki, Greece.
- **2nd Conference of the European Federation of Marine Science and Technology Societies**, The significance of marine science and the role of marine scientists in present-day Europe, *The study of the pollution of Mar Menor lagoon by heavy metals*, (Dassenakis M., Filippi G.), 15-16 October 2010, Athens, Greece.
- **3rd International Conference of Water Science and Technology**, poster presentation, *The effect of mining activities on the hypersaline Mar Menor lagoon*, (Dassenakis M., Garcia G., Diamantopoulou E., Girona J., Papadogianakis M., Garcia-Marin E., Filippi G., Fioraki V.), abstr. p. 91, 16-19 October 2008, Athens, Greece.
- **26th European Conference** Health Implications of Environmental Contamination, .), *Heavy metal pollution in a Mediterranean lagoon*, (Dassenakis M., Garcia G., Diamantopoulou E., Girona J., Papadogianakis M., Garcia-Marin E., Filippi G., Fioraki V.), abstr. p.72, 3st January-2nd April 2008, Athens, Greece.

Technical Report

- Coastal Collaborative Land-Sea Integration Platform, Report D21, Dissemination Plan and visual identity, Deliverable the SW Messinia case study: Environmental assessment of the freshwater and marine systems, Water Quality Assessment in 6 streams at SW Messinia, based on benthic macroinvertebrates, diatoms and physicochemical parameters (Gritzalis K., Smeti E., Katsogiannou I., Lampou A., Koutsodimou M., Lampri P., Kouvarda T., Adriopoulou A., Laschou S., Panagopoulos I., Filippi G., Kapeloni M., Georgiopoulos N., Dimitriou E.).