

Member of the
DWD WG
(Drinking Water Directive Working group, RAC)

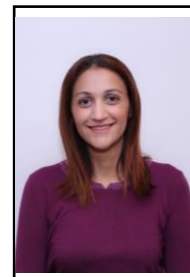
1. General Information:

Name (FAMILY NAME, First Name): Antoniou Maria

X Ms / Mr

Appointed by (MS/Forum): CYPRUS

Nationality: CYPRIOT



2. Education: Bachelor of Science in Chemistry, University of Cyprus; Doctoral Degree in Environmental Sciences, University of Cincinnati; Post-doctoral appointment at the Department of Environment of the Technical University of Denmark.

3. Relevant Employment

Present employment	Assistant Professor at the Department of Chemical Engineering of the Cyprus University of Technology.
Previous relevant employment	- Lecturer at the Department of Environmental Science and Technology of the Cyprus University of Technology. - Contractor for the Department of Environment of the Ministry of Agriculture, Natural Resources and Environment of Cyprus. Providing consulting services on the protection of the water quality at the European and International level, prior and during the Cyprus EU Presidency of 2012.

4. Relevant fields of in-depth expertise:

Area of expertise	Description
Water treatment	Development of advanced oxidation processes for the removal of contaminants of emerging concern (CEC).
Mitigation strategies for toxic cyanobacteria	Development of novel preventative and mitigation strategies for the removal of toxic cyanobacteria and cyanotoxins from surface waters.
Analytical methods for CECs	Identification of transformation products following application of AOPs for the removal of CECs.

5. Membership of relevant professional bodies:

- **American Chemical Society (ACS)** (2004 – current)
- **American Water Works Association (AWWA)** (2006 – current)
- **Sigma Xi, The Scientific Research Society** (2007 – current)
- **International Water Association** (2010 – current)
- **International Society for the Study of Harmful Algae** (April 2021-current)
- **Water Europe** (May 2021-current)

6. Other Relevant Information:

Funded Projects:

- Improving innovation capacities of private and public actors for sustainable and profitable REcycling of LIVEstock WASTE (RE-LIVE WASTE), Interreg MED, Overall budget: 1,831,687 €, CUT budget 382,125 €. Duration: 02/2018-04/2021.
- CYanoConS, CYPRUS SEEDS, 1st and 2nd cycle: Novel physical-chemical oxidation processes for mitigating toxic cyanobacterial blooming, CUT budget: (60,000 € +25,000 € for traveling and patents), Duration: 1/7/2019-30/11/2021.
- Automated In-situ CYANOtoxin Assessment ToolBOX for Real-Time Surface Water Monitoring (CYanoBox), Restart Enterprises, RIF Cyprus CUT budget: 64,884€, Overall budget 199,760 €. Duration: 03/2019-02/2022.
- Quantification kit for oxidant X for field and lab applications (POXi KIT), INDUSTRIAL-PROPERTY/0717/003, RIF, CY. CUT Budget: 10,000 € Overall budget 20,000 € (06/11/2020), 30M.
- EXCELLENCE/0421/0212, A sustainable and innovative management system for toxic cyanobacteria blooming of surface waters with combined energy production, sustainable agriculture, and food safety, CYanoTech. (Duration: 01/03/2022-29/02/2024). CUT Budget: 198.607.92 €.