Prof. Dr. Dionysios (Dion) D. Dionysiou is currently a Professor of Environmental Engineering and Science Program at the University of Cincinnati. He teaches courses and performs research in the areas of water quality, treatment, and monitoring. He is the author or co-author of over 370 refereed journal publications and his work received over 25,000 citations with an H factor of 84 (Google Scholar).

Web Page 1: http://ceas.uc.edu/chemical-environmental-engineering/Dr_Dion_lab.html
Web Page 2: http://ceas.uc.edu/chemical-environmental-engineering/Dr_Dionysios_Dionysiou.html



Professor Dionysiou is currently a UNESCO co-Chair Professor on "Water Access and Sustainability" and a Herman Schneider Professor of Environmental Engineering at the University of Cincinnati. He teaches courses on drinking water quality, treatment and reuse, advanced unit operations for water treatment, advanced oxidation technologies, and physical-chemical processes for water quality control. Professor Dionysiou is leading several projects of local, state, national and international importance focused on water quality, treatment, reuse, and monitoring. His work encompasses surface water, groundwater, agricultural water, and industrial waters of complex mixtures. His research interests include (i) physical chemical processes for water treatment, (ii) urban water quality, (iii) advanced oxidation processes, (iv) UV and solar light-based remediation processes, (v) treatment of contaminants of emerging concern (i.e., pharmaceuticals and personal care products, biotoxins, heavy metals), (vi) remediation of Harmful Algal Blooms/cyanotoxins, (vii) environmental nanotechnology and nanosensing, (viii) water-energy-food (WEF) nexus, and (ix) water sustainability. Several of his current projects are focused on the treatment, sensing and monitoring of cyanotoxins formed in freshwater aquatic systems such as Lake Erie and several inland lakes and rivers in Ohio.