


<b>Despo FATTA-KASSINOS (Chair)</b>		
Function	Director	
Institution	<a href="#">Nireas International Water Research Centre</a> (University of Cyprus)	
Email	dfatta@ucy.ac.cy	
Phone	+357 22 89 3515	
Direction	Water / wastewater treatment and reuse; contaminants of emerging concern; antibiotic resistance; advanced chemical oxidation processes; physicochemical and biological treatment; chromatographic analysis; effect-based analysis; contaminants' uptake by crops.	
<b>Areas of expertise</b>		
<p>The overlying goal of her research is the development and application of advanced chromatographic methods for the identification of microcontaminants and of their transformation products (TPs) in environmental samples, the assessment of their potential biological potency through the application of bioassays (e.g. toxicity, mutagenicity, estrogenicity, etc.), the design and evaluation of advanced treatment technologies for the removal of microcontaminants including antibiotic-resistant bacteria and resistance genes (ARB&amp;ARG) from urban wastewater, and the assessment of their potential to be taken up by crops through agricultural reuse.</p>		
<b>Professional Background</b>		
<p>Dr. Despo Fatta-Kassinos (h-index: 36, citations: 6433 (Google scholar)) is an Associate Professor of the Department of Civil and Environmental Engineering and the Director of Nireas-International Water Research Center (Nireas-IWRC) at the University of Cyprus (UCY). Since 2011, she directs and coordinates all the scientific and administrative activities of Nireas-IWRC, which is the first Water Research Centre in Cyprus, and is very active in the research area of water and wastewater treatment, management and reuse. Since 2003, she has attracted more than 11 million EUR in research funds (from national and European funding agencies). She has published 116 journal papers (while more are in preparation), 110 conference papers, various chapters in book series, edited one book on the "Xenobiotics in the Urban Water Cycle" by Springer (which is one of the very first and most popular books in the field), while two others books entitled "Wastewater Reuse and Current Challenges" and "Advanced Treatment Technologies for Urban Wastewater Reuse" in "The Handbook of Environmental Chemistry Series" have been published by Springer. In 2012, she received Nikos Symeonides 2011 National Research Award by the Cyprus Research Promotion Foundation. She is Editor of Journal of Environmental Chemical Engineering, Elsevier and also a member of the NORMAN Association and the leader of its Working Group 5 "Wastewater reuse". She is the Chair of the European COST Action NEREUS ES1403, "New and emerging challenges and opportunities in wastewater reuse". She is also the Coordinator of the ANSWER project "Antibiotics and mobile resistance elements in wastewater reuse applications: risks and innovative solutions" (H2020-MSCA-ITN-2015/675530) (with budget: 3.7 M€). She serves on numerous research evaluation panels (e.g. National Research Funding Agencies from Europe, Middle East, North Africa, Canada, USA, the European Science Foundation and the European Commission).</p>		