Associate Prof. Despo Fatta-Kassinos

Dr. Despo Fatta-Kassinos is an Associate Professor in the Department of Civil and Environmental Engineering and the Director of Nireas-International Water Research Center (Nireas-IWRC) of the University of Cyprus (UCY). She received her PhD from the School of Chemical Engineering of the National Technical University of Athens, Greece. She is the Editor of the Journal of Environmental Chemical Engineering, Elsevier and the leader of the Working Group 5 'Wastewater reuse' of NORMAN Association. She is the Chair of the COST Action ES1403 'New and emerging challenges and opportunities in wastewater reuse (NEREUS)' (2014-2018), the Coordinator of the European project ANSWER entitled 'Antibiotics and mobile resistance elements in wastewater reuse applications: risks and innovative solutions' (H2020-MSCA-ITN-2015/675530), and the Chair of the Scientific and Technological Advisory Board of the European Joint Programming Initiative 'Water Challenges for a Changing World'. She has 127 peer-reviewed scientific publications in SCI journals and 160 conference papers. She has co-edited various environmental books published by Springer, and she has coordinated/participated in more than 50 research projects (European and national research projects). Her research activities focus on: (i) advanced chromatographic methods for the identification of microcontaminants and of their transformation products in environmental matrices, (ii) the assessment of their potential biological potency through the application of bioassays, (iii) the design and evaluation of advanced treatment technologies for the removal of microcontaminants including antibiotic-resistant bacteria and resistance genes from urban wastewater, and (iv) the assessment of their potential to be taken up by crops through agricultural reuse. She serves on numerous scientific evaluation panels (e.g. National Research Funding Agencies from Europe, Middle East, Asia, Canada, USA, the European Science Foundation, the European Commission). According to Google Scholar her h-index is 41 with more than 8900 citations.