



UNIVERSITÀ
POLITECNICA
DELLE MARCHE



Dipartimento
di Scienze
e Ingegneria
della Materia,
dell'Ambiente
ed Urbanistica
SIMAU

**Seminar of *ENVIRONMENTAL ENGINEERING* @ SIMAU
Department – Marche Polytechnic University - 5 OTTOBRE 2018**



Eng. GIANLUIGI BUTTIGLIERI, Research Scientist at Catalan Institute for Water Research and Visiting Professor in Sanitary and Environmental Engineering at Università Politecnica delle Marche

The focus of his research is on the fate of organic micropollutants in the environment and in wastewater treatment plants (conventional activated sludge systems, enriched and pure strain biomass membrane bioreactors, wetlands, advanced oxidation systems, pool water disinfection) as well as on membrane bioreactor systems, fouling of membranes and decision support systems and, more recently, on water reuse and circular economy issues. MSc in Environmental Engineering (2004) and PhD in Sanitary and Environmental Engineering (2008) from Politecnico di Milano, Italy. Since 2010, as postdoctoral fellow at ICRA, he established the multidisciplinary research line on organic micropollutants (pharmaceutical, endocrine, UV filters, Watch List compounds) monitoring in the environment and removal by means of different treatment technologies. Since January 2016 he is research scientist (Ramón y Cajal) at ICRA. He was the scientific manager of the European project demEAUmed (FP7 2014-2017) and currently involved in European and Spanish research projects.

9.00-11.30 Room 160/3 "Fate of organic micropollutants in water and wastewater: monitoring and removal by means of treatment technologies"

Seminar targeted to master students in Civil and Environmental Engineering – Water Utilities and Water Professionals, Open to all students / PhD students / Researchers in water science and engineering

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