PROF. EZIO RANIERI
CURRICULUM VITAE ET STUDIORUM

1. University profile and career

· 18.7.1966 Born;
· 15.02.1990 Degree in Hydraulic Engineering cum laude, at the Faculty of Engineering of University of Bari; Advisors Prof. Boari and Prof. Damiani.
· 1990 - 1991 voluntary assistant, Dept of Water Engineering;
· 1991 - 1994 PhD in Environmental Engineering (VI cycle) at the Department of Hydraulic Engineering of the Polytechnic of Milan.
· 1994 - 1996 Full Time Researcher in the International Joint Research Project, n° CT 940010, EU financed Avicenne Programme
· 01.03.96 - 01.03.2001; Engineer and Chief Engineer at the Presidence of Council of Ministers, Hydrological Service, Rome and Bari.
· from 01.03.2001 researcher in Environmental and sanitary Engineering (SSD ICAR/03) at the Faculty of Taranto of the Polytechnic of Bari;
· From 1.10.2018 Associate Professor at the University of Bari in Environmental Engineering.

2. Academics

· 2001-2002; 2002-2003; 2003-2004; 2004-2005; 2005-2006; 2006-2007; 2007-2008; 2008-2009; 2009-2010; 2010-2011; 2011-2012; 2012-2013; 2013-2014; 2014-2015: Course of Environmental and Sanitary Engineering; Faculty of Engineering of Taranto, Polytechnic of Bari.
. 2013-2014; 2014-2015-today: Course of Environmental and Sanitary Engineering; School of Medicine, Degree in Technician for the Prevention in man-labour environment, University of Bari.
.2013-2014; 2014-2015-today: Course of Environmental and Sanitary Engineering; School of Medicine, Master Degree in Science for the Prevention in Sanitary Professions. University of Bari.
· 2001-2002; 2002-2003; 2003-2004: Full Course of Environmental and Sanitary Engineering, old regulation; Faculty of Engineering of Taranto, Polytechnic of Bari.
· 2004-2005; 2005-2006; 2006-2007; 2007-2008: Course of Design and Management of water treatment plant; Faculty of Engineering of Taranto, Polytechnic of Bari.
· 2003-today. PHD Courses in Remedial sites and wastewater treatment;
· 2006 Excellence PHD Advisor (XVIII cycle) in Engineering of Environment and Territory; Faculty of Engineering of Taranto, Polytechnic of Bari.
· Advisor for 100 Degree Thesis;
2010-2011-today. Professor of Environmental and Sanitary Enginering at the WEB University "UNINETTUNO" for RAI TV National programs.

3. Scientific Activity

- Clariflocculation, ozonation; and PAC Adsorption of dye wastewaters;
- Water Disinfection:

Drinking water
wastewater and reuse
fluidodynamics

- Constructed wetlands
- Phytoremediation/phytoextraction
- Chlorites and NOM removal in drinking water treatment plants.
- thermal waste processes,
- waste to energy
- wastewater treatment

1995 - Joint national research project "Urban Drainage" , Dept Water Engineering;
2001 - Joint italial-russian research project: "remedial sites in Russia"
2001 - Prin project: Nitrate pollution control program in water bodies; Prof. Mancini Scientific Coordinator;
2003 - Prin project: "PRBs for contaminated groundwater remedial"
Prof. Manassero Scientific Coordinator;
2007-2009 - Explorative research project - Apulia Region and Polytechnic of Bari funded -: COWMAN "Constructed Wetland for metal and organics removal. Evaluation of full scale applicability in Apulia". Scientific coordinator.

2009-2012 - Prin project: "Survey on the presence of pharmaceutical compounds in raw municipal wastewater and after different stages of treatment facilities in medium to large. Definitions of guidelines in view of reuse". Scientific director of the Research Unit of the University of Bari of the project.
2019-2021 PON "Taranto" National Ministery Program Project on thermal waste processes, waste to energy and wastewater treatment

Author of more 100 papers on international Research Journal on thermal waste processes, waste to energy and wastewater treatment

4. Honors and Awards

· Committee member of the executive Council of DICATECh of the Polytechnic of Bari;
· Referee of reference on behalf of the International Water Association (IWA);
· Coordinator of research activities between the Polytecnic of Bari and the Department of Civil and Environmental Engineering of the University of California at Davis, from 2006;
· Invited Seminarist at the Civil and Environmental Engineering at UCD at Davis, february 2006 and October 2007;
· Invited Seminarist at the University Salgado de Oliveira de Bahia, October 2012;
· Invited Professor at the University of Cranfield (UK), August 2013;
· Invited Seminarist at the Federal University of Vicosa, October 2012;
· Scientific Director and coordinator of the Inter-institutional Agreement between the DICATECh of the Polytechnic of Bari, and the Federal University of Vicosa - Minas Gerais (Brazil).

· Scientific Director and Coordinator of Institutional between Politecnico di Bari and FESPSP-Fundação Escola de Sociology and Política de São Paulo for the management of solid waste and the feasibility study for the waste management plan in São Bernardo;
· Member of specialist Group: "Water Reuse" and "Large Wastewater Treatments Plants" of the International Water Quality Association (IAWQ) from 1993;
· Member from 1995 and coordinator from 2001 of Taranto and Bari section of ANDIS;
· Member of the AEESP (Association of Environmental Engineering and Science Professors);
· Member of the GITISA (Group of Environmental Engineering) from its establishment;
· Member of the Disinfection Committee of the Water Environment Federation (WEF-USA) from 1996;
· Member of the IWSA Disinfection Committe from 1996;
· Referee for Water Research;
· Referee for Water Science and Technology;
· Referee for Water Resource Research;
· Referee for Environmental Engineering Science
- Referee for Journal of Environmental Management;
- Referee for Journal of Ecological Engineering
- Referee for Bioresource Technology;
- Referee for Science of the Total Environment.