

## SESSION 42

### Climate change and environmental challenges

FRIDAY 20 SEPTEMBER

16:45 – 19:30 CEST (Central European Summer Time)

White Room  
1° floor

#### Opening

**16:45** Welcome from Pavlos Tyrologou (EFG), Ludovica Bellani (Polytechnic University of Turin)

#### Presentations

- 16:50** Enhancing Sustainable Growth through Energy Management in the Municipality of Quezon, Bukidnon, Philippines  
*John Michael Villardo (Pollution Control Association of the Philippine)*
- 17:05** High concentration of odor waste gas was important for the maintenance of a deodorant microbial community of Biological trickling deodorant tower  
*QiuLi Wang (Aquatic Technology Center, China)*
- 17:20** Harmony and Hazard on the Plate: Unraveling Endocrine Disruptors in Global Diets  
*Prachi Gupta (Independent researcher)*
- 17:35** Direct spectrofluorimetric method for analysis of phenothrin and permethrin insecticides in Senegalese surface and groundwater  
*Thiaré Diène Diégane, Astou Ndiaye, Atanasse Coly (Université Cheikh Anta Diop, Sénégal) Philippe Giamarchi (Université de Bretagne Occidentale (UBO))*
- 17:50** A Global Assessment of Climate Change Education and Education For Sustainable Development  
*Hacer Aksungur Zengin, Emine Didem Evci Kiraz, Belgin Yildirim (Adnan Menderes University)*
- 18:05** Study and optimization of continuous regeneration of the catalyst CR-401 for catalytic reforming  
*Ould Brahim Insaf, Merdas Mohamed El Amine, Belkhen Islem (USTHB)*
- 18:20** Microalgae biorefinery for a greener economy  
*Pierluigi Giacò, Costanza Baldisserotto, Natasha Damiana Spadafora (University of Ferrara), Luisa Pasti Simonetta Pancaldi (Terra&Acqua Tech Laboratory), Sara Amadori, Ilaria Zanoni, Magda Blosi (National Research Council)*
- 18:35** Circular economy: challenging lessons  
*Daniela Lud (Rhein-Waal University)*
- 18:50** SMART4ENV Project: Enhancing the Scientific Capacity of TUBITAK MAM in the Field of Smart Environmental Technologies For Climate Change Challenges  
*Selda Hocaoglu, Burcu Kiran, Sebnem Aynur (TUBITAK Marmara Research Center), Francesco Fatone (Marche Politechnical University), Salas, S.P. (Fundacio Universitaria Balmes), Maletsky, Z. (Norges Miljo-Og Biovitenskaplige Universitet), Piccinetti, L (Sustainable Innovation Technology Services)*
- 19:05** Green Gutter as a Nature-Based Solution for Mitigation and Adaptation Strategy in Urban Environments  
*Ludovica Bellani, Fulvio Boano (Polytechnic University of Turin), Ole Schultz, Lineker Max Goulart Coelho (Technical University of Denmark)*
- 19:20** Panel discussion moderated by chairs
- 19:30** End of the session
- Register yourself in the Google form <https://forms.gle/iyxZob2YHCUvDLYU6>