

I Day of Conference 5.12.2022

Parallel session

As part of the waterCEmanagement project

“Water in Circular Economy - water reuse”

13.00-14.45 CET

Link to the Conference Programme: <https://www.greendeal-conference.eu/programme>

*Chair of the session: **Marzena Smol**, Mineral and Energy Economy Research Institute, Polish Academy of Sciences, Poland*

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Water-CE-management in practice – key role of water in the transformation process towards a circular economy (CE)

Rafael Casielles, BIOAZUL, Spain

Water reuse in Spain - good examples

Klara Ramm, EurEau & Chamber of Commerce Polish Waterworks, Belgium - Poland

Water reuse in Poland - good examples

Māris Kļaviņš, University of Latvia, Latvia

Water reuse in Latvia - good examples

Beata Szatkowska & Renata Tomczak-Wandzel, Aquateam COWI, Norway – Poland

Water reuse in Norway - good examples

Małgorzata Szlachta, GTK - Geological Survey of Finland

Water reuse in Finland - good examples

Ahmad Elmoll, Univesite Libanaise, Lebanon

Eco-innovative technology for wastewater treatment and reuse in Eastern Mediterranean region: Case of Lebanon

II Day of Conference 6.12.2022

Parallel session

“Energy and Raw Materials in Green Deal”

9.00-10.45 CET

[in English]

Chair of the session: **Sebastian Werle**, Silesian University of Technology, Poland
Majeeti Narasimha Vara Prasad, University of Hyderabad, India

Māris Klaviņš, Linda Ansone-Bertina, Lauris Arbidans, Una Celma, University of Latvia, Latvia

Progress at development of carbon capture technologies a tool to achieve carbon neutrality aims

Bartosz Sobik, SGH Warsaw School of Economics, Poland

Challenges related to Polish Energy Transition – technical, financial and social aspects

Irina Kliopova, **Ugnė Jomantienė**, Kaunas University of Technology, Lithuania

Energy efficiency opportunities in industrial sector: case study

Baibhaw Kumar, University of Miskolc, Hungary

Combined solar drying analysis of wood-chips, sawdust and pellets

Pinar Kocabey Çiftçi, Gaziantep University, Turkey

The Importance of Energy Efficiency Efforts for Textile Industry via Corporate Carbon Footprint Analysis

Serhii Kramskyyi, State Organization “Institute of Market and Economic & Ecological Researches of the National Academy of Sciences of Ukraine”, Ukraine

Analysis of trends of the relevant market on the example of the eggs and egg products market in the post-war time

III Day of Conference 7.12.2022

Parallel Session

“Pollutants and micropollutants in Environment”

10.45-12.45 CET

[in English]

Chair of the session: **Māris Klaviņš**, University of Latvia, Latvia

Edyta Kudlek, Silesian University of Technology, Poland

Decomposition of organic micropollutants under the influence of solar radiation

Kaouthar Benahdach, **Aoulad El Hadj Ali Youssef**, **El Laghdach Anas**, **El Mail Rachad**, Abdelmalek Essaâdi University, Morocco

Removal of congo red from aqueous solution using activated carbon based pomegranate peel

Magdalena Zabochnicka, Czestochowa University of Technology, Poland, **Magdalena Osial**, Insitute of Fundamental Technological Research, Polish Academy of Sciences, Poland, **Paweł Rydelek**, University of Warsaw, Poland, **Giovanna Cappai**, University of Cagliari, Italy, **Ewa Falkowska**, **Anna Bąkowska**, University of Warsaw, Poland, **Maria Włodarczyk-Makuła**, **Mariusz Kowalczyk**, Czestochowa University of Technology, Poland

Sorption of zinc by hydrochar made of spent coffee grounds toward circular economy

Marta Gmurek, Lodz University of Technology, Poland

Toxicity Assessment Of Contaminants Of Emerging Concern After Photochemical Treatment

Rupak Kumar, The Central Drugs Standard Control Organisation(CDSCO), India

Low-cost adsorbent for the removal xenobiotic pollutant morpholine: a proof of concept

Sanaa El Aggadi, **Mariam Ennouhi**, **Amale Boutakiout**, **Abderrahim El Hourch**, Mohammed V University, Morocco

Electrocatalytic Decomposition of Reactive Yellow 14 by Fe/C-Doped Lead Dioxide Modified Anode

Wiktoria Piątek-Golda, **Justyna Sulej**, **Monika Osińska-Jaroszuk**, Maria Curie-Skłodowska University, Poland

Antimicrobial properties of lactobionic acid

Yusra Taoudi, **Mohamed Akouibaaa**, **Hicham Oudghiri Hassani**, **Souad Rakass**, Sidi Mohamed Ben Abdellah University, Morocco, **Mostafa**

Abboudi, Taibah University, Saudi Arabia, **Brahim El Bali**, **Independent Scientist**, **Oujda**, Morocco, **Mohammed Lachkar**, Sidi Mohamed Ben Abdellah University, Morocco

Synthesis, Characterization and Catalytic performance of Copper Molybdate $CuMoO_4$

Lata Rani, Jyotsna Kaushal, Arun Lal Srivastav, Chitkara University Himachal Pradesh, India

Modified biochar as efficient adsorbent for the removal cadmium from water