



Scientific Sessions – Thursday 12.10.2023

10.00 – 12.30 Session 1 – Environment – Climate Change

Chair: **Prof. Dimitrios MAVRAKIS**
Director of KEPA, BSEC – GEN

Co-chair: **Prof. Milton A. TYPAS**
National and Kapodistrian University of Athens

Opening

10.00 – 10.10 **(To be announced)**
Vice Rector of National and Kapodistrian University of Athens

10.10 – 10.20 **Mr. Robert SKINNER** (TBC)
Chief of UNAI (video)

10.20 – 11.00 UNAI Hubs for SDGs (TBC)

Presentations

11.00 – 11.20 **Ms. Aikaterini GKIKA (on line)**
National and Kapodistrian University of Athens, Dept. of Geology & Geoenvironment - Greece
“Best Practices for Emergency Response Planning & Distribution Power Grid Restoration following Extreme Weather Events”

11.20 – 11.40 **Mr. Konstantinos PANTAZIS**
GREEN - Center for Geography, Resources, Environment, Energy and Networks - Italy
«Energy communities in the EU: An analysis of existing financial mechanisms, enablers, and barriers»

11.40 – 12.00 **Ms. Evi MAKRI (on line)**
National Technical University of Athens, Greece
«Development gaps within the climate crisis and energy poverty»

12.00 – 12.20 **Ms. Judit KOCKAT**
Buildings Performance Institute Europe, Belgium
“Evaluating Building Stock Progress Monitoring regarding Decarbonisation: Insights from the EU Buildings Climate Tracker”

12.20 – 12.40 **Mr. Spiros KOUSOURIS (on line)**
Suite 5 Data Intelligence Solutions Limited, Cyprus



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“Addressing Energy Efficiency and Sustainability Challenges in the EU's Built Environment: A Data-Driven Approach”

12.40 – 13.00 **Dr. -Ing. Spartak POCARI (on line)**

Polytechnic University of Tirana, Albania

“Numerical and experimental study of the influence of the geometric shape of the blades on the noise level in the axial fan”

13.00 – 13.15 **Coffee Break**

Chair **Prof. Rauf ALIYAROV**

Director of Geotechnological Problems of Oil, Gas and Chemistry - Azerbaijan

Co-chair **Prof. Constantinos KARAGIANNOPOULOS**

National Technical University of Athens – Greece

13.15 – 13.35 **Prof. Haji MALIKOV**

Geotechnological Problems of Oil, Gas and Chemistry" Scientific Research Institute, Baku, Azerbaijan

“Modeling and physicochemical study of high-viscosity oils of Azerbaijan using fluids SCF CO₂-alkanes”

13.35 – 13.55 **Mrs. O.O. ALIYEVA (on line)**

Geotechnological Problems of Oil, Gas and Chemistry" Scientific Research Institute, Baku, Azerbaijan

“Using Solar Energy for Desalination of seawater by mebrane distillation method”

13.55 – 14.15 **Mr. N. N. SHIKHKARIMOV (on line)**

Geotechnological Problems of Oil, Gas and Chemistry" Scientific Research Institute, Baku, Azerbaijan

“Autonomous biogas installation under Azerbaijan conditions”

14.15 – 14.35 **Mr. Andi HIDA**

Polytechnic University of Tirana, Albania

“Impact of the distributed resources on the power quality indicators of the distribution network, A Case Study in Korça”

14.35 – 14.55 **Dr. - Ing. Luis LAMANI**

Polytechnic University of Tirana, Albania

“An electricity consumption forecasting model for Albania based on the LSTM artificial neural network”



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- 14.55 – 15.15 **Ms. Elio VOSHTINA**
Polytechnic University of Tirana, Albania
“Coordination of strategies and different approaches used in power system balancing, A Case Study Albania-Kosovo”
- 15.15 – 15.35 **Dr. Gentian DUME**
Polytechnic University of Tirana, Albania
“Total harmonic distortion of the electrical power generated from PV power plant online measurement virtual instrument”
- 15.35 – 15.55 **Dr. Alfred PJETRI**
Polytechnic University of Tirana, Albania
“Study and evaluation for maintenance and planning strategy of distribution power transformers in Albania”
- 15.55 – 16.15 **Prof. Said CHKIR (To Be confirmed)**
Damascus University, Syria
«Height effect on the aerodynamic behavior of an airborne wind turbine»
- 16.15 – 16.35 **Mrs. Helena Johanna VAN NIEKERK (To Be confirmed)**
University of South Africa, South Africa
«Zambezi River Basin: Impacts of climate change on the water-energy nexus»
- 16.35 -16.55 **Dr. Lindani NCUBE (To Be confirmed)**
University of South Africa, South Africa
«An evaluation of diagenesis processes and impacts on the reservoir quality of Early-Late Permian sandstones of the petroleum bearing Main Karoo Basin, South Africa: Implication for hydro-carbon energy nexus»
- 16.55 – 17.05 Closing “Scientific Sessions”
- 20.00 – Dinner

