

# Scientific Program



International E-Conference on

# GEOLOGICAL

AND ENVIRONMENTAL SUSTAINABILITY

**December 14-15, 2020 | Webinar** 

Theme:

The Advancing Science for a Sustainable Future

## Day 1 | December 14, 2020

09:00-16:10 London Time



#### Moderator

Mr. John Surendran, International Scientific Coordinator, United Research Forum



#### Moderator

**Dr. Fabrizio Ambrosino,** Post-Doc Researcher at Department of Mathematics and Physics -University of Campania "Luigi Vanvitelli"-Caserta, Italy

**Opening Remarks** 

#### **Keynote Session**



Title: Evaluating the diurnal variability of NCMRWF model precipitation

Dr. D Rajan, NCMRWF, Ministry of Earth Sciences-India

09:00-09:40

### Speaker Session



Title: Continuous radon monitoring during seven years (2011-2017) of volcanic unrest at Campi Flegrei caldera (Southern Italy)

**Dr. Fabrizio Ambrosino,** Post-Doc Researcher at Department of Mathematics and Physics-University of Campania "Luigi Vanvitelli"-Caserta, Italy

09:40-10:20



Title: The value of monitoring data in a process community education implementation and evaluation

Mr. Amans Ntakarutimana, Researcher at the School of Health Sciences, University of Rwanda-Rwanda

10:20 -10:50



10:50-11:10

Title: Effects of different types of Fertilizers on the Radioactivity in farm soil in Iraq

**Dr. Mostafa Yuness Abdelfatah Mostafa,** Lecturer PhD at Physics Department, Faculty of Science, Minia University, Minia, Egypt; Post-Doc at experimental Physics Department,FTI, Ural Federal University, Mira St.19, 620002 Yekaterinburg, Russia

Title: Comparing the integration of Concentrated Solar Power with Thermal Energy Storage to Utility-scale Photovoltaic with battery storage in the Moroccan Renewable Energy Mix: Design, Dispatch and Optimal Mix analysis

**Miss. Ayat-allah Bouramdane,** PhD Student at Laboratoire de Météorologie Dynamique of Ecole Polytechnique (Palaiseau, France)



#### Refreshment Break 11:40-11:50

#### **Speaker Session**



Title: The concept of cosmo-bio-economy and models of collaborative sustainable development

Dr. Otilia MANTA, Romanian Academy- CFMR and Romanian American University

11:50-12:10



Title: Flood Discourse in Ghana: Identification of Naturally Susceptible Urban Areas in Greater Accra Metropolitan Area, Ghana

**Mr. Anthony Kwabena Sarfo,** Teaching and Research Assistant, KNUST. He is a member of the network of excellence in land governance in Africa

12:10-12:40



Title: The Economy for the Common Good in the community scope

Dr. Luis Campos Saavedra, PhD reseracher -Spain

12:40-13:10

#### **Keynote Session**



Title: Sustainable Engineering: A Central Driver for Sustainability

**Dr. Marc A. Rosen,** Faculty of Engineering and Applied Science ,University of Ontario Institute of Technology, Canada

13:10-13:50



Title: Discovery: Reduction in photosynthesis correlation to carbon dioxide increase

**Dr. David (Dave) White,** Chemical Engineer with Masters studies in Statistics, currently working on Climate Change

13:50-14:30



Title: Analyzing the Role of Vessel-Based Tourism on Masking on Antarctic Humpback Whales: A Petition for Management Solutions for Underwater Noise and Regulation of Antarctic Tourism

Dr. Claire Atkins-Davis, Duke University Marine Lab, Beaufort NC, USA

14:30-15:00



Title: Iron based nanomaterials for cadmium (II) immobilization in water and soil

Mr. David Esteban Carchi Maurat,

15:00-15:30



Title: Climate Change, Covid-19 and Their Effect on Energy's Future

**Dr. Ray Leonard is President of Anglo Eurasia LLC,** a consulting firm for the Energy and Power Industry

15:30-16:10

**Closing Session** 

**End of Day** 



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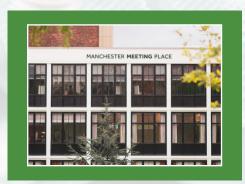
**International Conference on** 

## **GEOLOGICAL AND ENVIRONMENTAL SUSTAINABILITY**

## **VENUE**



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