



**ICGES 2020**

E-CONFERENCE | UNITED RESEARCH FORUM | UK  
DECEMBER 14-15, 2020

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



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

**Dr. Mostafa Yunes 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

**10:50-11:10**



**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)

**11:10-11:40**

**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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**GEOLOGICAL AND ENVIRONMENTAL SUSTAINABILITY**  
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