

2nd International E-Conference on

# Geological and Environmental Sustainability

*Theme: Exploring the recent trends in the field of Geoscience for futuristic advancements*

July 29-30, 2021 | GMT (London Time)

09-00 to 15.30



## UNITED RESEARCH FORUM

1-75 Shelton St, Covent Garden,  
London WC2H 9JQ,  
United Kingdom  
[contact@urforum.org](mailto:contact@urforum.org)  
+44-744-880-8243

### CONTACT US

[contact@environmentalresearchforum.com](mailto:contact@environmentalresearchforum.com)  
+44-786-728-7612



**ICGES 2021**  
JULY 29-30, 2021 | WEBINAR

## Geological and Environmental Sustainability

## Day 1- July 29,2021

9:00 - 9:10 Introduction

## Keynote Presentations

9:10 - 9:50 Societal sustainability in the context of current climate change  
**Otilia MANTA**, Scientific Researcher, Romanian American University, Romania

9:50 - 10:30 AVM inhibits NETs release via negatively regulating the PI3K-ERK pathway and reducing respiratory burst in carp  
**Shufang Zheng**, Northeast Agricultural University, China

## Speaker Presentations

10:30 - 10:55 Polymer flooding with time-varying injectivity comparing with plugging impact on the reservoir  
**Mahamat Tahir Abdramane Mahamat Zene**, China University of Petroleum (East China), China

10:55 - 11:20 Impact of Geogenic Contamination on Quality of Water in Industrial areas of Sirgitti in Bilaspur District in Chhattisgarh  
**Renu Nayar**, D.P.Vipra College , India

11:20 - 11:45  
**Tuhin Ghosh** Jadavpur University, India

11:45 - 12:10 Defending lives and housing against lava flows:theory, experiments and field observations  
**Herbert Huppert**, University of Cambridge, UK

## Break (12.10-12.25)

12:25 - 12:40 Mechanisms of the relationship between the mobility of artificial radionuclides and the mineral and geochemical properties of the Yenisei River sediments  
**Lydia Bondareva**, Leading Researcher, Russia

12:40 - 13:05 3D Hydrodynamic Modelling Enhances the Design of Tendaho Dam Spillway  
**Getnet Kebede Demeke**, Addis Ababa University, Nigeria

13:05 - 13:30 Otolith chemistry reveal that coastal lagoons are not the only suitable habitats with a nursery role for Sparus aurata  
**Sanja Matić-Skoko**, Institute of Oceanography and Fisheries, Croatia

13:30 - 13:55  
**Hamid Hashemi**, Iran

## Break (13.55-14.05)

## Keynote Presentations

14:05 - 14:45 Climate Change and the Energy Transition 2021-2030: A Reality Check  
**Ray Leonard**, President of Anglo Eurasia LLC, USA

14:45 - 15:25 Discovery: Reduction in photosynthesis correlation to carbon dioxide increase  
**Dave White**, Climate Change Truth Inc, USA

15:25 - 15:30 Closing Day 1

## End of the Day

## Geological and Environmental Sustainability

## Day 2- July 30, 2021

11:00 - 11:10 Introduction

## Keynote Presentations

11:10 - 11:50 Modelling of greenhouse gas emission risk from forest fires for an active forest fire prevention and climate change mitigatio

**Victoria Lerma Arce**, University Institute of Information and Communication Technologies, Spain

11:50 - 12:30 Paraquat causes CIK cell apoptosis and programmed necrosis in a dose-dependent manner through oxidative stress/NF-κB pathway

**Shi Xu**, Northeast Agricultural University, China

## Speaker Presentations

12:30 - 12:55 Mercury overloads in domestic water and the renal toxicity

**Raafat Mandour**, Mansoura University, Egypt

12:55 - 13:20 Conducting Geospatial Research in Contemporary Times: Unraveling Inherent Challenges and Bottlenecks.

**Anthony Kwabena Sarfo**, Director, Spaceplan Research and Geospatial Technologies, Ghana

13:20 - 13:45 Problematic groundwater contaminants: impact of surface and ground water quality on the environment in ebocha-obrikom oil and gas producing area of rivers state, Nigeria

**Raimi Morufu Olalekan**, University of Port Harcourt, Nigeria

13:45 - 13:50 Closing Day 2

End of the Day