

*Webinar on*

# ENVIRONMENTAL SUSTAINABILITY AND CLIMATE CHANGE

NOVEMBER 09-10, 2020 | GMT (LONDON TIME)

THEME: "EMERGING ISSUES ON CLIMATE CHANGE  
AND ENVIRONMENTAL SUSTAINABILITY"

**Coalesce Research Group**  
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# Scientific Program

Webinar on

## Environmental Sustainability and Climate Change

**Monday**  
**Nov 09, 2020**

Day 1 - November 09, 2020

### Introduction

### Oral Presentations

- |               |   |
|---------------|---|
| 10:00 - 10:30 | Next generation recycling process by using "Intelligent Comminution" and "Intelligent Sorting"<br><b>Shuji Owada</b> , Waseda University, Japan                               |
| 10:30 - 11:00 | A study on the reuse of Municipal Solid Waste Incineration (MSWI) bottom ash coated with zinc oxide nanocomposites<br><b>Goh Chee Keong</b> , Republic Polytechnic, Singapore |
| 11:00 - 11:30 | Titicaca Lake evaporation modelling in climate change scenarios<br><b>Ramiro Pillco-Zolá</b> , Universidad Mayor de San Andres, Bolivia                                       |

### Keynote Presentation

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| 11:30 - 12:15 | Discovery: Reduction in photosynthesis correlation to carbon dioxide increase<br><b>Dave White CH E</b> , Climate Change Truth Inc., USA |
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### Poster Presentations

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|---------------|---|
| 12:15 - 12:30 | Ecological Economics and Sustainability<br><b>Paul A Comet</b> , Comet Environmental Consulting, USA  |
| 12:30 - 12:45 | Environmental health assessment of the Gulf of Riga using biomarkers in amphipod <i>Monoporeia Affinis</i><br><b>Evita Strode</b> , Latvian Institute of Aquatic Ecology (LIAE), Latvia |
| 12:45 - 13:00 | Novel Ecosystems: Towards climate change adaptation and resilience in cities<br><b>Catarina Patoilo Teixeira</b> , University of Porto, Portugal  |

### Oral Presentations

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|---------------|--|
| 13:00 - 13:30 | "Can I 'stay steady' and 'farm smart'?" The challenges of climate change for West Texas wheat farmers<br><b>Sara E Alexander</b> , Baylor University, USA  |
| 13:30 - 14:00 | Environmentally-friendly thermal and acoustic insulation materials from recycled fabrics<br><b>Gajanan S Bhat</b> , University of Georgia, USA   |
| 14:00 - 14:30 | Green-Infrastructure Microbial Fuel Cells to increase city sustainability<br><b>Nastro Rosa Anna</b> , Parthenope University of Naples, Italy  |
| 14:30 - 15:00 | Using MaxEnt modeling to predict the climate change impacts of endemic and endangered vascular plant species<br><b>Mauro Fois</b> , University of Cagliari, Italy  |
| 15:00 - 15:30 | Energetic and reproductive condition analysis of European sardine during the spawning season from three Mediterranean water bodies<br><b>Marta Caballero-Huertas</b> , University of Girona, Spain                           |
| 15:30 - 16:00 | Potential relationships between parasitism, condition and water temperature in sardines along the Catalan Coast<br><b>Xenia Frigola Tepe</b> , University of Girona, Spain   |
| 16:00 - 16:30 | The development of innovative and smart air conditioning system for hot/dry and hot/humid climates<br><b>Esam Elsarrag</b> , CEO beGREEN Global, UK  |
| 16:30 - 17:00 | An awareness of the health effects of climate change by high school students: Implications for teaching and learning of environmental education<br><b>Adejoke C Olufemi</b> , Tshwane University of Technology, South Africa |

End of Day 1 Sessions

# Scientific Program

Webinar on

## Environmental Sustainability and Climate Change

**Tuesday**  
**Nov 10, 2020**

Day 2 - November 10, 2020

### Introduction

### Oral Presentations

09:30 - 10:00	Quantifying the effects of general waste reduction on Greenhouse-Gas emissions at public facilities <b>Hoda Karimipour</b> , Western Sydney University and Blacktown City Council, Australia
10:00 - 10:30	Carbon footprints of migrants in China <b>Rui Wang</b> , Beijing Normal University, China
10:30 - 11:00	Simplified methodology to assess carbon footprint from industrial sources <b>Hussein Hoteit</b> , King Abdullah University of Science and Technology, Saudi Arabia
11:00 - 11:30	Degradation of glaciation of the slopes of Caucasus Mountains in Russia due to climate change <b>Mukhtar Yusubovich Bekkiev</b> , High-mountain Geophysical Institute (Nalchik), Russia
11:30 - 12:00	Identifying algal-bloom 'hotspots' <b>Maryam Rashed Al-Shehhi</b> , Khalifa University of Science and Technology, UAE
12:00 - 12:30	Synthesis and catalytic applications of polymer microgel embedded with silver nanoparticles <b>Muhammad Siddiq</b> , Quaid-i-Azam University, Pakistan
12:30 - 13:00	Corncob biochar nano-fertilizer synthesis, characterization and slow-release nutrient studies for sustainable agriculture <b>Rabia Nazir</b> , Pakistan Council of Scientific and Industrial Research Laboratories Complex, Pakistan
13:00 - 13:30	Effect of alterations in water quality parameters on evoking of bacterial diseases in aquatic environment <b>Manal Moustafa Zaki</b> , Cairo University, Egypt
13:30 - 14:00	The depollution of the whey rejected by the cheese industries using chemical, physical and microbiological methods <b>Islam AZZI</b> , Algiers 1 University, Algeria
14:00 - 14:30	Climate change and anthropological impact assessment on artificial wetlands <b>Carla Palencia-Aguilar</b> , Lund University, Sweden
14:30 - 15:00	Effect of biostimulation and bioaugmentation on RDX degradation in soil using water dispersible granules of <i>Kinneretia asachharophila</i> <b>Satyawati Sharma</b> , Indian Institute of Technology Delhi (IITD), India

End of Day 2 Sessions





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