

International Conference on Environmental Sustainability

and



Climate Change

August 28-29, 2020

Final Scientific Program

Day 01 - August 28, 2020

"BRITISH TIME - STARTS FROM 11:00 AM"

11:00 - 11:15

Opening Ceremony and Introduction

Oral Presentations

11:15 - 11:40

Title: Actinobacterial Endophytes: Partners for efficient crop production

Christopher Franco, Flinders University, Australia

11:40 - 12:05

Title: Soil microbial communities and enzyme activities in sea-buckthorn (*Hippophae rhamnoides*) plantation at different ages

Xuan Yu, Northwest A&F University, China

12:05 - 12:30

Title: Locational determinants of emissions from pollution-intensive firms in urban areas

Shukui Tan, College of Public Administration, Huazhong University of Science and Technology, China

12:30 - 12:55

Title: Current climatic conditions

J S Rao, Shivakumar P and Gopinath Chakkaravarthy, The Vibration Institute of India, India and Amrita Vishwa Vidyapeetham, India

12:55 - 13:20

Title: Plant-mediated nickel oxide nanoparticles: Application in waste water treatment for removal of endocrine-disrupting chemicals and microbes

Rabia Nazir, Pakistan Council of Scientific and Industrial Research Laboratories Complex, Pakistan

Break Time: 13:20 - 14:05

14:05 - 14:30

Title: The negative effects of high temperature on aftercrop Silage Maize: The case study of Siirt province of Turkey

Ali Beyhan UCAK, Siirt University, Department of Biosystem Engineering, Turkey

14:30 - 14:55 **Title: Preserving agricultural land and activities in the context of climate change and multiple other stressors: What can land use planning and strategic development planning for agriculture contribute? The example of Québec, Canada**

Christopher R Bryant, University of Montreal, USA

14:55 - 15:20 **Title: Eco-friendly valorization of the olive stone from regional olive oil industry with a catalytic microwave method**

Javier Cencerrero Fernandez Del Moral, Universidad de Castilla-La Mancha, Facultad de CC y TT Químicas, Spain

15:20 - 15:45 **Title: Sustainable synthesis of bio-based fuel additives through microwave-assisted esterification of biomass-derived levulinic acid**

Diego Jesus Gonzalez-Serrano, Universidad de Castilla-La Mancha, Facultad de CC y TT Químicas, Spain

15:45 - 16:10 **Title: Fundamentals of anthropology and ethics for a comprehensive ecology structure from the axis of sustainability**

José Luis Sánchez García and Ginés Marco Perles, Universidad Católica de Valencia, Spain

Break Time: 16:10 - 16:25

16:25 - 16:50 **Title: Climate change and urban development and the conservation of agricultural land resources and farming activities including food production**

Christopher R Bryant, University of Montreal, USA

16:50 - 17:15 **Title: Albedo changes drive 4.9 to 9.4°C global warming by 2400**

Gene Richard Heinze Fry, Northeast Utilities in Berlin, USA

17:15 - 17:40 **Title: Urban Clean Energy Infrastructure**

Merritt T Cooke, China Partnership of Greater Philadelphia, USA

17:40 - 18:05 **Title: Advances in energy hybridization for resilience: A sustainable approach to meet rural community needs**

Joseph D Smith, Missouri University of Science and Technology, USA

Certificate Felicitation and Closing Ceremony

Day 02 - August 29, 2020

"BRITISH TIME - STARTS FROM 12:00 PM"

12:00 - 12:05

Introduction

Oral Presentations

12:05 - 12:30

Title: Dark fermentation for hydrogen production using agro-food industry waste

Gema Sevilla Toboso, National Hydrogen Centre (CNH2), Spain

12:30 - 12:55

Title: Contribution of waste heat to the anthropogenic greenhouse effect

Maximilian Lackner, Faculty of industrial Engineering, University of Applied Sciences Technikum Wien, Austria

12:55 - 13:20

Title: Discovery: Reduction in photosynthesis correlation to atmospheric CO2 increase

Dave White C H E, Climate Change Truth Inc., USA

Break Time: 13:20 - 14:05

Poster Presentations

14:05 - 14:20

Title: Wickerhamomyces anomalus NN/BKS/N1 high potential aboriginal yeast strain isolated from "Chuwan"- a starter culture cake of fermented rice beer of Noatia tribe of Tripura

Nandita Nath, Tripura University, India

14:20 - 14:35

Title: CRISPR/Cas9-mediated VvPR4 editing decreases Downy Mildew Resistance in Grapevine (*Vitis vinifera* L.)

Guotian Liu, Northwest A&F University, China

14:35 - 14:50

**Title: The risk of climate change on river systems
Case study: Erzen river basin and its Delta in Lalzi Bay**

Monika (Burba) Hoxhaj, Department of Applied Geology, Geoformation and Environment, Faculty of Geology and Mine Polytechnic University of Tirana, Albania

Certificate Felicitation and Closing Ceremony

