



Intellect Conferences

WHERE GREAT MINDS MEET!

2nd Global Virtual Conference on Climate Change (Climate Conclave 2024)

June 24, 2024 | (US Eastern Time Zone)

June 25, 2024 | (US Eastern Time Zone)

LIVE CONFERENCE ON ZOOM



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Scientific Program

Day 1 June 24, 2024 08:00 - 14:50 (US Eastern Time)

08:00 - 08:20

Meeting (AV Check)

08:20 - 08:30

Opening Remarks and Introduction

Presentations



08:30 - 08:50

Title: Just decarbonization: Expanding and enriching just transition

Dr. Makoto Usami, Kyoto University, Japan



Keynote

08:50 - 09:20

Title: Breaking points: Places to reinvent the system

Dr. David Haley, Zhongyuan University of Technology, China



Keynote

09:20 - 09:50

Title: Scaling climate education: Worldwide climate and justice education week

Dr. David E. Blockstein, Bard College, USA

09:50 - 10:10

Break



10:10 - 10:30

Title: Nuclear energy as critical infrastructure in meeting the net zero challenge

Paul Murphy, Murphy Energy and Infrastructure Consulting, LLC, USA



10:30 - 10:50

Title: An improved meta-analysis for analyzing cylindrical-type time series data with applications to forecasting problem in environmental study

Dr. Sungsu Kim, University of Wisconsin-Green Bay, USA



10:50 - 11:10

Title: Climate change and public health nexus

Dr. Iris-Panagiota Effthymiou, University of Greenwich, UK



11:10 - 11:30

Title: Developing a more sustainable glass recycling system

Steve Whettingsteel, Krysteline Technologies Ltd, UK



Keynote

11:30 - 12:00

Title: Food security in Africa under a changing climate – Navigating the energy and agricultural transition to net zero without harming the poor

Dr. Kenneth Mark Strzepek, International Food Policy Research Institute, USA

12:00 - 12:20

Break



12:20 - 12:40

Title: The impacts of climate change on education and what to do about it

Sergio Venegas Marin, World Bank, USA



12:40 - 13:00

Title: Helping small CCUS go mega: Ensuring that CCUS is economically viable

Dr. Andrew R. Barron, Energy Safety Research Institute (ESRI), UK



13:00 - 13:20

Title: The fierce urgency of now: Transforming our narrative to transform our world

Dr. Jude Currivan, WholeWorld-View, UK



13:20 - 13:40

Title: Decarbonate scope-3 by recycling scope 1 and 2 emissions competitively: Opportunities, constraints, results

Jean-Louis Roux Dif Buisson, NeoCarbons, Switzerland



13:40 - 14:00

Title: Cooperation between geoscientists and artists can promote planet sustainability

Dr. Tiziana Lanza, Istituto Nazionale di Geofisica e Vulcanologia (INGV), Italy



14:00 - 14:20

Title: Amazon green deal: An urgent need for an innovative socio-bioeconomy of standing forests and flowing rivers

Dr. Carlos Afonso Nobre, University of Sao Paulo, Brazil



Keynote

14:20 - 14:50

Title: Water-activated carbon-capture: Insights from nanostructured to hybrid-integrated membranes

Dr. Richard J. Spontak, North Carolina State University, USA

End of Day - 1

Scientific Program

Day 2 June 25, 2024 08:00 - 12:50 (US Eastern Time)

Presentations



08:00 - 08:20

Title: The future of protein – How and what we will grow, make, and eat our protein

Eugene Y. Wang, Sophie's BioNutrients Pte Ltd, Singapore



08:20 - 08:40

Title: The effects of heat waves on infectious diseases

Dr. Yunus Ozturk, Turkish Ministry of National Education, Turkey



08:40 - 09:00

Title: Critical interactions between climate change and invasive species

Dr. Guy Franklin Midgley, Stellenbosch University, School for Climate Studies and Centre for Invasion Biology, South Africa



09:00 - 09:20

Title: Black swans, white swans and the purple transition

Dr. Simon P. Michaux, Circular Economy Solutions Unit KTR, Geological Survey of Finland, Finland

09:20 - 09:40

Break



09:40 - 10:00

Title: In search of factors that explain the impact of climate change on international trade

Dr. Alejandra Martínez-Martínez, University of Valencia, Spain



10:00 - 10:20

Title: Logistics - Green logistics 5.0: Support from foundational models

Dr. Bernardo Nicoletti, Temple University, Italy



10:20 - 10:40

Title: The role of renewable energy in urban and economic development: Insights from Urbana, Illinois, and Sistan, Baluchestan, Iran

Sepideh Azizi, University of Illinois Urbana-Champaign, USA



10:40 - 11:00

Title: Predicting financial losses and volatility from natural disasters: A novel model for risk management

Dr. Giuseppe Orlando, University of Bari, Italy

11:00 - 11:20

Break



11:20 - 11:40

Title: cKd-tree: A compact Kd-tree

Dr. Rodrigo Ariel Torres Aviles, Universidad del Bío-Bío, Chile



Keynote

11:40 - 12:10

Title: Infrastructure impact assessment through multi-hazard analysis at different scales under climate change scenarios

Dr. Sergio Cappucci, Italian National Agency for New Technologies, Energy and Sustainable Economic Development (ENEA), Italy



12:10 - 12:30

Title: From the RNA world to the unique second-order T-societies of modern humans: T-patterns, T-strings, and self-similarity

Dr. Magnus S. Magnusson, University of Iceland, Iceland



12:30 - 12:50

Title: Modeling the non-linear regularity of neutral networks of enzymes for the modulation of the impact of protein engineering to PET biodegradation in a logic of sustainable circularity

Gianlauro Casoli, University of Parma, Italy

End of Day - 2



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Speaker Representations

