

EGCCC  
2023

2<sup>ND</sup> EDITION OF

# EURO-GLOBAL CLIMATE CHANGE CONFERENCE

mg magnus  
group

**21-23**

**SEPTEMBER 2023**

**ONLINE EVENT**

## *Scientific* TOPICS

- Adaptation to Climate Change
- Advanced Statistical Tools and Methods in Climate Change
- Atmospheric and Marine Sciences
- Carbon Emission
- Cryospheric Science
- Climatological Disasters
- Geology and Earth Sciences
- Environmental and Resource Science
- Climate Ethics
- Forecasting
- Human Health
- Hydrology and Limnology
- Mitigation

For more topics, please visit: <https://magnusconferences.com/climate-change/program/scientific-sessions>

## *Our* OCM'S



MARTE GUTIERREZ  
University Transportation Center  
for Underground Transportation  
Infrastructure (UTC-UTI),  
United States



AZZEDDINE OUDJEHANE  
Southern Alberta Institute of  
Technology, Canada



GARETH B NEIGHBOUR  
School of Engineering &  
Innovation The Open University,  
United Kingdom



VLADIMIR CHIGRINOV  
Emeritus Professor, Hong  
Kong University of Science and  
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Foundation, India



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# TENTATIVE PROGRAM

## Keynote Presentations

|   |  |
|---|--|
| <b>Marte Gutierrez</b><br>Colorado School of Mines, United States                                 | Title: Computer simulation of CO2 geological sequestration in Smeaheia, Norway   |
| <b>Azzeddine Oudjehane</b><br>Southern Alberta Institute of Technology, Canada                    | Title: Achieving a carbon free built environment with circular economy   |
| <b>Gareth Neighbour</b><br>School of Engineering & Innovation The Open University, United Kingdom | Title: The Remarkable Story of Nuclear Graphite and its contribution towards achieving Net Zero  |
| <b>Vladimir Chigrinov</b><br>Hong Kong University of Science and Technology, Hong Kong            | Title: Liquid crystal photoalignment and photopatterning based on nanosize azodye layers   |
| <b>Virendra Goswami</b><br>Environment and Peace Foundation, India                                | Title: Application of artificial intelligence and remote sensing in tackling aggravated climatic challenges through correlational study of Ocean-Cryosphere interactions with climate variability by developing Numerical Ocean-Cryosphere climate variability predict |

*Keynote presentation slots are available*

## Oral Presentations

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| <b>Saurabh Paul</b><br>S&P global market intelligence, United States       | Title: Image super-Resolution for climate projections  |
| <b>Alexia Ross</b><br>CLASP, United States                                 | Title: Cooking up a catastrophe: Raising eu consumer awareness of health impacts of gas cooking                        |
| <b>Yara Elborolosy</b><br>Cooper Union, United States                      | Title: Irrigation and thermal buffering using mathematical modeling  |
| <b>Laura Calugaru</b><br>Industrial Waste Technology Center (CTRI), Canada | Title: Opportunities for waste recovery in mining industry   |
| <b>Dlzar Al Kez</b><br>Queen's University Belfast, United Kingdom          | Title: Navigating power system stability in the transition to 100% renewable energy: The impact of variable renewables |
| <b>Mercedes Burguillo</b><br>Universidad de Alcala, Spain                  | Title: The Influence of household characteristics on the purchase of clean cars. The case of Spain                     |
| <b>Gisela Cebrian Bernat</b><br>Universitat Rovira i Virgili, Spain        | Title: Sustainability competencies in education: Current trends, challenges and innovative initiatives                 |
| <b>Miaomiao Yin</b><br>Macquarie University, Australia                     | Title: Climate change mitigation and the role of Antarctic treaty system   |

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| <b>Giuliana Quattrone</b><br>CNR, Italy   | Title: Climate risks for human settlements: Adaptation and vulnerability  |
| <b>Maria Gabriela Meirelles</b><br>University of the Azores, Portugal   | Title: Climate change: The impact of rising temperatures on the reduction of global yield of the main cereal crops  |
| <b>Mansour Ghanian</b><br>University of Coimbra, Portugal   | Title: Typology of farmers in dealing with climate change; Evidence from Iran   |
| <b>Clara Ines Pardo Martinez</b><br>Universidad del Rosario, Colombia   | Title: Analysis of carbon markets and offset alternatives in the compliance and voluntary schemes to commercialise Colombian neutral coal   |
| <b>Efthymia Koliokosta</b><br>University of West Attica, Greece   | Title: Turning global warming into opportunity for digital nomads.  |
| <b>Rangel Elizabeth F</b><br>Oswaldo Cruz Institute, Brazil   | Title: Impacts of climate changes on human health   |
| <b>Arun Kumar Shandilya</b><br>Dr.HSG University, SAGAR, India  | Title: Tectonics, environment and climate change during Carboniferous- Permian-Triassic period.   |
| <b>Abhishek Banerjee</b><br>Northwest Institute of Eco-Environment and Resources Chinese Academy of Sciences, China | Title: Elevation-dependent warming and associated topo-climate impacts on snow cover dynamics in the Indus-Ganges-Brahmaputra river basin   |
| <b>Xinsho Zhang</b><br>Chongqing University, China  | Title: The impact of air pollution on global solar radiation  |
| <b>Arun K Shandilya</b><br>Dr.HSG University, India   | Title: Tectonics, environment and climate change during Carboniferous- Permian-Triassic period.   |
| <b>Seema Haribhau Jadhav</b><br>SGGSIE&T, India   | Title: Brawny hybrid FOF-PID with in MODA Controller in HEVS  |
| <b>Puran Joshi</b><br>Soban Sing Jeena University, India  | Title: Climate change and its impacts on rural areas of Central Himalaya: Some experiences from Almora district, Uttarakhand, India   |
| <b>Anirban Nandy</b><br>Siliguri Institute of Technology, India   | Title: Targeted marketing analytics as a medicine: Role of tribal farmers of sub-himalayan north Bengal in minimizing the GHG emissions.  |
| <b>H K Gupta</b><br>L. N. M. Infra Projects, India  | Title: Tackling aggravated climatic meteorological weather challenges through technology transmission (TACMWCT)   |
| <b>Athira P</b><br>College of Engineering, India  | Title: Implementation of architectural retrofits for enhanced energy efficiency in educational buildings: in the warm humid climate   |
| <b>Vijayan Gurumurthy Iyer</b><br>Bihar Institute of Public Administration  | Title: Environmental Health Impact Assessment (EHIA) process for the Bio-medical Indian chromium leather tanneries towards sustainable source specific, generic and specific industrial development |

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| <b>Venkateswara Rao Bekkam</b><br>PJTS Agricultural University Hyderabad,<br>India                              | Title: Raising of groundwater levels is the key for the rejuvenation of rivers  |
| <b>Ashanendu Mandal</b><br>University of Culcutta, India  | Title: Adsorptive Removal of pollutant phenol from wastewater using solid waste materials   |
| <b>Arvind Pagire</b><br>Indian Institute of Remote Sensing,<br>Dehradun, India                                  | Title: Extreme rainfall events over Himachal Pradesh using satellite based data:2000 to2021   |
| <b>Seema Haribhau Jadhav</b><br>S.G.G.S Institute of Research &<br>Technology, India                            | Title: Brawny hybrid FOF-PID with in MODA controller in HEVS  |
| <b>Manish Kumar</b><br>ACSIR-CSIR-NISCP, India  | Title: Environmental communication and public participation in digital age  |
| <b>Abhishek Banerjee</b><br>Institute of Eco-Environment and<br>Resources Chinese Academy of Sciences,<br>China | Title: Elevation-dependent warming and associated topo-climate impacts on snow cover dynamics in the Indus-Ganges-Brahmaputra river basin       |
| <b>Mahmoud Abd AlRahman Saad Mehany</b><br>Holding Company for Water and<br>Wastewater, Egypt                   | Title: Protection of ecosystem through the implementation of sanitation safety plan   |
| <b>Waleed Abbas</b><br>Ain Shams University, Egypt  | Title: Quantification of local/regional components of temperature change across the Nile Delta, Egypt   |
| <b>Sofwan Farisyi</b><br>Renewable Energy Creation Foundation,<br>Indonesia                                     | Title: Electric boats for fisherman as a substitute for fuel oil on The Belitung Island (Indonesia)   |
| <b>Mumtaz Joyo</b><br>Sindh Agriculture University, Pakistan  | Title: Estimation of climate change impacts on sugarcane productivity using Vector AutoRegression (VAR) economic model                          |
| <b>Hammad Ahmad Khan</b><br>University of Agriculture, Pakistan   | Title: Impacts of climate changes on the behaviour of four passerines in selected sites of central Punjab, Pakistan                             |
| <b>Karen Wendt</b><br>Sustainable Finance and SDG Economics,<br>Pakistan  | Title: The impact of carbon disclosure on the market value of financial industry companies  |
| <b>Arshad Ali Narejo</b><br>Horizontal and vertical Sindh Agriculture<br>University Tandojam, Pakistan          | Title: Dimensions of climate change: Horizontal and vertical  |
| <b>Muhammad Sarfraz</b><br>UET Lahore, Pakistan   | Title: Quest for high performance carbon capture membranes: fabrication of SAPO-34 and CNTs-doped polyethersulfone-based mixed matrix membranes |
| <b>Amir Ebrahimi</b><br>University of Birjand, Iran   | Title: Climate change effects on species of bovidae family in Iran  |

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| <b>Ahmad Behrouj Peel</b><br>Shiraz University, Iran (Islamic Republic of) | Title: Climate change in a mountainous region with high spatial variation of precipitation, Zagros, Iran.   |
| <b>Seyyed Akbar Sadaty</b><br>Islamic Azad University, Iran                | Title: The effects of the low cognitive of process technologies resulting from historical agricultural revolutions of the world on climate, soil and human action |
| <b>Gbeminiyi Sobamowo</b><br>University of Lagos, Nigeria                  | Title: Modeling the impacts of biomass burning on climate and human health  |
| <b>Benjamin Anabaraonye</b><br>University of Nigeria, Nigeria              | Title: The role of the world bank group in climate financing for disaster risk reduction in Nigeria   |
| <b>Wisdom Enang</b><br>University of Bath, Nigeria                         | Title: Decarbonization - Nigeria's pathway to the great transition  |
| <b>Mohammad Rahim RahnamaIran</b><br>Ferdowsi University of Mashhad, Iran  | Title: Simulation of land use change, rainfall and temperature in Mashhad metropolitan area during 1984-2030 period, using neural network model                   |
| <b>Wedajo Gebre</b><br>Jinka University, Ethiopia                          | Title: Genotype by environment interaction and stability of drought tolerant sorghum ( <i>Sorghum Bicolor L.</i> ) genotypes in Ethiopia                          |
| <b>Ivana Sola</b><br>University of Zagreb, Croatia                         | Title: Effect of different climate change parameters on nutritional potential of Brassica vegetables  |
| <b>Peter Msumali Rogers</b><br>University of Dar es Salaam, Tanzania       | Title: Financing climate change adaptation and its devolution through National Budget in Tanzania   |
| <b>Jinsong Wu</b><br>Guilin University of Electronic Technology, Chile     | Title: Environmental sustainability and intelligence as well as general green technologies  |
| <b>Peter Msumali Rogers</b><br>University of Dar es Salaam, Tanzania       | Title: Financing climate change adaptation and its devolution through National Budget in Tanzania   |

*Oral presentation slots are available*

## Poster Presentations

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| <b>Ravi Kikar Sinha</b><br>Private Indian Researcher, India | Title: Artificial production of wood globally avoiding deforestation, to maintain oxygen-carbon dioxide ratio on earth |
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*Poster presentation slots are available*