



**GCWC  
2024**




**ScitechSeries**


**FINAL  
PROGRAM  
MAY 21,  
2024**

**Global Conference on**

**Weather Forecast &  
Climate Change**

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**VIRTUAL  
EVENT**

# TUESDAY MAY 21

(Virtual)

Greenwich Mean Time (GMT) @ Zoom Meetings

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09:00-09:30

AV Check

09:30-10:00

Opening Ceremony and Introduction

GMT

Local Time

## KEYNOTE PRESENTATIONS

10:00-10:40

15:30-14:10

**Title:** A Review: Copper Oxide Nanoparticles Synthesized via Chemical Method for Environmental Remediation and Optoelectronic Applications

**Gurjinder Singh**, DIT University, India

10:40-11:20

12:40-13:20

**Title:** Modeling the financial impact of natural disasters in the era of climate change

**Giuseppe Orlando**, HSE University of Saint Petersburg, Italy

11:20-12:00

16:50-17:30

**Title:** Role of Artificial Intelligence & Remote Sensing (AIRS) in Correlational Studies of the Climate Change

**Virendra Goswami**, Sharda University, India

## ORAL PRESENTATIONS

12:00-12:20

15:00-15:20

**Title:** Atmospheric conditions leading to buildup of benzene concentrations in urban areas in Israel

**Sarit Agami**, Hebrew University, Israel

12:20-12:40

20:20-20:40

**Title:** Extreme Weather's Indirect Impact on a Phosphate-limited Freshwater Ecosystem: Insights from Tropical Cyclones and Plankton Community Respiration

**Erica Silk dela Paz**, De La Salle University, Philippines

12:40-13:00

18:10-18:30

**Title:** Innovative Strategies for Alleviating Temperature Stress in *Lepidium latifolium* L, a sleeper weed from Trans Himalayas

**Manu Khajuria**, Indian Institute of Integrative Medicine (CSIR), India

13:00-13:20

18:30-18:50

**Title:** COVID-19-associated 2020 lockdown: a study on atmospheric black carbon fall impact on human health

**Pratima Gupta**, IIT Delhi, India

13:20-13:40

18:50-19:10

**Title:** Trends in Indian rainfall in connection with the atmospheric moisture parameters

**Prijitha R G**, University of Kerala, India

13:40-14:00

18:40-19:00

**Title:** An Integrated Approach of Remote Sensing & GIS to Analyze the Spatial Variability of Surface Urban Heat Islands and Dynamic of Urban Ecology

**Muhammad Nasar-u-Minallah**, University of the Punjab, Pakistan

<b>14:00-14:20</b>	<b>17:00-17:20</b>	<b>Title:</b> Evaluation of biological measures and multipurpose adaptive grass on soil bund in Lasta district, Ethiopia <b>Haymanot Lamesgn Zena</b> , Sekota Dryland Agricultural Research Center, Ethiopia
<b>14:20-14:40</b>	<b>17:20-17:40</b>	<b>Title:</b> Golina River Water Budget Dynamics Analysis using Remote Sensing Satellite Data, Northern Ethiopia <b>Hailu Ayene Kebede</b> , Wollo University, Ethiopia
<b>14:40-15:00</b>	<b>15:40-16:00</b>	<b>Title:</b> Heavy metal contamination and efflorescent salts threat on agricultural soil <b>Mariem TRIFI</b> , University of Cartage, Tunisia
<b>15:00-15:20</b>	<b>18:30-18:50</b>	<b>Title:</b> The Impact of Short-Lived Climate Pollutants and Long-Lived Climate Pollutants on Global Warming with Environmental Governance policies Design <b>Faezeh Borhani</b> , University of Tehran, Iran
<b>15:20-15:40</b>	<b>18:50-19:10</b>	<b>Title:</b> Analysis of the Effects of Precipitation and Temperature Changes on Rice Yield in Northern Provinces of Iran <b>Manuchehr Farajzadeh</b> , Tarbiat Modares University, Iran
<b>15:40-16:00</b>	<b>19:10-19:30</b>	<b>Title:</b> Trends of precipitation over Iran <b>Asadollah Khorani</b> , University of Hormozgan, Iran
<b>16:00-16:20</b>	<b>17:00-17:20</b>	<b>Title:</b> The influence of intraseasonal oscillations on rainfall variability over Central Africa: case of the <b>Wamba Tchinda Claudin</b> , University of yaounde, Cameroon
<b>16:20-16:40</b>	<b>19:50-20:10</b>	<b>Title:</b> Climatic comparison of surface urban heat island using satellite remote sensing in Tehran and suburbs <b>Motahharez Zargari</b> , Hakim Sabzevari University, Iran
<b>16:40-17:00</b>	<b>19:40-20:00</b>	<b>Title:</b> Sustainable management of soil organic matter for resilient agriculture in the Republic of Moldova <b>Boris Boincean</b> , Former Selectia Research Institute of Field Crops, Ukraine

### Important Note:

- The Conference follows Greenwich Mean Time (GMT) for all sessions.
- Sometimes there may be small changes in the program due to technical problems or presenters not showing up. To avoid missing any presentations, all presenters are asked to be available for the entire day of their presentation.
- When the program refers to Local Timings, it means that the timing mentioned is based on the time zone of the presenter's country.



## Supporting Journal

# Journal of Environmental Toxicology Research

<https://www.scitechjournals.com/journal-of-environmental-toxicology-research>

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