

The 8th IEEE Cyber Science and Technology Congress (CyberSciTech 2023)

The 1st international workshop on the

Geosciences and Remote Sensing for Sustainable Earth and Cities

13-17 Nov, 2023, Abu Dhabi, UAE

In recent years, there is a growing interest in the use of geosciences and remote sensing technologies such as satellite imagery, LiDAR, unmanned aerial vehicles (UAVs) which have been shown their importance in addressing the various environmental challenges and the emerging in fields such as disaster management, climate change monitoring, resource management and sustainable urban development.

Remote sensing provides wealth of data for monitoring and modelling urban systems and informing decision-making for urban planning, management, and services.

Therefore, we propose a workshop on remote sensing and geosciences that will provide a platform for researchers and professionals to discuss the latest developments and share their research findings. .

Workshop paper: 4-6 pages.

Papers need to be submitted via **EasyChair**:

(https://easychair.org/account/signin_timeout?l=EXRR7wN9x32CT8U9cHLXAs)

and select the workshop of "Geosciences and Remote Sensing for Sustainable Earth and Cities" marked with "**GRS-EC**".

Accepted papers will be published by IEEE (IEEE-DL and EI indexed). Selected papers, after further extensions and revisions, will be recommended to journal special issues. More details at the conference website: <https://icnetlab.org/cyber-science2023/cyberscitech/index.html>

Topics of interest include but are not limited to:

- Urban remote sensing for environmental monitoring (e.g., air quality, water quality, vegetation cover, urban heat islands)
- Geospatial analysis and modeling for urban planning and management (e.g., land use/cover change, transportation, energy, water, waste)
- Smart cities applications
- Natural Resource Management
- Big Data Analytics for Remote Sensing and Geosciences
- Machine Learning and Artificial Intelligence for Remote Sensing
- Sensor Networks for Environmental Monitoring
- UAVs and Drones for Remote Sensing
- LiDAR technology and applications

Important Dates

- Paper Submission
Due: **15-August-2023**
- Acceptance
Notification Due:
15-September-2023
- Final Manuscript
Due: **30-September 2023**

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