Institutional Capacity Building and Professional Development Program of RSGCRL

International Conference on

Remote Sensing, GIS and Climate Change (RSGCC-2023)

Applications, Strategies & Solutions

University of the Punjab, Quaid-i-Azam Campus, Lahore

Parallel Event

Workshop on

AI & ML for Hydrological Modeling

Objectives/Contents

This workshop aims to provide participants with a comprehensive overview of how AI tools can be applied to hydrologic models. The workshop will cover the following major topics:

- Understanding the basics of Artificial Intelligence
- Utilizing AI in hydrological modeling
- Examining the benefits of AI in hydrology
- A case study on data preparation and AI model development

Registration

Workshop Mode: **Face-to-Face**

Registration Fee:

Early-Bird (Till 06 March 2023)	**Rs. 1000/-**
Late Fee (After 06 March 2023)	**Rs. 1500/-**

No. of Seats: **30 participants**

Register Online: shorturl.at/bdST3

For payment and further details

http://rsgcc-2023.pu.edu.pk/workshops.html

rsgcc-2023@pu.edu.pk

Who Should Attend?

Students/Scholars (BS, MSc, BE, MPhil/MS, and PhD programs) and/or early & mid-career professionals

Resource Person

Mr. Akif Rahim

Deputy Director in Flood Risk Assessment Unit (FRAU), Govt. of the Punjab Irrigation Department, Lahore.

The resource person has hydrological modeling expertise with extensive experience of coupling climate change intensification into hydrological models using R, C++, and Python. He is well versed in the latest technologies of machine learning and artificial intelligence as applied to hydrology.

Date, Time & Venue

13 March 2023, Monday, 14:00-16:00 Hours (Parallel Workshop)

Classroom-2, IER/Faisal Auditorium,
Quaid-i-Azam Campus,
University of the Punjab, Lahore.

Organized by

Dr Zia-ul-Haq
Chief Organizer (RSGCC-2023)
Director/PI (RSGCRL, CRS)

Dr Shahid Parvez
Conference Secretary (RSGCC-2023)
Team Lead & Lab Member, RSGCRL

Remote Sensing, GIS and Climatic Research Lab (RSGCRL), National Center of GIS and Space Applications (NCGSA), Centre for Remote Sensing, University of the Punjab, Lahore.