

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

# Remote Sensing Based Tools for Air Pollution Monitoring

### Objectives/Contents

Air quality in Pakistan's major cities is worsening at higher rate as result of rapid urbanization and growth of road transport. Lack of air quality monitoring infrastructure across the Pakistan is major hurdle in regulating the air quality at all levels and imbalance too. Satellite based air pollution monitoring has huge potential to fill this gap. This training is designed to experience the data retrieval algorithms and validate satellite data from OMI and Tropomi by using MAX-DOAS observations for both fixed and moving platforms.

### Resource Person

#### Prof. Dr Muhammad Fahim Khokhar

Tenured Professor at Institute of Environmental Sciences and Engineering, School of Civil and Environmental Engineering, National University of Sciences and Technology (IESE, SCEE, NUST) Islamabad, Pakistan. Director of C-CARGO (Climate Change and Atmospheric Research Group) and CEO of Spin-off named Environmental Services and Sustainable Solutions (ES<sup>3</sup>).



### 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: [Registration Link](#)

### Date, Time & Venue

15 March 2023, Wednesday, 11:00-13:00 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.

### For payment and further details

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

[rsgcc-2023@pu.edu.pk](mailto:rsgcc-2023@pu.edu.pk)

### Who Should Attend?

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