



ЦАХИМ ХӨГЖИЛ,  
ХАРИЛЦАА ХОЛБООНЫ ЯАМ



БОЛОВСРОЛ,  
ШИНЖЛЭХ УХААНЫ  
ЯАМ



МОНГОЛ УЛСЫН  
ШИНЖЛЭХ УХААНЫ АКАДЕМИ



# ASIAN CONFERENCE ON REMOTE SENSING (ACRS) 2022-MONGOLIA

October 3-7, 2022

<http://www.acrs2022.mn>

## INTRODUCTION

The 43rd Asian Conference on Remote Sensing 2022 (ACRS2022) will be held on October 3 – 7, 2022 at Ulaanbaatar, Mongolia. The conference is expected to be an interdisciplinary discussion for leading researchers and students in the related subjects to present the latest developments, studies, and applications of remote sensing, to discuss cutting-edge technology, to exchange research ideas, and to promote international collaboration in this field. The local host steering committee wishes the most valuable time for all the delegates. We look forward to welcoming you to the ACRS2022 in Ulaanbaatar, Mongolia. The ACRS2022 is currently planned to be organized online.

## TOPIC CATEGORY

Papers containing original studies in all aspects of remote sensing are solicited. The following topics is included, but are not limited to:

- **Sensor and Platform**
  - Optical/ Microwave/ Lidar Sensor
  - Airborne /Satellite Platform
  - Unmanned aerial vehicle (UAV) Platform
- **Algorithm and Image Processing**
  - Detection and Classification
  - Data Fusion and Data Mining
  - 3D Generation and Modeling
  - Lidar/SAR and InSAR Processing
- **Geographic Information Systems (GIS) and Web GIS**
  - Spatial Database and Analysis
  - Data Quality and Spatial Standard
  - Decision Support and Modeling
  - Web Map Service/ Mobile GIS
- **Cloud Computing, Big data and AI in Remote Sensing**
  - Remote Sensing Big Data Processor and Applications
  - AI Technology for Remote Sensing Applications
- **Disaster Monitoring and Prevention**
  - Flood/Drought/Tsunami/Earthquake/Landslide/ Forest Fire
- **Environmental Domain**
  - Climate Change
  - Ecology and Conservation
  - Urban Change Monitoring
- **Geological Remote Sensing Application**
- **Remote Sensing Application for Public Health**
- **Remote Sensing for Cartography and Mapping**
- **Capacity Building and Outreach Activities**

## REGISTRATION FEE

CATEGORY	ON-SITE REGISTRATION	
International and Domestic Participant	Regular	150 US\$
	Student	75 US\$
Online		50 US\$

At least one author of papers submitted should be registered before September 1, 2022 through online in order to be included in the Conference program and Proceedings.

## IMPORTANT DATES:

Deadline for Abstract Submission:	<b>July 1, 2022</b>
Notification of Abstract Acceptance:	<b>July 15, 2022</b>
Second Announcement:	<b>July 1, 2022</b>
Deadline for Full Paper Submission:	<b>September 1, 2022</b>
Pre-registration due date:	<b>August 31, 2022</b>
Technical Exhibition & Special Session Proposal due date:	<b>August 31, 2022</b>



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## ABSTRACT PREPARATION

Abstract must be original material and have not been previously presented or published. It should be electronically submitted in pdf file through the conference website no later than July 1, 2022. Abstract should be within 500 words. Sample template and more detail information can be found on our official website ([www.acrs2022.mn](http://www.acrs2022.mn)).

All submitted abstracts will be reviewed by the technical program committee members and the results will be sent by July 15, 2022.

## TECHNICAL EXHIBITION AND SPECIAL SESSION

Application form for technical exhibition and special session will be available in the ACRS2022 website. The deadline for proposal is August 31, 2022. Fee will be announced later.

## VENUE CITY

Ulaanbaatar is the capital and largest city of Mongolia with a population of over one million. As an independent municipality, the city is not part of any province. Located in north-central Mongolia, the city lies on the Tuul River, at an elevation of about 1,310 meters. It is the cultural, industrial and financial heart of the country and serves as the hub for Mongolia's road network, connected by rail to both, the Trans-Siberian Railway in Russia and the Chinese railway network.

## TRANSPORTATION

Chinggis Khaan International Airport (formerly Buyant Ukhua Airport) (IATA: ULN, ICAO: ZMUB) is the international airport serving Ulaanbaatar, Mongolia, situated 18 km (11 mi) southwest of the capital.

## ORGANIZATION OF ACRS2022

### General Chair

- Dr. M.Saandari (MonMap LLC)
- Dr. D.Regdel (Mongolian Academic of Sciences)

### Organizing Chair

- J.Gurragchaa (Mongolian Cosmonaut)
- Ts.Gantugs (Ministry of Digital Development and Communications)
- Dr. B.Battogtokh (Ministry of Education and Science)
- A.Enkhmanlai (Agency of Land Administration and Management, Geodesy and Cartography)
- Dr. B.Suvdantsetseg (Mongolian Academic Sciences)
- Dr. S.Demberel (Institute of Astronomy and Geophysics, MAS)
- Dr. D.Amarsaikhan (Institute of Geography and Geo-ecology, MAS)
- M.Odbayar (National Remote Sensing Center)
- Dr. R.Tsolmon (NUM-ITC-UNESCO Laboratory for Space studies and Remote Sensing).

### Technical Program Committee

- Dr. B.Suvdantsetseg (Mongolian Academic Sciences)
- Dr. B.Bayartungalag (Mongolian Geo-spatial Association)

### Sponsorship & Exhibition Committee

- Dr. M.Saandari (MonMap LLC)
- Dr. B.Bayartungalag (Mongolian Geo-spatial Association)

### Publicity & Finance Committee

- Dr. M.Saandari (MonMap LLC)
- S.Bayasmaa (MonMap LLC)

### ORGANIZED BY

- Asian Association on Remote Sensing (AARS)
- Monmap Engineering Services Co.,Ltd.
- Mongolian Geo-spatial Association (MGA)

### SUPPORTED BY

- Asian Association on Remote Sensing (AARS)
- Ministry of Digital Development and Communications
- Ministry of Education and Science
- Mongolian Academic Sciences
- Agency of Land Administration and Management, Geodesy and Cartography
- Information and Research Institute of Meteorology, Hydrology and Environment (National Remote Sensing Center)
- National University of Mongolia, NUM-ITC-UNESCO Laboratory for Space studies and Remote Sensing

### ACRS2022 SECRETARIAT

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