



PISTAR PRESENTS

DAY-LONG VIRTUAL *Conference*

ON LATEST DEVELOPMENTS IN THE THEORY AND PRACTICE
OF SAMPLE SURVEYS AND CENSUSES

ONE-DAY ONLINE *Workshop*

ON UTILIZATION OF REMOTE SENSING IN SAMPLE SURVEYS
AND CENSUSES

Sponsored by **INTERNATIONAL ASSOCIATION
OF SURVEY STATISTICIANS**

SAT & SUN
**12th, 13th
MARCH
2022**

CONFERENCE & WORKSHOP CHAIR:
Prof. Dr. Saleha Naghmi Habibullah

Honorary Executive Director PISTAR

CONFERENCE & WORKSHOP SECRETARY:

Dr. Syed Wasim Abbas

General Secretary PISTAR

PISTAR

The Pak Institute of Statistical Training and Research (PISTAR) employs best practices and resources for spreading statistical thinking, knowledge of statistical methodology and data-handling skills. The primary objective is the statistical capacity-building and empowerment of professionals, academicians and students within the country and beyond.

OUR VISION

A statistically advanced society through professional development and research-based knowledge and information in Pakistan and beyond.

IASS

The International Association of Survey Statisticians aims to promote the study and development of the theory and practice of sample surveys and censuses.

An important objective of IASS is to promote sharing of knowledge and practice across a number of countries which would not normally have opportunities to share such knowledge and practice.

It also aims to increase the interest in surveys and censuses among statisticians, governments and the public in the different countries of the world.

IASS is one of the associations linked with the International Statistical Institute.



IMPORTANT DATES:

Submission of Abstract for inclusion in Best Paper Competition: (No more than 500 words)	▶ February 24, 2022
Acceptance of Abstract submitted for inclusion in Best Paper Competition:	February 25, 2022
Full Length Paper Submission for inclusion in Best Paper Competition:	▶ February 28, 2022
Submission of Abstract (not to be included in Best Paper Competition): (No more than 500 words)	▶ March 5, 2022
Acceptance of Abstract (not to be included in Best Paper Competition):	March 6, 2022
Full Length Paper Submission (not to be included in Best Paper Competition):	▶ March 9, 2022
Poster Submission for inclusion in Best Poster Competition:	▶ March 5, 2022
Poster Submission (not to be included in Best Poster Competition)	▶ March 9, 2022

Registration:

Early Bird: by Feb. 28, 2022

Regular: by March 12, 2022

**CLICK / SCAN TO
GET REGISTERED NOW**

www.pistar.org



For queries, please contact:

Dr. Syed Wasim Abbas
+92 333 6550630
pistar.pk@gmail.com

Mr. Muhammad Iftikhar
+92 333 4314748
secretary@isoss.net

DAY 1: VIRTUAL CONFERENCE

KEYNOTE SPEAKER



Prof. Monica Pratesi
President IASS

INVITED PAPER SESSION ORGANIZER



PROF. JAE-KWANG KIM
LAS Dean's Professor
IOWA State University, USA

INVITED SPEAKER



PROF. MUHAMMAD HANIF
President PISTAR & ISOSS
LHR, Pakistan

CONFERENCE PROGRAM

TIME	SCHEDULE
08:45 to 08:55 PKT:	Opening Remarks by Dr. Saleha Naghmi Habibullah, Conference Chair
08:55 to 9:15 PKT:	Invited Talk by Mr. Sajid Rasool (Bureau of Statistics, Punjab, Pakistan)
09:15 to 9:40 PKT:	Invited Talk by Dr. Amjad Javaid Sandhu (Pakistan Bureau of Statistics)
09:40 to 09:50 PKT	Short Break
09:50 to 11:05 PKT	Contributed Papers Parallel Sessions (Simultaneous Virtual Rooms)
11:05 to 11:25 PKT	IASS Info Stands & Networking (Virtual Room No.1) PISTAR & ISOSS Info Stands & Networking (Virtual Room No.2)
11:25 to 11:50 PKT	Invited Talk by Dr. Daljit Singh Virk (United Kingdom)
11:50 to 12:20 PKT:	Invited Talk by Prof. Hanif Mian, President PISTAR & ISOSS
12:20 to 12:45 PKT:	Poster Session (Display & Verbal Presentation of posters)
12:45 to 13:45 PKT:	Contributed Papers Parallel Sessions (Simultaneous Virtual Rooms)
13:45 to 14:05 PKT	IASS Info Stands & Networking (Virtual Room No.1) PISTAR & ISOSS Info Stands & Networking (Virtual Room No.2)
14:05 to 14:25 PKT	Invited Talk by Mr. Muhammad Sarwar Gondal (PBS Islamabad, Pakistan)
14:30 to 15:45 PKT	Invited Paper Session by Prof. Jae-Kwang Kim (USA)
15:50 to 16:45 PKT	Annual General Meeting (AGM) of PISTAR
16:50 to 17:30 PKT	Keynote Address by Prof. Monica Pratesi, President IASS
17:30 to 18:15 PKT:	Closing Session (Virtual Prize and Certificate Distribution)

CONFERENCE TOPICS

Conference topics include but are not restricted to the following:

<ul style="list-style-type: none"> • Advances in Survey Sampling Techniques • Modern Practices in Census and Survey Data Analysis • New Statistical Dimensions at the Juncture of Survey Science and Big Data • Remote Sensing and GIS Technology for Censuses and Sample Surveys • Survey Sampling Techniques in Biostatistics and Public Health 	<ul style="list-style-type: none"> • Use of Information Technology in Survey Sampling and Censuses • Agricultural Censuses and Surveys • The Role of Survey Sampling for Monitoring SDGs • Business Surveys • Advances in Techniques for Measurement Error Prevention • Data Disclosure Control • Imputation Techniques
--	--

CONFERENCE REGISTRATION FEE

PARTICIPANTS FROM	EARLY BIRD	REGULAR
Developing countries: https://www.isi-web.org/capacity-building/developing-countries	€ 5	€ 8
Developed countries: https://worldpopulationreview.com/country-rankings/developed-countries	€ 15	€ 20
Within Pakistan: 50% Discount for IASS membership	PKR 500	PKR 800

IMPORTANT ANNOUNCEMENTS

■ BEST PAPER AWARD

All full-length contributed papers received by February 28, 2022 will be entered in the Best Research Paper Competition and will be evaluated by three independent judges. Provided that the top two papers meet the minimal criteria of the Award, they will be awarded cash prizes as follows:

First Position: 200 Euro

Runner up: 150 Euro

■ BEST POSTER PRIZE

All posters received by March 02, 2022 will be entered in the Best Poster Competition and will be evaluated by another three independent judges. Provided that the top two posters meet the minimal criteria of the Prize, they will be awarded cash prizes as follows:

First Position: 100 Euro


Runner up: 75 Euro

■ JOURNAL PUBLICATION

Authors of selected papers will be invited to submit further refined versions of their papers to **Pakistan Journal of Statistics** or to **Journal of ISOSS** depending on the nature of the papers.


■ ONE-YEAR FREE MEMBERSHIP OF PISTAR

All persons registering for the Conference and/or the Post-Conference Workshop will be granted **one-year free membership** of the Pak Institute of Statistical Training and Research (PISTAR) (valid till 12th March 2023).



**PAK INSTITUTE OF STATISTICAL
TRAINING AND RESEARCH
(PISTAR)**

ISOSS House, 44-A, Civic Centre, Scheme 33, Sector-1, Lahore.
Pakistan, Phone No. +92 333 4314748 Email: isossq@gmail.com



MEMBERSHIP FORM

Membership No.

Free Membership of the Pak Institute of Statistical Training and Research
for the year March 12, 2022 to March 12, 2023
for delegates of the Conference/Post-Conference Workshop
to be held on March 12/13, 2022

Name: _____
(Capital letters)

Affiliation: _____

Educational Qualification: _____

Postal Address: _____

Cell phone / WhatsApp No.: _____

Email address: _____

DAY 2: ONLINE WORKSHOP

RESOURCE PERSONS



Dr. Asim Daud Rana
Assistant Professor /Team Leader,
Remote Sensing, GIS and Climatic Research Lab (RSGCRL), University of the Punjab, Lahore, Pakistan



Dr. Khalid Mahmood,
Assistant Professor and Co-Principal Investigator,
Remote Sensing, GIS and Climatic Research Lab (RSGCRL), University of the Punjab, Lahore, Pakistan



Dr. Syed Muhammad Irteza
Research Associate,
Remote Sensing, GIS and Climatic Research Lab (RSGCRL), University of the Punjab, Lahore, Pakistan



Ms. Fiza Faizi
Research Associate,
Remote Sensing, GIS and Climatic Research Lab (RSGCRL), University of the Punjab, Lahore, Pakistan

WORKSHOP PROGRAM

TIME	SCHEDULE
08:45 to 08:55 PKT:	Opening Remarks by Dr. Saleha Naghmi Habibullah, Workshop Chair
08:55 to 09:15 PKT:	Introduction of Resource Persons
09:15 to 11:15 PKT:	Workshop Session 1 Working principles of satellite remote sensing and image processing
11:15 to 11:40 PKT:	IASS Info Stands & Networking (in Virtual Room No. 1) PU CRS Info Stands & Networking (in Virtual Room No. 2)
11:40 to 13:40 PKT:	Workshop Session 2 Remote sensing data applications in field based surveys
13:40 to 14:30 PKT:	IASS Info Stands & Networking (in Virtual Room No. 1) PISTAR & ISOSS Info Stands & Networking (in Virtual Room No. 2)
14:30 to 16:30 PKT:	Workshop Session 3 Role of GIS in census mapping and demographic statistics
16:30 to 17:15 PKT:	Closing Session (Virtual Souvenir and Certificate Distribution)

WORKSHOP CONTENTS

Session 1: Working principles of satellite remote sensing and image processing

Earth observation platforms, Introduction to electromagnetic spectrum, Structure of satellite image, Image resolutions and scale, Satellite image processing, Satellite image enhancements and statistics

Session 2: Remote sensing data applications in field based surveys

Introduction to remote sensing field surveys, Data access and pre-processing, Field survey instruments, In-situ documentation, Survey application in remote sensing, Case studies (urban, forest, water and agriculture)

Session 3: Role of GIS in census mapping and demographic statistics

Introduction to Geographic Information System (GIS) as surveying support, Geospatial data and its usage, GIS applications, analyses and outputs: an overview, GIS for pre-enumeration, enumeration and post-enumeration stages, GIS for dissemination, Basics of modelling, trend analysis and forecasting of socio-economic population dynamics, GIS software and basic data handling

WORKSHOP REGISTRATION FEE

PARTICIPANTS FROM	EARLY BIRD	REGULAR
Developing countries: https://www.isi-web.org/capacity-building/developing-countries	€ 5	€ 8
Developed countries: https://worldpopulationreview.com/country-rankings/developed-countries	€ 15	€ 20
Within Pakistan: 50% Discount for IASS membership	PKR 500	PKR 800