



International Conference on
**GREEN AI HORIZONS:
INTEGRATING SCIENCE
AND ECONOMY**

*“Unite Science and economy through
AI-Driven sustainability.
Join global innovators to
shape a smarter, greener future”*

9-10 January 2025



Prof. Dr. Muhammad Naeem
Vice Chancellor
PMAS-AAUR



Dr. Liaqat Ali
Project Director
Green AI NASTP



Dr. Imtiaz Ahmad
Joint Economic Adviser
Ministry of Finance



Dr. Arshad H. Hashmi
Vice Chancellor
PIDE Islamabad



Dr. Lal Almas Khan
Regents Professor
West Texas, A & M University, USA



Dr. Arshad Mahmood Malik
Focal Person / DY PD Green AI NASTP
Chairman Dept. of Eco. & Agri. Economics

Jointly Organized by

**PMAS-Arid Agriculture
University Rawalpindi**

GREEN AI (NASTP)

In Collaboration With
The Science Publishers

PROGRAM

Day-1 (9 Jan, 2025)

Opening Ceremony | Venue: University Auditorium

- 09:30 a.m. Holy Quran Recitation
- 09:35 a.m. National Anthem
- 09:45 a.m. Welcome by Dr. Arshad Mahmood Malik, Dy PD Green AI, PMAS-AAUR
- 09:50 a.m. Inaugural Address by Chair Dr Liaqat Ali PD Green AI NASTP
- 10.00 a.m. Address by the Honorable Guest, Prof. Dr. Arshad H. Hashmi, VC PIDE
- 10:10 a.m. “Economic Feasibility of Precision Irrigation and Variable Rate technology” by Dr Lal Almas Khan, Regents Professor of Agricultural Business & Economics, Paul Engler College of Agriculture and Natural Sciences, West Texas A&M University, Canyon Texas USA
- 10.40 a.m. Address by the Guest of Honor Dr Imtiaz Ahmad Economic Advisor Ministry of Finance GoP
- 10:50 a.m. Address by the Chief Guest, Prof. Dr. Muhammad Naeem, VC PMAS-AAUR
- 11:00 a.m. Conference group photo
- 11:00 a.m. Tea break

Visit to Model Hydroponic Facility in University

Day-1 (9 Jan, 2025)

Technical Session | Venue: University Auditorium

Session Chair: Prof. Dr. Abdul Saboor (Former Dean, Faculty of Social Sciences, PMAS-AAUR)
Air Comd. Abubakr
Dr. Muhammad Kamran
Dr. Arshad Mahmood Malik (Chairman, Dept. of Eco. & Agri. Eco.)

- 11:15 a.m. 1st Technical Session
- Regulations of Artificial Intelligence by Badri Narayanan Gopalakrishnan, PhD. USA
 - Emerging Metaverse and Future Opportunities by Mamoona Humayun, Dept. of Computing, School of Arts, Humanities & Social Sciences, University of Roehampton, London, UK
 - Dimensions of One Health Concept and Equity Based Approach by Dr Hasan Orooj Ex DG Health, HAS
- 12:30 p.m. Lunch

Parallel Session 1-A Seminar Hall UIBB

Green AI Production, Hydroponics, Value Chain and Economy

Every presenter has been provided 20 mints 15 for presentation and 5 for Q/A

Session Chair: Prof. Dr. Imran Yousuf (Dean, Faculty of Social Sciences, PMAS-AAUR)
Co-Chair: Dr. Abdul Jabbar, IIUI
Moderator: Dr. Gulnaaz Hameed (Associate Professor, Dept. of Eco.)

- 14.00 p.m. Impact of urban flooding in twin cities of Pakistan. A case to identify adaptation strategies.
By Tooba Umer Malik PMAS-UAAR
- 14:20 p.m. Economic Impact of Digital Supply Chain Technologies on Resilience and Performance in Agricultural Supply Chain
By Muhammad Wasim and Dr. Muhammad Usman NUML
- 14:40 p.m. Investing in a Cleaner Future: How Financial Innovation and Green Energy Shape Carbon Emissions through Moderating role of Manufacturing Sector
By Muhammad Zahoor Dr. M. Usman and Abdul Qadir NUML
- 15:00 p.m. Economics and marketing of rose flower a case study Islamabad and Rawalpindi districts
By Dr. Muhammad Taseer Rasheed PMAS-AAUR
- 15:20 p.m. Optimizing Health Expenditure for Enhanced Life Expectancy: Insights From Pakistan
By Name: Asif Nawaz PMAS-UAAR
- 15:40 p.m. Prevailing role of women dynamics in social development.
By Mahnoor Nadeem PMAS-UAAR

Parallel Session 1-B Agriculture Seminar Hall / Seminar Hall UIIT

Precision Agriculture Technologies

Every presenter has been provided 20 mints 15 for presentation and 5 for Q/A

Session Chair: Dr. Usman Mustafa / Prof. Dr. Khalid Saifullah Khan (Director, ORIC) / Prof. Dr. Yaser Hafeez (Director, UIIT)
Co-Chair: Dr Ahtisham ul Haq, Air Comd Ibrahim
Moderator: Dr. Abdul Rahman (Lecturer, Dept. of Economics)

- 14.00 p.m. Challenges for Academic in an Era of Disruptive Innovation
by Prof. Dr. Ataul Aziz, HoD University of Bolton, UK, Rawalpindi Campus
- 14:20 p.m. Precision Agriculture technologies (Variable Rate Technology and Auto Steer system) in Pakistan
by Engr. Dr. Tahir Iqbal Chairman FMPE PMAS-UAAR
- 14:40 p.m. Use of Artificial Intelligence in Development of Variable Rate Technologies
by Dr. Muhammad Aqib, UIIT, PMAS-AAUR
- 15:00 p.m. Smart Irrigation systems, Challenges and opportunities for Pakistan
by Engr. Dr. Fiaz Hussain
- 15:20 p.m. AI driven Smartphone Application for Soyabean Weed Detection
by Hamna Waheed Green AI
- 15:40 p.m. DNA Vaccines: A sustainable Approach to Advancing a Green Environment
by Dr. Raza Ali Shah & Prof. Dr. Muhammad Ali Abdullah Shah

Day-2 (10 Jan, 2025)

Closing Ceremony | Venue: University Auditorium

- 09:00 a.m. Prof. Dr. Abdul Saboor (Ex- Dean faculty of Social Sciences, PMAS-UAAR)
10:00 a.m. Prof. Dr. Imran Yousuf (Dean Faculty of Social Sciences, PMAS-AAUR)
10:30 a.m. Dr. Arshad Mahmood Malik (Chairman, Department of Economics & Agri.
Economics, PMAS-AAUR)
11:00 a.m. Prize distribution
11:30 a.m. Remarks by the Chief Guest
12:00 p.m. Vote of Thanks by the Focal Person



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For Further Information

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