

As of September

24th SCAC

SCIENCE COUNCIL OF ASIA CONFERENCE

Science Council of Asia The 24th Conference

Food Security, Sustainability, and Biodiversity

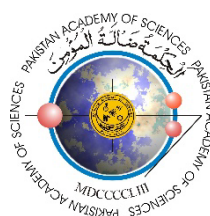
A HYBRID EVENT WITH OPTIONS FOR PHYSICAL AND VIRTUAL PARTICIPATION

16 - 18 November 2025 (Sunday-Tuesday)

at

Pakistan Academy of Sciences (PAS), 3 - Constitution Avenue, Sector G-5/2, Islamabad, Pakistan

Organized by



**Pakistan Academy of Sciences
Islamabad, Pakistan**

Supported by



**Science Council of Asia
Tokyo, Japan**

FIRST ANNOUNCEMENT



SCAC 24 (PAKISTAN)

Invitation

In the current era of climatic challenges and rising global populations, achieving food security while preserving biodiversity and fostering sustainability has become one of the world's most pressing issues. Environmental hazards, fast Climate changes, deforestation, habitat loss, and unsustainable agricultural practices are depleting ecosystems, threatening biodiversity, and compromising food production systems. As the global population continues to rise, the demand for food intensifies, placing pressure on natural resources and ecosystems.

Accordingly, there is a dire need of collaboration among regional countries is central to achieving optimum success in this area and this needs intensive discussion and interaction among the relevant professionals and policymakers from around the region for dialogue to devise a comprehensive way forward to achieve Food Security, Sustainability, and Biodiversity'. Pakistan Academy of Sciences (PAS), Islamabad-Pakistan in collaboration with the financial support of the Science Council of Japan (SCJ) has planned organization of the 24th SCA Conference (24th SCAC), in Islamabad, Pakistan during 16-18 November 2025, with the theme of '**Food Security, Sustainability, and Biodiversity**'. This Conference on Food Security, Biodiversity, and Sustainability aims to bring together international experts, policymakers, academicians, business leaders, and practitioners to discuss innovative strategies, share knowledge, and forge partnerships for a sustainable future. The conference seeks to unite diverse voices to tackle interconnected global challenges. The meeting will consist of keynote lectures, Invited lectures, and poster presentations. It will also feature an exhibition space for showcasing posters containing innovative solutions, products, and research for sustainability and biodiversity conservation. As such, this 24th SCA Conference is expected to serve as a platform to initiate meaningful dialogue, drive innovation, and shape policies promoting a resilient, sustainable future for humanity and the planet.

On behalf of the Science Council of Asia (SCA), the Pakistan Academy of Sciences (PAS), as the local Organizer, warmly **extends a cordial invitation** to the relevant professionals and stakeholders working in the Academies of Science as well as Scientists, Academicians and young researchers in the Asian Region to attend the 24th SCA Conference in Islamabad, Pakistan.

Prof. Dr. Kauser Abdullah Malik
(H.I., S.I., T.I.)

President
Pakistan Academy of Sciences

Prof. Dr. M. Aslam Baig
(H.I., S.I., T.I.)

President SCA & Secretary General
Pakistan Academy of Sciences

Important Dates

Last Date of On-line Registration	10 September 2025
Closing Date of Abstract Submission	10 September 2025
Notification about Abstract Acceptance	15 September 2025
Closing Date of Paper/Manuscript Submission	15 October, 2025
24 th SCA General Assembly and Conference	16-18 November 2025

24th SCA Conference Dates

16 - 18 November 2025 (Sunday -Tuesday)

Venue

Auditorium, Pakistan Academy of Sciences (PAS)

3 - Constitution Avenue, Sector G-5/2

Islamabad, Pakistan



Theme

The Theme of the 24th SCA Conference has been fixed as '**Food Security, Sustainability, and Biodiversity**'. Accordingly, the typical contents for deliberations relevant to these three subthemes in the 24th SCA Conference are as follows:

- **Food Security**: This theme includes use of smart technology for precision agriculture, utilization of digital tools and biotechnology in sustainable food systems as well as bio-health agriculture for healthy food production.
- **Biodiversity**: This theme includes threats and measures addressing the challenges of climate impacts on biological diversity.
- **Sustainability**: This theme includes the concept of food, health, and energy security via sustainability and biodiversity; and understanding/adoption of Sustainable Development Goals (SDGs) concerning biodiversity, sustainability, and food security.

The Conference Program will include:

- Theme Lecture
- Plenary Lectures
Keynote and Invited Lectures in Parallel Scientific Sessions on the following three subthemes, namely
 - 1) Food Security, 2) Biodiversity, and 3) Sustainability
- Young Researchers Session
- Posters Presentation
- Future Earth Symposium

Theme Lecture

Bridging Food Security and Biodiversity for Cultivating Wellness and Sustainability in Life & Environment (by **Prof. Dr. Atta-ur-RAHMAN, FRCS**)
President, Pakistan Academy of Sciences and Chair, Organizing Committee 24th SCAC

Probable Sub-theme Speakers

FOOD SECURITY

Prof. Dr. Sakae SHIBUSAWA (Mr.)

Professor, Center for High Education Development, Kyoto Women's University

Prof. Dr. Niluka HETTIGE (Ms.) (OL)

University of Colombo, Sri Lanka

Prof. Dr. Muhammad ASHRAF (Mr.)

Vice Chancellor, University of Lahore, Lahore, Pakistan

Prof. Dr. Sakiko SHIRATORI (Ms.)

Project Leader, Information and Public Relations Office, Japan International Research Center for Agricultural Sciences

Dr. Muhammad Ramzan KHAN (Mr.)

NIBGE, Faisalabad

Dr. Khurram MUAZ (Mr.)

KAM School of Life Sciences, Forman Christian College, Lahore

SUSTAINABILITY

Dr. Abdul RASHID (Mr.)

Fellow, Pakistan Academy of Sciences

Dr. M. JAHIRUDDIN (Mr.)

BAS Fellow, TWAS Fellow Professor (Retired), Bangladesh Agricultural University, Mymensingh, Bangladesh

Dr. Muhammad Naveed ANJUM (Mr.)

PMAS Arid Agriculture University, Rawalpindi

Dr. Mamoonah MUNIR (Ms.)

Rawalpindi Women University

Dr. Olga PASHKEVICH (Ms.) (OL)

Institute of System Research in Agro-Industrial Complex of the National

Prof. Dr. Sagarika EKANAYAKE (Ms.)

*Chair and Sr. Prof., Dept. of Biochemistry (Faculty of Medical Sciences)
University of Sri Jayewardenepura, Nugegoda, Sri Lanka*

BIODIVERSITY

Prof. Dr. Anjana SINGH (Ms.) (OL)

*Former Head, Central Department of Microbiology, Tribhuvan University,
Kirtipur, Kathmandu, Nepal*

Dr. Mubarak Ahmad KHAN (Mr.)

*Fellow Bangladesh Academy of Sciences (BAS) and Atomic Energy Research
Establishment*

Prof. Dr. Liaqat ALI (Mr.)

Fellow Bangladesh Academy of Sciences, Bangladesh

Prof. Dr. Shazia SULTANA (Ms.)

Silkroad Biohealth and Agricultural Industrial Alliance, China, International Professor, Samarkand State

University, Uzbekistan

Prof. Dr. Mushtaq AHMAD (Mr.)

QAU, Islamabad

Dr. Shuja-ul Mulk KHAN (Mr.)

Quaid-i-Azam University, Islamabad, Pakistan

General Information

Weather

The weather in Islamabad in November is moderate and usually very pleasant. Average day temperature is around 25 °C and night time temperature is around 20 °C.

Conference Venue

Secretariat, Pakistan Academy of Sciences, 3-Constitution Avenue, Sector G-5/2, Islamabad

Language

English is the official language of the Conference.

Visa

Citizens of most countries require visa for entry into Pakistan. The local Pakistan Embassy or Consulate may be contacted to know the essentials for visa application. The Administration Office of the Pakistan Academy of Sciences will provide visa Letter to all accepted foreign participants, speakers, and members of the Organizing Committees of the 24th SCA Conference (if required).

Currency

Pak Rupee (Rs.) Conversion rate US\$= Pak Rs. 282/- (approx.).

Accommodation

Accommodation of hotels can be arranged on request. Please contact the Conference Secretariat for further information.

Travels and Tours

Customized Tours can be organized for foreign participants. Please contact the Conference Secretariat for further information.

Registration Fees for Physical Participation

i. Physical participation

a. Local Participants

General Rs. 2000/-

Students (Proof needed) Rs. 1000/-

b. Foreign Participants No Fee

c. Speakers No Fee

Closing Date for Registration: 10 September 2025

For online registration, please use the relevant Google Form (**Link:** <https://tinyurl.com/268rsvzn>).

The physically attending Participant's registration fee includes access to Scientific Programs, Publications, Reception, Tea/Coffee, Lunch, Dinner and other Social Programs (except personally arranged tours).

Travel Grants/Allowances

A limited number of foreign participants will be provided with local hospitality (accommodation and food) and/or travel grants depending on the availability of funds. Last Date of Application: **31 July 2025**.

Call for Submission of Abstracts (for Poster Presentation only)

Participants interested in presenting their original works in the Poster Sessions at the Conference are invited to submit abstracts by **10 September 2025**.

Instructions for Abstracts (Poster Presentation only)

The Abstract should be structured as a) Background and Objectives, b) Methods, c) Results, and d) Conclusions. The abstract should be within 350 words. The Presenting Author's name should be underlined. The presenting author's full contact address (including phone no and e-mail must be given). The abstract may be submitted online using the relevant Google Form (**Link:** <https://forms.gle/VD42L8QWYhKVxvPD8>) or it can be submitted offline by sending it to the Secretariat through e-mail to [<scac24@paspk.org>](mailto:scac24@paspk.org).

Call for Submission of Abstracts and Manuscripts for the Conference Proceedings

Participants interested in presenting their original works in the Plenary and Scientific Sessions at the Conference are invited to submit abstracts by **10 September 2025 and upon acceptance of these by the Conference Management Committee, the full manuscript by 15 October, 2025** to allow for printing of the same after peer review in the Proceedings of the Pakistan Academy of Sciences (PPAS): Part-B: (Life and Environmental Sciences). Instructions for the compilation and submission of manuscripts may be downloaded from the website of the Journal (www.ppaspk.org) and/or website of the Pakistan Academy of Sciences (www.paspk.org). The abstract may be submitted online using the relevant Google Form (**Link:** <https://forms.gle/Cv17fXnC53GQUstI7>) or it can be submitted offline by sending it to the Secretariat through e-mail to [<scac24@paspk.org>](mailto:scac24@paspk.org).

Conference Management Committee

- Prof. Dr. Kauser Abdulla Malik, President, Pakistan Academy of Sciences
- Prof. Dr. M. Aslam Baig, President SCA & Secretary General, Pakistan Academy of Sciences
- Prof. Dr. Mushtaq Ahmad, Fellow, Pakistan Academy of Sciences
- Dr. Riffat Mahmood Qureshi, Director Administration, Pakistan Academy of Sciences
- Dr. M. Javed Akhtar, Editor-In-Chief, Pakistan Academy of Sciences
- Mr. Muhammad Naseer, Manager IT, Pakistan Academy of Sciences

Contact Persons:

Pakistan Academy of Sciences	SCA Secretariat
Prof. Dr. M. Aslam Baig President, Science Council of Asia Secretary General, Pakistan Academy of Sciences, 3-Constitution Avenue, G-5/2, Islamabad, Pakistan	Prof. Dr. SHIBUSAWA Sakae Secretary General/ Treasurer Member of the Science Council of Japan
Dr. Riffat Mahmood Qureshi Director Administration, Pakistan Academy of Sciences, 3-Constitution Avenue, G-5/2, Islamabad, Pakistan	Mr. OHNUMA Kazuyoshi Director for International Affairs, Science Council of Japan secretariat
Dr. M. Javed Akhtar Editor-In-Chief, Pakistan Academy of Sciences, 3-Constitution Avenue, G-5/2, Islamabad, Pakistan	Mr. NISHIDA Iwao Deputy Director for International Affairs, Science Council of Japan secretariat
Mr. M. Naseer Manager IT, Pakistan Academy of Sciences, 3-Constitution Avenue, G-5/2, Islamabad, Pakistan	Mr. KUBOI Kohki Section Chief for International Affairs, Science Council of Japan secretariat
Mr. Ali Ahsan Technical Officer, Pakistan Academy of Sciences, 3-Constitution Avenue, G-5/2, Islamabad, Pakistan	Ms. KAWAUCHI Yunako Official for International Affairs, Science Council of Japan secretariat

Correspondence

Conference Secretariat

24th Science Council of Asia Conference

Pakistan Academy of Sciences (PAS)

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Islamabad, Pakistan

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E-mail: scac24@paspk.org ; Website: www.paspk.org

24th Science Council of Asia Conference (SCAC)

on

Food Security, Sustainability and Biodiversity

Hybrid on Zoom Platform & In-Person

16 - 18 November 2025

at

Pakistan Academy of Sciences, Islamabad, Pakistan

Day-1:		16 November 2025 (Sunday)		
08:30-16:00	Registration (Lobby)			
09:00-10:00	Inaugural Ceremony (Auditorium)			
10:00-10:50	Theme Lecture: Bridging Food Security and Biodiversity for Cultivating Wellness and Sustainability in Life and Environment (Auditorium)			
10:50-11:30	Break for Group Photo and Refreshments (Dining Hall)			
11:30-12:15	Plenary Lecture I (Auditorium)			
12:15-13:00	Plenary Lecture II (Auditorium)			
13:00-14:30	Lunch Break and Posters Display (Lobby)			
14.30-16.00	Scientific Session I (Auditorium)	Scientific Session II (Committee Room)	Scientific Session III (Conference Room)	
16.00-17:00	Break: Light Refreshments and Poster Presentations			
17.00-18.00	SCA Management Board Meeting (Conference Room)			
18.00-19.30	Reception / Welcome Dinner (PAS Lawn)			

Program at a Glance

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SCIENCE COUNCIL OF ASIA CONFERENCE

Day-2:

17 November 2025 (Monday)

09:00-09:45	Plenary Lecture III (Auditorium)		
09:45-10:30	Plenary Lecture IV (Auditorium)		
10:30-11:00	Light Refreshments (Dining Hall) and Poster Presentations (Lobby)		
11:00-11:45	Plenary Lecture V (Auditorium)		
11:45-12:30	Plenary Lecture VI (Auditorium)		
12:30-14:00	Lunch Break and Posters Display (Lobby)		
14:00-15:30	Scientific Session IV (Auditorium)	Scientific Session V (Committee Room)	Scientific Session VI (Conference Room)
15:30-16:00	Light Refreshments and Poster Presentations (Lobby)		
16:00-17:30	Young Researcher's Session (Auditorium)		
17:30-18:00	Light Refreshments (Dining Hall)		
18:00-19:00	General Assembly Meeting (Conference Room)		

Day-3:

18 November 2025 (Tuesday)

09:30-11:30	Future Earth Symposium (Auditorium)		
11:30-12:00	Light Refreshments (Dining Hall)		
12:00-13:00	Concluding Session (Auditorium)		
13.00-14.30	Group Photo and Lunch		
	End of 24 th SCA Conference		