

The 3rd International Conference on “Plants for Food Security under Changing Climate”



February 10-11, 2024



**Bangladesh Rice Research
Institute, Gazipur- 1701**



**Bangladesh Society of Plant
Science and Technology**
www.bspst.org

Background

Climate change is a dynamic, multifaceted system of alterations in environmental conditions that affect abiotic and biotic components of the ecosystem. It changes the environmental conditions such as heat wave, intensity and distribution of rainfall, drought, flooding/waterlogging, salinity, CO₂ concentration, and temperature extremes that lead to an introduction of new pests, weeds, and pathogens. Climate change is one of the major constraints limiting plant growth and development worldwide. Hindered photosynthesis, and reduced physiological responses limit plant growth and development that result in a reduction of crop productivity worldwide. Abiotic stresses can reduce crop yield by more than 50%. Global food demand is predicted to grow by 70–85% as the population would increase to over 9 billion by 2050. In this circumstance, climate-adapted crop varieties, efficient resource management, appropriate crop management practices, advanced molecular and biotechnological approaches, and climate-smart agricultural techniques could be major strategies to ensure food security and agroecosystem sustainability. Keeping these in mind, the Bangladesh Society of Plant Science and Technology (BSPST) is going to organize the 3rd International Conference entitled “Plants for Food Security under Changing Climate”. Bangladesh Rice Research Institute (BRRI), the pioneer rice research institute of the country that significantly contributing to country’s food security, hosting the conference this year.

Sub-themes of the conference

- Plant Physiology
- Plant Ecology
- Plant Abiotic Stress Tolerance
- Climate Smart Agriculture
- Post-harvest Physiology and Food Processing
- Plant Taxonomy and Biodiversity
- Economic Botany and Medicinal Plants
- Plant Anatomy and Biotechnology
- Plant Embryology and Seed Biology
- Molecular Biology
- Underutilized Plants

Important Dates

Abstract Submission Deadline	31 December 2023
Notification of Acceptance	31 December 2023
Registration Deadline	15 January 2024

Guidelines for Abstract Submission

The abstract should be of a maximum of 400 words and contains a brief introduction and justification, methodology, key findings, and conclusion. There should be 4-6 keywords.

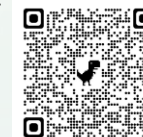
Mode of Presentation: Oral or Poster

Abstract Submission and Registration

For online submission, [click here](#) or scan the QR code below.

Abstract may also be submitted through E-mail:

3rdconfbspst@gmail.com



Registration fees*

Member	Tk. 2000
Student Member	Tk. 800
Non-member Participant	Tk. 2000
Foreign Participant	US\$ 50
Guest, Spouse, Children (per person)**	Tk. 1000

*Fees include conference kits, souvenir, snacks, 2 lunch and gala dinner. ** Fees include snacks, 2 lunch and gala dinner.

Please remit the registration fee to the following bank account or bKash number and send the receipt/bKash transaction number to 3rdconfbspst@gmail.com.

Account Name: Bangladesh Society of Plant Science and Technology

Account No.: 0219602001403

Bank: Sonali Bank Limited, BSMRAU Branch, Gazipur

bKash: 01716028984

Further information

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For more information visit www.bspst.org