



13th Asian Maize Conference and Expert Consultation on “Maize for Food, Feed, Nutrition and Environmental Security”

Ludhiana, India
October 8-10, 2018

Organizers

Indian Council of Agricultural Research (ICAR)
Indian Institute of Maize Research (IIMR)
International Maize and Wheat Improvement Center (CIMMYT)
Punjab Agricultural University (PAU)
Borlaug Institute for South Asia (BISA)
CGIAR Research Program on MAIZE

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Preamble

The importance of maize in Asian cropping systems has grown rapidly in recent years, with several countries registering impressive growth rates in maize production and productivity. There are tremendous opportunities for innovations in maize breeding and sustainable intensification of maize-based cropping systems in Asia. International and national institutions engaged in maize research and development are also emphasizing foresight, technology targeting, partnerships involving all stakeholders and capacity development to effectively out-scale innovations for greater impact. Some of the innovations like single cross maize hybrids, nutritious maize (including Quality Protein Maize or QPM and provitamin A-enriched maize), genetically modified (GM) maize, conservation agriculture (CA), small farm mechanization, winter and spring maize area development, specialty corn (including sweet corn and baby corn) etc. offer exciting opportunities for future growth and development of maize in the region.

Despite increased production, increasing and competing demands (food, feed, industry) imply continued need to invest in maize research for development (R4D). The demand for maize is expected to double by 2050, which implies further need to increase productivity significantly. At the same time, maize production and productivity in several Asian countries is severely constrained by an array of factors, including lack of access to improved seeds and other critical production-related inputs, lack of training and knowledge transfer for the resource-poor farmers, and abiotic and biotic stresses, the magnitude and dynamics of which are rapidly increasing under climate change.

Several factors are critical to effectively meet the present and future demands for maize in Asia. These include:

- integrating novel breeding techniques for improved genetic gains, especially under stress-prone environments in Asia;
- accelerating the development and deployment of high-yielding, climate-resilient and nutritious maize;
- strengthening the maize seed sector and access to quality seed through public-private partnerships;
- introducing precision-conservation agriculture and climate-smart agronomic practices for sustainable intensification of maize-based cropping systems;
- implementing innovative policies for stronger maize value chains and services for client communities; and
- empowering local stakeholders through cutting-edge technologies..

As Asian agribusiness, food processing industries and economies continue to grow, the opportunities for use of maize as food, feed, fodder and industrial uses will also increase significantly. The growing needs of the poultry sector, the expansion of maize seed sector, and increasing interest of consumers in nutritionally-enriched and specialty maize products require greater attention both from the research and development viewpoints more than ever before. Beyond the need for conducive policy support/environment, what is needed the most is greater investments on maize R4D in the region to harness the opportunities. Besides, there are specific issues concerning Asian maize industry that require urgent attention in order to harness the huge emerging opportunities.

The CGIAR Research Program (CRP) on Maize (CRP MAIZE) offers opportunities for catalyzing the stakeholders in the region to out-scale innovations in maize-based cropping systems by building strong public private partnerships. The 13th Asian Maize Conference aims to bring together the key Asian maize partners to discuss the current status, future opportunities and challenges for enhancing food, feed, nutrition and environmental security in Asia.

Objectives

- To assess the regional priorities and niches for enhancing maize production and productivity.
- To share experiences and latest information/knowledge on cutting-edge maize technologies among the maize research and development community.
- To create general awareness and provide a platform for synergies among institutions and stakeholders for better use of maize as food, feed and industrial crop in Asia.
- To develop an innovative and impact-oriented regional strategy and road map through access to and accelerated adoption of resilient technologies, market opportunities, networks, investment priorities and policy guidelines.

Expected Outputs

- National and regional priorities for enhancing maize production and productivity identified.
- Experiences and knowledge on innovations relating to sustainable maize production and utilization shared among diverse stakeholders.
- Awareness created for promoting the use of maize for diverse purposes.
- Synergies and convergence opportunities among maize R4D stakeholders in Asia identified.
- A regional maize strategy for sustainable food and nutritional security in Asia developed.

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- CGIAR Research Program MAIZE

Participants

The participants will include researchers, policy makers, service providers, innovative farmers, representatives and representatives of various organizations including NARES institutions, international agricultural research centers and advanced research institutions, seed companies, maize-based industry non-governmental organizations involved in maize breeding, biotechnology, production management, seed systems and value chains, besides foundations and funding agencies. About 250 participants are expected to attend this important Conference and Expert Consultation.

Language

The official language of the Conference will be English.

Call for Abstracts

The Conference will have: i) invited lectures for Plenary Sessions; ii) invited lectures for Technical Sessions based on contributory papers; and iii) poster presentations. The participants are encouraged to submit abstracts of their papers relevant to one or more themes/technical sessions of the Conference. An abstract should be submitted by **May 31, 2018** (please see “**Abstract Submission Form**”) for evaluation by an expert committee for selection of papers for invited oral or poster presentations during the Conference, based on their content and technical quality. Extended summary of each of the accepted papers for oral presentations should be submitted by **July 31, 2018** as per the “**Guidelines to the Authors.**”

Registration, Travel and Accommodation

Details regarding registration, venue of the Conference, and accommodation arrangements in Ludhiana for the delegates will be made in the Third Circular (by the end of June).

Important Dates

May 31, 2018:	Submission of Abstracts for review
June 30, 2018	Selection of Abstracts for Oral/Poster Presentations
July 31, 2018:	Submission of Extended Summaries (for Oral Presentations only)
Sept 15, 2018:	Submission of Registration Form and Registration Fee (as applicable)
Sept 30, 2018:	Submission of information on travel and accommodation

Core Organizing Committee

- Chair:** Dr. Trilochan Mohapatra, Secretary, DARE, Government of India & Director-General, ICAR; Email: dg.icar@nic.in
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ABSTRACT SUBMISSION FORM (Deadline: May 31, 2018)

Title (Dr/Mr/Mrs/Ms): Last Name: First Name:

Institution:

Position/Designation:

Contact/Mailing Address:

Tel no.: Fax:

E-mail:

Title of your paper (preferably limit to 12–15 words):

Author’s Name(s) and Affiliation(s):

Please type your abstract below (maximum 250 words/1250 characters, describing rationale, objectives, methods, results and conclusions – in one paragraph).

Please complete this Form and send it via email as attachment to:

Dr. B.M. Prasanna (Director, Global Maize Program, CIMMYT & CGIAR Research Program MAIZE),
Chair, Technical Committee, 13th Asian Maize Conference; Email: b.m.prasanna@cgiar.org

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GUIDELINES TO AUTHORS

Invited plenary papers must not exceed **12** pages in length (including figures, tables and images).

Contributed oral and poster papers must not exceed **4** pages in length (including figures, etc.).

Abstracts for all papers must not exceed 250 words. The abstract should contain an accurate summary of the context and new information presented in the paper.

Please use a recent version of Microsoft WORD.

File name

Name your **Extended Summary** file, as follows:

amc *plus* theme number *underscore* last name *plus* initials.doc (e.g., **amc1_PrasannaBM.doc** for BM Prasanna, paper in Theme 1).

Choose the most relevant themes from the following:

- 1. *Enhancing genetic gains in maize breeding***
- 2. *Developing and deploying stress resilient maize in Asia***
- 3. *Precision-conservation agriculture for enhanced input use efficiency***
- 4. *Maize nutritional quality and value-addition***
- 5. *Maize value chains and market trends***

Text

- Use **Times New Roman** for all text including headings. Left align all text, images and tables.
- Use the **Normal** style for all text (style-normal), 11 point with single line spacing.
- Do not indent the first line of a **paragraph**. Leave one blank line between paragraphs and before new section headings.
- Authors' **email and web addresses** may be hyperlinked. Hyperlinks to external web references should be placed in the References section, rather than in the body of the paper.

Headings and sections

Paper title: 14 point, bold, sentence case (capitals for proper nouns only).

Authors' names: 11 point. First name should come before the family name for each author. Highlight the **presenting author** in bold. Use superscripts to indicate different addresses. Leave one blank line below the authors' names.

Authors' address: 9 point, not italics. The corresponding web site and email may be included at the end of each address. Leave two blank lines after the authors' addresses.

Section Headings: Heading 1 - 11 point, bold, not italic and Heading 2 - 11 point, italic. Note: use sentence case NOT capital letters for headings.

Abstract heading: 11 point, bold, not italic

Abstract body: 11 point, not bold. Leave one blank line below the abstract text

Keywords heading: 11 point, bold

Keywords: 11 point, not bold, six key words. Leave one blank line below the key words.

References: author-date scheme with minimal punctuation

Figures and images: Figures and images should be placed at the very end of the file, left aligned

Captions for Figures and images should be 10 point, bold and left aligned, placed below the image.

Tables

Use the **Insert Table** button on the Standard toolbar and left align tables. Keep formatting simple.

Captions should be placed above the table using the Caption style.

Data columns should generally be centered or left aligned.

Page Layout

Margins should be set at 2 cm all round.

Do not indent paragraphs.

Submitting your paper

Please submit your paper to:

Dr. B.M. Prasanna (CIMMYT), Chair, Technical Program Committee, 13th Asian Maize Conference (Email: b.m.prasanna@cgiar.org)

with copy to

Dr. Sujay Rakshit (ICAR-IIMR), Co-Chair, Technical Program Committee, 13th Asian Maize Conference (Email: s.rakshit@icar.gov.in)