



Dr. A B M Khaldun

Principal Scientific Officer (Planning and Evaluation)



Planning and Evaluation Division
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1. Career Brief [📍in 50~100 words]

I have been served as a breeder of maize, wheat, rice, barley, mustard and sesame from February 2006 to December 2021 in the largest multi-crop research institute in Bangladesh, the Bangladesh Agricultural Research Institute (BARI), Chinese Academy of Science, CIMMYT Mexico, Yangzhou University, China, UC Davis, California, USA, Wageningen University and Research, Netherlands, Asian Institute of Technology, Pathum Thani, Thailand, CIMMYT Kenya currently in Bangladesh Agricultural Research Council (BARC), Farmgate, Dhaka with active research in agriculture and food security. My core research activities involved in both the basic (Biotechnology, Comparative Functional Genomics and Molecular Plant Breeding) and adaptive research in different crop species leading modern variety development in maize, wheat, barley, mustard and sesame. My MS, PhD and Post Doc in the field of Biotechnology. Beyond the research work I have been associated with different managerial activities in different GoB and foreign aided projects like finance, labor management, purchasing etc. Research task included making field layouts, data collection, setting breeding experiments, field management, hybridization, evaluating segregating generations, data collection, selection and reporting. We also conduct experiments and set demonstrations in farmers' fields to disseminate the new developed technologies rapidly. Other routine duties included arranging training for extension personnel, NGO staff, scientists, teachers, students, and farmers. From December 2021, I have joined at Bangladesh Agricultural Research Council (BARC), the apex body of all agricultural research institutes in National Agricultural Research System (NARS) in Bangladesh as Principal Scientific Officer (Planning and Evaluation). Currently I am supervising the agricultural research institutes to boosting up the research quality and providing policy support to the Bangladesh Government.

2. Area of Expertise [📍Maximum 10 expertise/research interests]

1. Project development, operation, management and evaluation related to agricultural research.
2. MoU preparation and execution.
3. Conventional and Molecular Breeding in maize, barley, mustard, sesame and other crops.
4. Comparative and Functional Genomics.
5. Plant Biotechnology.
6. Expert in policy documents formulation.

3. Professional Experience [📍Job Experience, as per BARC record]

Designation	Organization	Service Period
Principal Scientific Officer (Planning and Evaluation)	Bangladesh Agricultural Research Council, Farmgate, Dhaka	20/12/2021 ~ Present
Senior Scientific Officer	Bangladesh Agricultural Research Institute (BARI), Gazipur	19/05/2014 ~ 19/12/2021
Scientific Officer	Bangladesh Agricultural Research (BARI), Gazipur	01/02/2006 ~ 18/05/2014

4. Education [📍Graduation and above, as per BARC record]

Degree/Study	University	Passing Year
.... [Post-Doc]
Doctor in Natural Science (Biotechnology)	Wuhan Botanical Garden, University of Chinese Academy of Science	2015
Masters in Biotechnology	Bangladesh Agricultural University, Mymensingh	J-D Semester 2005
Bachelor of Science in Agriculture (Hons)	Bangladesh Agricultural University, Mymensingh	2002 (held in 2004)

5. No. of Publications [📍Scholarly publications]-61

- Peer Reviewed Journal Articles
Principal Author- [11], Co Author- [23]
- Popular Articles
Principal Author- [18], Co Author- [..]

- Book/Book Chapters
Principal Author- [. . .], Co Author- [02]

- Others [Leaflets, seminar, conference]
Principal Author- [02], Co Author- [05]

6. Public Profile [Link to professional profiles (one/more, whichever is available)]

Domain

Link to Profile

ORCID

<https://orcid.org/my-orcid?orcid=0009-0002-3362-4867>

ResearchGate

https://www.researchgate.net/profile/A-B-M-Khaldun-2?ev=hdr_xprf

Google Scholar

https://scholar.google.com/citations?view_op=list_works&hl=id&user=-BxPuZUAAAAJ

LinkedIn

<https://www.linkedin.com/in/dr-a-b-m-khaldun-sohel-92b76032/>