



Dr. Md. Rezwan Molla

Principal Scientific Officer

Crops Division
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1. Career Brief

Dr. Md. Rezwan Molla is an agricultural scientist with over 19 years of experience focuses on the conservation, characterization and sustainable use of PGRFA. His work integrates molecular genetics, plant breeding, and climate change adaptation strategies to strengthen crop resilience against abiotic stresses such as drought, salinity and waterlogging. He has extensive experience in germplasm exploration, DNA fingerprinting, molecular characterization using SSR markers and genetic diversity assessment, supporting both biodiversity conservation and plant variety protection. He currently serves as Principal Scientific Officer (Crops) at the BARC, where he contributes to national agricultural research planning, biodiversity policy development, and plant genetic resource management. Dr. Molla has published 40+ scientific papers and received prestigious awards. He actively contributes to national and international biodiversity initiatives, including CGIAR and global genetic resources programs.

2. Area of Expertise

Plant Genetic Resources (PGR) Conservation and Management, Climate-Resilient Crop Development, Biodiversity Conservation and Policy Development, Plant Breeding and Genetic Diversity Analysis, Agricultural Research Planning and Coordination

3. Professional Experience

Designation	Organization	Service Period
Principal Scientific Officer (Crops)	Bangladesh Agricultural Research Council	01/03/2023 ~ Present
Senior Scientific Officer	Bangladesh Agricultural Research Institute	30/06/2020 ~ 28/02/2023
Scientific Officer (Plant Breeding)	Bangladesh Agricultural Research Institute	04/09/2006 ~ 29/06/2020

4. Education

Degree/Study	University	Passing Year
PhD in Genetics and Plant Breeding	Bangladesh Agricultural University	2020
MS in Biotechnology	Bangladesh Agricultural University	2005
B.Sc. in Agriculture (Hon's)	Bangladesh Agricultural University	2003

5. No. of Publications [Total 57]

- Peer Reviewed Journal Articles
Principal Author- [16], Co Author- [27]
- Popular Articles
Principal Author- [04]
- Book/Book Chapters
Co Author- [06]
- Others [Booklet/Leaflet]
Co Author- [04]

6. Public Profile

Domain

ORCID
ResearchGate
Google Scholar

Link to Profile

<https://orcid.org/0009-0008-9880-4248>
<https://www.researchgate.net/profile/Md-Rezwan-Molla>
<https://scholar.google.com/citations?user=afBbZioAAAAJ&hl=en>