



# DR. A.F.M. TARIQUL ISLAM

Chief Scientific Officer

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## 1. Career Brief

Dr. AFM Tariqul Islam is a Chief Scientific Officer at the Bangladesh Agricultural Research Council, specializing in agricultural engineering, agro-geoinformatics, and climate-resilient farming systems. He holds a PhD in Water Resources Development and applies remote sensing, GIS, and data-driven crop modeling in crop water productivity and resource management. His research works advances precision farming, climate-resilient agriculture, and sustainable intensification. Dr. Islam has authored over 40 peer-reviewed publications and actively contributes to national and international initiatives on food and water security, supporting evidence-based policy and innovation in agriculture.

## 2. Area of Expertise

Agricultural Water & Irrigation Management; Agro-Geoinformatics; Smart Farming; Crop Modeling & Simulation

## 3. Professional Experience

Designation	Organization	Service Period
Chief Scientific Officer	Bangladesh Agricultural Research Council	23.09.2025~ Present
Principal Scientific Officer	Bangladesh Agricultural Research Council	20.12.2021~22.09.2025
Senior Scientific Officer	Bangladesh Agricultural Research Institute	15.10.2017 ~ 19.12.2021
Scientific Officer	Bangladesh Agricultural Research Institute	01.02.2006 ~ 14.10.2017

## 4. Education





Degree/Study	University	Passing Year
PhD	Bangladesh University of Engineering & Technology (BUET)	2019
Master in Computer Science	Jahangirnagar University	2014
Mater of Water Resources Engineering	Bangladesh University of Engineering & Technology (BUET)	2009
MS in Food Technology	Bangladesh Agricultural University (BAU)	2004
B.Sc. in Agricultural Engineering	Bangladesh Agricultural University (BAU)	1999

## 5. No. of Publications

- Peer Reviewed Journal Articles  
Principal Author- [7], Co Author- [19]
- Popular Articles  
Principal Author- [3], Co Author- [0]
- Book/Book Chapters  
Principal Author- [2], Co Author- [0]
- Others [Conference paper & Technical Report]  
Principal Author- [3], Co Author- [8]

## 6. Public Profile

### Domain

 ORCID  
 ResearchGate  
 Google Scholar  
 LinkedIn

### Link to Profile

<https://orcid.org/0000-0001-6160-6274>  
<https://www.researchgate.net/profile/Afm-Tariqul-Islam-2....>  
<https://scholar.google.com/citations?user=AlfG6fUAAAAJ&hl=>  
<https://www.linkedin.com/in/afm-tariqul-islam-1694971b/edit/intro/>