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# ZOBAER AHMED

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[zobaerahmed.us](https://github.com/zobaerahmed) [in www.linkedin.com/in/zobaer-ahmed](https://www.linkedin.com/in/zobaer-ahmed)

## Agriculture, Climate Change, Adaptation and Sustainability Data Researcher

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### Career Summary

*Multidisciplinary professional.* Key areas of interest and expertise include Climate and its Impact Assessment, Vulnerabilities and Risk Analysis, Climate Change Adaptation Strategies in Agriculture & Food Security, Human-Environment System Interactions, Rural Development, Environmental and Sustainable Development, Market Research & Strategy, Proposal Writing, Article Review & Editing, Monitoring & Evaluation and Project Management

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### Research Experience

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| Jan 2020 - Current  | Ph.D. Graduate Research Assistant<br><i>Arkansas State University (USA)</i> <ul style="list-style-type: none"><li>Managing data collection, analysis and writing papers for publications</li><li>Part-time teaching Bachelor level students</li><li>Working with scientists (climate change adaptation in agriculture, vulnerability and food security)</li></ul>                                                                                                                      |
| Sep 2018 - May 2019 | Visiting Research Fellow<br><i>Florence University (Italy)</i> <ul style="list-style-type: none"><li>Facilitated as a guest lecturer in several workshops and seminars on research methods</li><li>Directed climate change adaptation innovation works with water harvesting lab</li><li>Collaborated in proposal writing and joint publication</li></ul>                                                                                                                              |
| Jan 2013 - Aug 2017 | Assistant Manager (Monitoring and Research)<br><i>Friendship NGO (BGD)</i> <ul style="list-style-type: none"><li>Supervised and managed 30+ projects in DRR, agriculture, food security &amp; climate change adaptation</li><li>Structured 20+ research proposals and concept notes (secured funding for 12 proposals)</li><li>Developed 15+ project monitoring and evaluation guidelines, operation manuals, and innovative process manuals to improve operational outcomes</li></ul> |
| Mar 2016 - Sep 2017 | Country Manager (Research, Strategy and Operation)<br><i>Premise Data (USA)</i> <ul style="list-style-type: none"><li>Managed and supervised directly more than 3000+ users</li><li>Controlled payments distribution of more than 0.5 million USD</li><li>Escalated user issues and followed proper training procedure</li><li>Developed 5+ in-depth training manuals and visuals for users</li></ul>                                                                                  |

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### Education

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| 2020 - Ongoing | Ph.D. in Environmental Sciences<br><i>Arkansas State University</i><br>GPA (Until Fall, 2020): 4.00/4.00                                                                           |
| 2017 - 2019    | Joint International Master of Science in Rural Development (IMRD)<br><i>Ghent University, Humboldt University of Berlin and Pisa University</i><br>Credit Hour: 60, GPA: 3.61/4.00 |
| 2012 - 2014    | Master of Science in Disaster (Climate Change) Management<br><i>University of Dhaka</i><br>Credit Hour: 60, GPA: 3.60/4.00                                                         |
| 2007 - 2012    | Bachelor of Science in Agriculture<br><i>Bangabandhu Sheikh Mujibur Rahman Agricultural University</i><br>Credit Hour: 244, GPA: 3.47/4.00                                         |

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## Computer Skills

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Microsoft Office Suite, Outlook, Data Analytics Software (R-Studio, Base R, ArcGIS Pro, SPSS, Excel Solver), Mobile Based Data Solution, Basic UI, and UX designing, Communication (UserVoice, Slack, Trello, Intercom, Zoho, etc), Google Suite, Mendeley, Prezi.

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## Major Trainings and Certifications

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- Measuring Climate Adaptation Success and Progress: Introduction to the Resilience Metrics (Graham Sustainability Institute)
- Case Study Certificate on Agriculture and Rural Transitions
- Research Internship Certificate at COSPE, Italy
- International Training Workshop on Monitoring and Evaluation (M&E) for Community Based Adaptation (CBA)
- Training Course on SPSS data analysis software for Professionals, Researchers, and Students
- Training Program on Community-Level Collapse Structure Search, Rescue, First Aid, and Fire Fighting Operation

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## Achievement and Awards

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- Received funding for Ph.D. research from Arkansas State University (USA)
- Received European Commission Erasmus Mundus Scholarship 2017-2019 for Study MSc in International Rural Development
- Received Ghent University, Belgium Top-up grant 2017
- Telenor Youth Forum 2016 (Semi-Finalist- m-Donation system)
- Olympic Day Run Certificate 2008

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## Key Publications

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- Work in Progress (Research Article): Climate Change Risk Perceptions May Drive Agricultural Technology Adoption in the Polder Areas of Bangladesh. (Southern Agricultural Economics Association: <https://www.saea.org/>)
- Joint Work in Progress (Research Article): Identifying Drivers of NRCS Conservation Cost-Share Program Participation in Arkansas
- Recently submitted (Research Article): Climate Change Risk Perceptions and Agricultural Adaptation Strategies in Vulnerable Riverine Char Islands of Bangladesh (Land Use Policy Journal: <https://www.journals.elsevier.com/land-use-policy>)
- Recently submitted (Book Chapter): Agriculture in Riverine Chars of Northern Bangladesh: Vulnerabilities to Climate Change and Community Based Adaptation (<https://link.springer.com/>)
- Pattern Recognition of Rainfall Using Wavelet Transform in Bangladesh (<http://www.scirp.org/Journal/PaperInformation.aspx?PaperID=82469>)
- Impact of Climate Change on Food Security in Bangladesh (<https://www.omicsonline.org/open-access/impact-of-climate-change-on-food-security-in-bangladesh-2157-7463-1000306.pdf>)
- Case Study: Mainstreaming Disaster Risk Reduction into the Construction Sector in Bangladesh (<http://www.irdrinternational.org/2017/05/12/co-designing-disaster-risk-reduction-solutions-towards-participatory-action-and-communication-in-science-technology-and-academia/>)

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## Dissertations

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- 1st Master's thesis: Food Security, Climate Change Experience and Adaptation Strategies for Agriculture in Southern Patuakhali of Bangladesh
- 2nd Master's thesis: Community-based climate change adaptation in agriculture and food security status of hazard-prone rural riverine char areas in Bangladesh

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## References

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References Available Upon Request