

Dr. Md Tariqul Islam Shajib

Assistant Professor

Department of Disaster Risk Management

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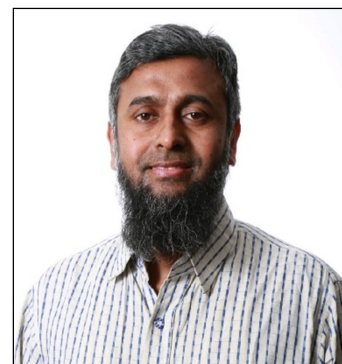
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Google Scholar: <https://scholar.google.com/citations?user=SWDNaoEAAAAJ>

ResearchGate:

https://www.researchgate.net/profile/Md_Tariqul_Islam_Shajib



HIGHLIGHTS OF EXPERIENCE AND EXPERTISE

- Over 12 years of research and teaching experience in the field of Analytical, Environmental Chemistry e.g. Soil, water and Agriculture, Hazards and Disaster Risk Sciences and Management. (Runoff water and agricultural and food components and water quality improvements)
- Highly experience and Primary user of in Orbitrap Exploris 120 (LCMS) (ThermoScientific)
- Highly Experience in Auto Trace 280 (Automated Solid Phase Extraction) for Extracting samples of Drinking water, soils, waste water following EPA 533, EPA537 and EPA 1633 method.
- Expert on environmental risk assessment
- Experience in sample preparation for Radioisotope analysis in ICP-MS and AMS
- Experience in weed bio-assays, allelopathy, primary and secondary plant metabolites
- Highly experience in representative sampling (soil, urban runoff, deep water as well as foods)
- Hands on experience in instrumentation like ICP-OES, ICP-MS, LCMS-MS ((Agilent 1200 Series HPLC using AB Sciex 3200 QTrap system for mass spectrometric detection), IC, TOC-Analyzer, instrument control software, and samples collection from both laboratory and fields including water resources,
- Experience in developing and validating analytical techniques for passive sampler sorbicell.
- Experience in working at stress environment to finalize the task before the deadline and multiple projects simultaneously and dealing with changes due to unexpected events and work outdoor under adverse weather condition during the day, night even at the weekend.
- Statistical analysis of dataset using SPSS, OriginPro and R (Basic)
- Experience in multivariate statistics for Principal Component Analysis (PCA)
- Good command in written and oral communication and writing reports in English

GRANTS (FUNDED)

- 10/2024-09/2027** United States Department of Agriculture- National Institute of Food Agriculture (USDA-NIFA): *Emerging contaminants – Per- and polyfluoroalkyl substances (PFAS) in Agro-Ecosystem and its removal*
Grants total :\$ 1.0 million (Lead Co-Principal Investigator)
Department of Natural Resources and Environmental Design
North Carolina Agricultural & Technical State University, USA

EDUCATIONAL BACKGROUND

03/2014-12/2019 **Ph.D. in Environmental Chemistry and Toxicology**
University of Copenhagen, Denmark
Title of the project: Pollutants in runoff from urban surfaces (Specialization-Environmental Analytical chemistry)
Minor: Climate Change, Hazardous materials, Trace elements, Environmental Soil Chemistry
Result: Awarded

2009-2011 **Master of Science (M.Sc.) in Agro-Environmental Management**
Aarhus University, Denmark
Thesis title: Uptake of biochanin A and identification and quantification of biochanin A transformation products in susceptible and non-susceptible weed species (Specialization-Environmental Analytical chemistry)
Major Courses: Carbon Cycling and Climate Change, Nutrient Cycling and Environmental Management, Agro-Ecology and Environment, Agricultural Policy and Environmental Regulations, Agro-Ecosystem Analysis at Regional Level and Farm Level.
Result: Awarded

2003-2007 **Bachelor of Science in Agriculture [B.Sc.Ag. (Hon's.)]**
Patuakhali Science and Technology University, Bangladesh
Result: A Grade, 3.81 (Out of 4.0) (186 Credits)
Major Courses: Soil Science, Environmental Science, Horticulture, Agronomy, Plant pathology, Entomology, Agricultural Chemistry, Biochemistry, Genetics and Plant Breeding, Biotechnology, Statistics and Agro-Forestry.

PROFESSIONAL EXPERIENCE

07/2025- **Assistant Proctor**
Patuakhali Science and Technology University
Dumki-8602, Patuakhali, Bangladesh. &

06/2025- **Assistant Professor**
Department of Disaster Risk Management
Faculty of Environmental Science and Disaster Management
Patuakhali Science and Technology University
Dumki-8602, Patuakhali, Bangladesh.

Major responsibilities **Teaching and Research**
Conducting following courses at Undergraduate level
Disaster Management: Theories and Practices, Disaster Management in Crop Agriculture and Food security, River erosion, Flood and Water Management, Disaster Management in livestock and fisheries, Drought management and Adaptation and Disaster Management System: Global and Regional Issues.
Will be Conducting following courses at Graduate level
Responsible Research Conduct, Theories and Practices of Samplings, Introduction to University Pedagogy

10/2024-06/2025 **Post-doc & Co-PI (USDA-NIFA funded project) (1 year 9 months)**
“Emerging contaminants-PFAS in Agro-system and its removal”
Department of Natural Resources and Environmental Design &
Post-doctoral Research Associate

11/2023-10/2024 Department of Natural Resources and Environmental Design
North Carolina Agricultural & Technical State University, USA

<i>Major responsibilities</i>	Removal of pollutants in Agricultural wastewater using Ecological Engineering Techniques Co-supervising Graduate and undergraduate students Writing proposal for fundings Writing Manuscript for publication in journal
02/2020-09/2023	<p>Environmental Scientist (3 years and 7 months) Environment and Climate Change Division Care to people Denmark (a non-profit Association in Denmark) Magevej 84 st. 2400 Copenhagen NV, Denmark</p> <ul style="list-style-type: none"> -Developed and submitted project in the field of environment and climate change to different national International funding agencies -Supervised the international volunteers of the association so that they were able to execute their responsibilities to their highest potential -Prepared Manuscript and published articles in journal (Published 1 book Chapter as First author and an article in Scientific Reports (Nature Springer) as a co- author)
<i>Major responsibilities</i>	
05/2018–01/2020	<p>Scientific assistant (Post-doc equivalent) (1 year and 8 months) Section for Environmental Chemistry and Physics University of Copenhagen, Denmark</p> <ul style="list-style-type: none"> -Analyzed the data by OriginPro and SPSS and Latentix software -Environmental Risk Assessment of urban runoff in the Beijing area. -Supervised M.Sc. students -Prepared Manuscript and published articles in the high ranked journal
<i>Major responsibilities</i>	
03/2014–04/2018	<p>Ph.D. Employee (Research position) (4 Years and 1 month) Section for Environmental Chemistry and Physics University of Copenhagen, Denmark</p>
<i>Major responsibilities</i>	<ul style="list-style-type: none"> -Developed urban runoff sampling protocols for time-dependent urban runoff sampling and analysis for Environmental pollutants in urban runoff in Beijing, China and Copenhagen, Denmark. -Prepared (separation into dissolved and particulate) and Analyzed runoff samples for analyzing heavy metal, rare earth element and polycyclic aromatic hydrocarbon -Developed an artificial rainfall simulator to produce heavy rainfall in Beijing area to wash-off atmospheric deposition in different urban rooftops -Analyzed the data by Using R, OriginPro and SPSS and Latentix software -Environmental Risk Assessment of urban runoff in the Beijing area. -Writing monthly progress report for supervisors in Denmark while conducting Ph.D. research work at Chinese Academy of Sciences, Beijing, China -Preparation of Manuscript and publication of articles in the high ranked journal
08/2012-04/2013	<p>Material Engineer Assistant (9 months) Copenhagen Metro Team, Metrovej , 2770 Copenhagen, Denmark</p>
<i>Major responsibilities</i>	<ul style="list-style-type: none"> -Preparation of report and Environmental data handling, -Assisting the Material Engineer, -Preparation of Material Submittal Sheets for ordering high quality goods for Metro Rail Projects in Copenhagen, Denmark
06/2011-07/2011	<p>Agricultural Research Assistant (2 months) Department of Agroecology, Aarhus University, Denmark</p>
<i>Major responsibilities</i>	<p>Various agricultural research work at different research plots in Denmark and Research station in Sweden</p>

11/2008-08/2009 **Research Assistant (9 months)**
USAID and FAO funded project. Institute of Nutrition and Food Science, University of Dhaka, Bangladesh
Major responsibilities Analysis of Vitamin C, Carotenoids and minerals in different fruits and vegetables in Bangladesh

PEER REVIEWED PUBLICATIONS

2026

****Shajib Md Tariqul Islam, Gautam Sisam, Roy Sushmita, Mollah Mohammad Ashraful Haque and Aryal Niroj.** Source identification of Emerging Contaminant PFAS in the urban and airport dominated surface water in The Triad region of North Carolina, USA. Full Research Article In preparation to be submitted to **Environmental Pollution.**

****Shajib Md Tariqul Islam, Thapa Arjun, Roy Sushmita, Subedi Kiran and Aryal Niroj.** Source-Specific Ecological Risk Assessment of Metals in the urban and airport dominated surface water and sediments in The Triad region of North Carolina, USA. Full Research article in preparation to be submitted to **Environmental Pollution.**

2024

Mohamad Hilmi Ibrahim, Osumanu Haruna Ahmed, Nik Muhamad Ab.Majid, Mohd Rashid Mohd Rakib, Nur Aainaa Hasbullah, Rahayu Sukmaria Sukri, Susilawati Kasim, **Shajib, Md Tariqul Islam.** *Impact of Simulated Acid Rain on Physiochemical Properties of Nyalau Series soil and its solution.* [Scientific Reports](https://doi.org/10.1038/s41598-024-52758-1) volume 14, Article number: 3534 (2024). doi.org/10.1038/s41598-024-52758-1

2022

Shajib M.T.I, Ferdous M.M., Habiba U., Shah A., Islam SN (2022). *Phytonutrients in Monkey jack (Dewa) Artocarpus lakoocha* (2022). Handbook of Phytonutrients in Indigenous Fruits and Vegetables (eds D. Sivakumar et al.). Center for Agriculture and Bioscience International (CABI), Australia. DOI: 10.1079/9781789248043.0021

2020

Shajib Md Tariqul Islam, Hansen, H.C.B., Tao Liang, Holm P.E. Rare Earth element in surface specific urban runoff in Northern Beijing. *Science of the total Environment* 2020 May; 717. doi.org/10.1016/j.scitotenv.2020.136969

2019

Shajib M.T.I, Hansen H.C.B., Tao L., Holm P.E. Metals in surface-specific urban runoff in Beijing, China. *Environmental Pollution.* 2019 May; 248:584-598. doi:10.1016/j.envpol.2019.02.039.

2013

Shajib Md Tariqul Islam, Mia Md Nuruddin, Begum Parveen, Kawsar Mahbuba, Bhattacharjee Lalita, Fomsgaard Inge S, Islam Sheikh Nazrul. *Nutritional composition of Minor indigenous fruits: cheapest nutritional source in the rural people of Bangladesh.* **Food Chemistry** 140 (2013) pp 466–470. doi.org/10.1016/j.foodchem.2012.11.035

2012

Shajib Md Tariqul Islam, Pedersen Hans Albert, Mortensen Anne Garfield, Kudsk Per, Fomsgaard Inge Sindbjerg. *Phytotoxic effect, uptake and transformation of biochanin A in selected weed species.* **Journal of Agriculture and Food Chemistry.** 2012, 60, 10715–10722. DOI:10.1021/jf3023589. Publication Date: **October 02, 2012.** doi.org/10.1021/jf3023589

Md. Tariqul Islam Shajib. *Isoflavonoid-biochanin A as an allelopathic agent for weed suppression.* LAMBERT Academic Publishing, ISBN-13: 978-3-659-29958-2, November 22, 2012. (<https://www.lap-publishing.com/catalog/details/store/gb/book/978-3-659-29958-2/isoflavonoid-biochanin-a-as-an-allelopathic-agent-for-weed-suppression>)

CONFERENCE PROCEEDINGS

Shajib Md Tariqul Islam, Hansen, H.C.B., Tao Liang, Holm P.E. Heavy metals in site-specific urban runoff in Beijing, China: Occurrence and partitioning. Abstract was presented as an oral Presentation and was published in proceeding of the 18th International Conference on Heavy Metals in the Environment, 12 to 15 September 2016, Ghent, Belgium.

openjournals.ugent.be/ichmet/article/71403/galley/195640/view/

Shajib Md Tariqul Islam, Hansen, H.C.B., Tao Liang, Holm P.E. A NEW APPROACH FOR SAMPLING AND MONITORING OF DISSOLVED HEAVY METALS IN URBAN RUNOFF BY MEANS OF PASSIVE SAMPLER SORBICELL was presented as an oral Presentation and published as conference proceeding of the 18th international conference on Heavy metals in the Environment, at Ghent, Belgium. Conference was held on 12- 15 September, 2016.

openjournals.ugent.be/ichmet/article/71087/galley/195324/view/

Contribution to Conference (Oral Presentation)

Shajib Md. Tariqul Islam^{a*}, Md. Nuruddin Miah^a, Parveen Begum^b, Mahbuba Kawsar^b, Lalita Bhattacharjee^c, Inge S. Fomsgaard, Sheikh Nazrul Islam^b. *Nutritional composition of Minor indigenous fruits: cheapest nutritional source in the rural people of Bangladesh.* Abstract was presented as an oral Presentation at the 9th International Food Data Conference, Norwich, UK. Conference was held on 14-17 September, 2011, 14th September, 2011). (https://ifr.conferenceservices.net/programme.asp?conferenceID=2520&action=prog_list&session=16737)

Contribution to Conference

Oral Presentation

Shajib Md Tariqul Islam, Hansen, H.C.B., Tao Liang, Holm P.E. Heavy metals in site-specific urban runoff in Beijing, China: Occurrence and partitioning. Abstract was presented as an oral Presentation at the 18th international conference on Heavy metals in the Environment, at Ghent, Belgium. Conference was held on 12-

15 September, 2016. <http://www.ichmet2016.ugent.be/index.php?pg=aimsandscope>

Shajib Md Tariqul Islam, Hansen, H.C.B., Tao Liang, Holm P.E. A new approach for sampling and monitoring of dissolved heavy metals in urban runoff by means of passive sampler Sorbicell.

Manuscript in preparation. Abstract was accepted as an oral Presentation at the 18th International conference on Heavy metals in the Environment, at Ghent, Belgium. Conference was held on 12-

15 September, 2016. <http://www.ichmet2016.ugent.be/index.php?pg=aimsandscope>

Poster Presentation

Mohammad Ashraful Haque Mollah*, **Md Tariqul Islam Shajib** and Niroj Aryal (2025). GenX Removal in Hybrid Constructed Wetlands: A Nature-Based Approach to PFAS Mitigation. A poster was presented in 2025 American Ecological Engineering Society Meeting at University of Georgia, Athens, Georgia, USA.

Sushmita Roy, **Md Tariqul Islam Shajib** and Niroj Aryal (2025). Antibiotics removal in agro-farm using ecological engineering techniques. A Poster was presented in 2025 American Ecological Engineering Society Meeting at University of Georgia, Athens, Georgia, USA

Sisam Gautam, **Md Tariqul Islam Shajib** and Niroj Aryal (2025). Efficacy of Biochar, Bacteria and Crops in Remediating PFAS and Enhancing Plant Productivity. A Poster was presented in 2025 American Ecological Engineering Society Meeting at University of Georgia, Athens, Georgia, USA.

Sushmita Roy, **Md Tariqul Islam Shajib** and Niroj Aryal (2024). Removal of five commonly used antibiotics in agro-farm using ecological engineering techniques. Poster was presented in 2024 American Ecological Engineering Society Meeting at Virginia Tech University. [Program for Thursday, May 30th](#)

Md Tariqul Islam Shajib, Sierra Franco, Kiran Subedi and Niroj Aryal (2024). Adsorption and transport of GenX in biochar-amended soils. Poster was presented in 2024 American Ecological Engineering Society Meeting at Virginia Tech University. [Md Tariqul Islam Shajib](#)

Md Tariqul Islam Shajib, Sushmita Roy, Kiran Subedi and Niroj Aryal (2024). Removal antibiotics in agro-farm using ecological engineering techniques. Poster was presented in the Association of 1890 Research Directors (ARD) 21st Biennial Research Symposium in Nashville, Tennessee, from April 6 to April 9, 2024.

Md. Tariqul Islam Shajib, Hans Albert Pedersen, Anne Garfield Mortensen, Per Kudsk, and Inge Sindbjerg Fomsgaard. Allelopathic effects of biochanin A on selected weed species. **2012**. Poster presented to the ACS National Meeting & Exposition, Philadelphia, United States.

Hans Albert Pedersen, **Md. Tariqul Islam Shajib**, Per Kudsk, Anne Garfield Mortensen, and Inge S. Fomsgaard “*Allelopathic effects of Biochanin A on selected weed species*”. Poster presented to the “Metabomeeting 2012” Manchester Conference Centre, September 25-27th 2012, Manchester, UK. (http://thempf.org/mpf/cms/images/stories/MM12/metabomeeting2012_book.pdf)

Md. Tariqul Islam Shajib, Dilruba Yasmin Jhorna, Monjhurul Ahsan Chowdhury, Lalita Bhattacharjee, Inge Sindbjerg Fomsgaard, Sheikh Nazrul Islam. *Nutrient Composition of Artocarpus lakoocha Fruit: A Minor Indigenous Fruit Can Meet the Nutrient Requirement of the Rural Peoples of Bangladesh*. Abstract accepted for poster presentation to the “Tropentag 2012”, Göttingen, Germany. (<http://www.tropentag.de/2012/abstract.php?code=8BwE9F4P>)

Sheikh Nazrul Islam, Gowsia Chowdhury, **Md. Tariqul Islam Shajib**, Parveen Begum, MA Wahed, Harun KM Yusuf, Lalita Bhattacharjee, Sagarmay Barua, M. Akhtaruzaman. *Micronutrients in different varieties of potatoes*. The 8th IFDC Poster code S3-P-5 Abstract no 100- published in 8th IFDC proceeding as poster. (<http://www.inmu.mahidol.ac.th/8IFDC/pdf/POSTER.pdf>)

Sheikh Nazrul Islam, Md. Nazrul Islam Khan, M. Akhtaruzaman, Saiful Huque, Monira Ahsan, **Md. Tariqul Islam Shajib**, Md. Abdul Jalil Mondal, Muhammad Ali Siddiquee, Harun KM Yusuf, Lalita Bhattacharjee, Sagarmay Barua. *Preparation of food composition database with special reference to indigenous and ethnic foods*. The 8th IFDC code S6-P-1 Abstract no 80- published in 8th IFDC proceeding as poster. (<http://www.inmu.mahidol.ac.th/8IFDC/pdf/POSTER.pdf>)

Sheikh Nazrul Islam^a, Tania Nusrat, Parveen Begum, M. Akhtaruzaman, **Md Tariqul Islam Shajib**, Monira Ahsan, MA Wahed, Harun KM Yusuf, Lalita Bhattacharjee, Sagarmay Barua. *Carotenoids and β -Carotene in Orange Fleshed Sweet Potato: A Possible Solution to Vitamin A Deficiency*. The 8th IFDC code S5-P-2 Abstract no 78- Published in 8th IFDC proceeding as poster. (<http://www.inmu.mahidol.ac.th/8IFDC/pdf/POSTER.pdf>)

FELLOWSHIP/SCHOLARSHIP/BURSARY

- Appointed as a **PhD employee** (PhD fellow) by the University of Copenhagen for pursuing PhD research. The PhD project was a collaborative project between University of Copenhagen, Denmark and Sino-Danish Centre, Beijing, China.
- Awarded competitive **EuroFIR Bursary** to attend the 9th International Food Data conference on September, 2011, Norwich UK in order to present “*Nutritional composition of Minor indigenous fruits: cheapest nutritional source in the rural people of Bangladesh*”.
- Achieved **Aarhus University scholarship (Danish State Scholarship)**’ 2009 for studying the M.Sc. in Agro-Environmental Management, Faculty of Agricultural Sciences, Aarhus University, Denmark.
- Awarded fellowship of “**National Science and Information and Communication Technology (NSICT)**, Government of Bangladesh 2007-2008” for carrying out the research work of MS thesis entitled “Analysis of Ascorbic acids, Carotenoids and minerals content in different indigenous minor fruits of Bangladesh”, given by the Ministry of Science and Information and Communication Technology, Government of the People’s Republic of Bangladesh.

REVIEWER

Reviewer - International Water Association (IWA), World Water Congress & Exhibition 2026, UK
Scientific Reports (Nature Springer)
Journal of Water and Environment Technology (Japan Society on Water and Environment)
Food Chemistry
Vegetos (Springer)
Reviewer of American Water Works Association for Academic/Research Scholarship

MENTORSHIP AND SUPERVISORY WORK (PHD)

Mohammad Ashraful Haque Mollah, Session 2024-2027, Emerging Contaminants PFAS in Agro-Ecosystem and its removal technique. Degree Programme: PhD in Sustainable Agriculture and Environmental Science (Ongoing). North Carolina Agriculture and Technical State University, Greensboro, North Carolina, USA.

MENTORSHIP AND SUPERVISORY WORK (MS)

1. Sisam Gautam, Session 2024-2026, Title: Bioaccumulation of PFAS in commonly grown crops in North Carolina with special focus on hydroponics agro-system. Degree Programme: Master’s in Agriculture and Environment (Ongoing), North Carolina Agriculture and Technical State University, Greensboro, North Carolina, USA.

2. Sushmita Roy, Session 2023-2025, Title: Removal of antibiotics in Agricultural runoff using ecological engineering technique. Degree Programme: Master’s in Agriculture and Environment (Ongoing), North Carolina Agriculture and Technical State University, Greensboro, North Carolina, USA.

3. Casper Eskild, Session 2014-2017, Title: Evaluation of dynamic rainfall-runoff simulation system MIKE URBAN for Urban water management using the runoff data collected by velocity dependent passive sampler Sorbicell. Degree programme: Master’s in Water and Environment, University of Chinese Academy of Sciences and Danish Technical University, Denmark

<https://sdc.university/about/news/student-dives-deep-in-ponge-city/>.

MENTORSHIP AND SUPERVISORY WORK (B.Sc.)

1. MD. Maruf Hasan, Student ID no. 2006050, Session 2020-2021, B.Sc. in Environmental Science and Disaster Management (ESDM), Patuakhali Science and Technology University, Bangladesh. Thesis title: *“Comparative Assessment of Heavy Metal Concentrations in Industrial Effluent, Surface Water, of the Sreepur Industrial Area, Gazipur, Bangladesh.”*
2. 1. Asif Iqbal Nabil, Student ID no. 2006031, Session 2020-2021, B.Sc. in Environmental Science and Disaster Management (ESDM), Patuakhali Science and Technology University, Bangladesh. Thesis title: *“Analysis of Heavy Metal Contamination in Surface Waters Adjacent to Industrial Sites in Gazipur Sadar, Bangladesh.”*
3. **Shazeea Prapti**, Student ID no. 2006022, Session 2020-2021, B.Sc. in Environmental Science and Disaster Management (ESDM), Patuakhali Science and Technology University, Bangladesh. Thesis title: *“Environmental Risk assessment of Heavy metals in surface water of Kaliakair industrial areas, Gazipur, Bangladesh.”*
4. **MD Jihad Hossen**, Student ID no. 1906021, Session 2019-2020), B.Sc. in Environmental Science and Disaster Management (ESDM), Patuakhali Science and Technology University, Bangladesh. Thesis title: *“Potential Ecological Risk of Heavy metals in River Water Surrounding Amin Bazar Waste Dumping Site, Dhaka”*
5. **Afsana Jerin Saba**, Student ID no. **2006047**, Session 2020-2021, B.Sc. in Environmental Science and Disaster Management (ESDM), Patuakhali Science and Technology University, Bangladesh. Thesis title: *“Quantitative analysis of the heavy metals in the effluents of Savar tannery, Bangladesh.”*

REFERENCES

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2. Professor Dr. Ahmed Parvez

Department of Environmental Science
Faculty of Environmental Science
and Disaster Management
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Dumki-8602, Patuakhali Bangladesh.

4. Professor Inge S. Fomsgaard (Retd.)

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Email: Inge.Fomsgaard@agro.au.dk

5. Dr. Niroj Aryal

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Environmental Design
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Greensboro 27411, USA
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E-mail: naryal@ncat.edu



MD.TARIQULISLAMSHAJIB

(16-02-2026)

Teaching portfolio

Year	Title of the course	Applicant (my) role	Type	No. of participants	Extent of Applicants' involvement	Level taught	Exam
2024-	Lab class	Lab trainer	Water quality and Analytical chemistry Lab, North Carolina A&T State University, USA	6	1:30 hr per day, 4 days in a week	B.Sc., M.Sc. and Ph.D.	Lab-Training
2024-	Project presentation (Funded)	Lead presenter	PFAS in Agro-Ecosystem and its removal	7	Project presentation	Principal Investigator, PhD, M.Sc.	-
2019	Presentation on Rare earth elements Geochemistry	Oral presentation	Department group meeting, University of Copenhagen, Denmark	15	15 min presentation and 15 min discussion	Ph.D.	-
2018	Presentation on Heavy metals in Urban runoff	Oral presentation	Department group meeting, University of Copenhagen, Denmark	15	15 min presentation and 15 min discussion	Ph.D.	-
2017	Assisting supervisor for preparing Question for M.Sc. course	Teaching assistant	Finalizing the Questionnaire	20	-	-	-
2016	16 ICHMET, Ghent	Oral presenter	International conference	200 plus scientist, however 30 were in our group	15 min+ 5 min question and answer	Conference participants	-
2015	Oral Presentation at German based. Company in Beijing	Oral presentation on a new methods of monitoring Heavy metals	Ramboll offices in Beijing	10	30 min presentation and 90 min discussions	M.Sc. supervision	Discussion and finalizing sampling set up for a M.Sc. student
2015	Supervision of M.Sc. projects	Informal co-supervisor	Supervision in Chinese part, design of experiments, field visits in Tianjin cultural part, China site selection, Meeting, Sample Preparation etc.	1 (Danish M.Sc. student-Danish Technical University)	-	Postgraduate	-
2015	Opening Speech at IGSNRR*	Oral Presentation (2 Examiner and 2 supervisors)	Chinese Academy of Sciences, Beijing	1	30 min oral presentation and Question and comments from 5 Professors in China and	-	-

		+M.Sc.+Ph.D.			Denmark		
2014	Weed science	Participant	Pedagogics course for University lecturers (3X3hours) plus 20min PPT presentation	15	Active participation +Rethought own course material +5 min MCQ question to the listeners (PhD students+ University Teachers)	Department of Science and Research, University of Copenhagen, Denmark	Assignment on going class plus presentation
2011	9 IFDC, UK	Oral Presenter	International conference	140 (Internationally renowned Professor + scientist)	15 min oral Presentation + 5-7 min question answer	-	-
2007	General Knowledge	Teacher	University admission coaching.	35	Took over a course specific chapter	Undergrad.	MCQ question 30min
2006	Physics	Teacher	University admission coaching.	35	Took over a course specific chapter	Undergrad.	MCQ question 30min