

Tanusree Das Gupta

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Academic Credentials

Université Catholique de Lille

JUNIA ISA (Institut Supérieur d'Agriculture)

Master of Science and Engineering in Environmental Science

Grade – 13.64 out of 20

Lille, France

Sep 2022 - Dec 2024

Asian University for Women

Bachelor of Science in Environmental Science & Minor in Mathematics

CGPA - 3.47 out of 4.00

Chattogram, Bangladesh

May 2018 - May 2022

Professional Experience

Research Intern - Small grains breeding and genetics

Department of Agronomy and Horticulture

University of Nebraska – Lincoln

Supervisor - Dr. Katherine Frels

Nebraska, USA

[Apr. 2024 – Sep. 2024]

- Collecting field notes and measurements on plant growth & development throughout Nebraska before harvesting
- Harvesting plant materials for research purposes in the field and greenhouse.
- Using combine machine and running it in the field to collect seeds
- Cleaning and processing seed with seed thresher & arranging seeds for next planting season in the seed research facility.
- Weighing seeds, collecting stems, cutting stems to check sawfly inside.

Project: Determining the correlation between Seed Size and Fertility, and the Impact of Environment in Triticale Varieties in Lincoln and Sidney, Nebraska

- Collected 1200 head samples from triticale trials in Lincoln & Sidney
- Counted florets for each head & threshed the heads using seed thresher.
- Used seed analyzer QM3I at USDA lab to count seeds & get seed size data to find out the fertility rate
- Used regression analysis on R statistics to determine the correlation between seed size & fertility & to find out the best fertile trials in Lincoln & Sidney

Assistant Environmental Engineer Intern

Lion Environmental

Supervisor - Sebastian Stachowski

Warsaw, Poland

[Jun. 2023 – Sep. 2023]

- Phase I Environmental Site Assessment in accordance with ASTM E1527-13 Standard Practice for Environmental Site Assessments with field work; Phase I report preparation
- Reviewing technical documentation for offshore windfarms projects
- GIS analyses & mapping
- Wrote a full comprehensive report on "Environmental impacts of geothermal supplied district heating"

Research Assistant

Center for Climate Change and Environmental Health

Supervisor: Dr. Syed Mohammad Nazim Uddin, Dr. Mukesh Gupta

Chattogram, Bangladesh

[Feb. 2021 – Nov. 2021]

- Involved on a project "Impacts of climate change on species leading to extinction"
- Worked on "Observing the impact of the intraspecific and interspecific competition between two plants called *Basella alba* & *Raphanus sativus*"
- Conducted soil texture analysis to find out the percentages of clay, sand and silt of the soil that we used for our plant competition experiment.

Environmental Health & Safety Intern*Caritas Bangladesh*

Chattogram, Bangladesh

[Jun. 2019 – Sep. 2019]

- Worked in Project "Smile" where I organized safety training & awareness program
- Conducted interviews with 20 workers about their lifestyles & environmental safety management
- Involved in the identification and assessment of workplace hazards
- Documented case studies

Teaching Assistant*Asian University for Women*

Chattogram, Bangladesh

[May 2019 – May 2022]

- Conducted environmental science classes and examinations for "access academy" students in the absence of the supervisor
- Helped students by keeping timely appointments and solving their problem on environmental projects given.

Software Skills

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|---------------------------------------|--------------------|
| • Geographic Information System (GIS) | • RISC 5 |
| • MATLAB | • Microsoft Office |
| • R Statistical Programming | |

Awards

- DGER Grant from Ministry of Agriculture 2025
- Erasmus+ Grant 2023
- French Government Scholarship 2022
- SSC (Secondary School Certificate) Scholarship 2015 (Top 100)
- JSC (Junior School Certificate) Scholarship 2013 (Top 20)

Extra-Curricular Activities

- Enlisted singer in Bangladesh Radio & Television (2013 – 2022)
- Student Ambassador – Study abroad with MACES 2019
- Campus Ambassador – CKH Network (2019 – 2020) & Dream Foundation (2020)
- Organizer – Women in Education Summit 2019
- Membership – Bangladesh Innovation Summit 2019

Referees

- | | |
|---|--|
| • Dr Sayed Mohammad Nazim Uddin
Associate professor
Department of Environmental science
Asian University for Women
Chittagong, Bangladesh
sayed.uddin@auw.edu.bd | • Dr Aritz Burges
Research Professor
Department of Health & Environment
JUNIA ISA (Institut Supérieur d'Agriculture)
Lille, France
aritz.burges@junia.com |
| • Dr Katherine Frels
Assistant Professor
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