

Sumaiya Chowdhury

76829 Landau in der Pfalz, Germany

chow8704@uni-landau.de

+4917658335291

www.linkedin.com/in/sumaiyafrachowdhury

EXPERIENCE

ACADEMIC

- Jan 2021 - Present **Research Assistant**, University of Koblenz-Landau, Landau in der Pfalz, Germany.
Rearing and maintenance of *Chironomus spp.*
- Aug 2019 - Nov 2020 **Research Assistant**, Dr. Christoph Hoffmann, Julius Kühn Institut, Germany.
Rearing of *Drosophila suzukii*, Behavior test with *Drosophila suzukii*, literature review, data collection and analyses.
- Jun 2019 - Jul 2019 **Internship**, Dr. Christoph Hoffmann, Julius Kühn Institut, Germany.
Evaluate the effect of different mixture of plant protection products on scale insects (*Homoptera Coccina*) and parasitic wasp (*Acerophagus maculipennis*).
- Sept 2015 - Feb 2017 **Research assistant**, Dept. of Soil, Water and Environment, University of Dhaka, Bangladesh.
Chemical analyses of environmental samples, data collection and analyses.

PROFESSIONAL

- Apr 2018 - Sept 2018 **Assistant Consultant (Environment)**, EQMS Consulting Limited, Bangladesh.
Field survey, environmental impact assessment (EIA) of project site, public consultation program.

EDUCATION

- Oct 2018 – Mar 2022 **M. Sc. in Ecotoxicology**, University of Koblenz-Landau, Landau in der Pfalz, Germany.
- Sept 2015 – Apr 2017 **M. Sc. in Soil Science**, University of Dhaka, Bangladesh.
Thesis: "Antibacterial Activity of Soil-bound Antimicrobial Oxytetracycline"
CGPA: 3.93 out of 4.00
- Jan 2011 – Apr 2015 **B. Sc. in Soil, Water and Environment**, University of Dhaka, Bangladesh.
Seminar: "Microalgae: An Alternative Source of Renewable Energy"
CGPA: 3.96 out of 4.00

HONORS & AWARDS

- 2018 Gold Medal (for highest academic standing at the graduate level in the Dept. of Soil, Water and Environment) : Top 1 % of students
- 2017 Gold Medal (for highest academic standing at the undergraduate level in the Faculty of Biological Science) : Top 1 % of students
- 2017 National Science and Technology Fellowship
- 2016 Dean's honor list for exemplary performance: Top 5 % of students
- 2014 Bank of Tokyo - Mitsubishi UFJ Scholarship

SOFTWARE & PROGRAMMING SKILLS

- Intermediate R, QGIS
Beginner LaTeX, Git, ArcGIS

PUBLICATIONS

PEER-REVIEWED JOURNAL ARTICLE

Mottalib, M. A, Sultana, A., Rahman, M. M., Zilani, G., **Chowdhury, S.** & Hoque, S. (2017). Investigation onto Soil Salinity of Hazaribagh Tanning Industrial Area, Dhaka, Bangladesh. *IOSR-JESTFT*, 11(8), 44 - 49.

POSTERS

Duque, T., **Chowdhury, S.**, Scherf, G., Schäfer, R. B., Entling, M. H. (2021). Chemical sensitivity of spiders: effects of morphology, phylogeny and habitat. In Proceedings of the 2021 Virtual Meeting of the American Arachnological Society.

Chowdhury, S., Chakma, P. & Hoque, S. (2017). Antibacterial activity of soil-bound oxytetracycline. In Proceedings of the Symposium on Environmental Chemistry for Securing Water Quality, Dhaka, Bangladesh.

Chakma, P., **Chowdhury, S.** & Hoque, S. (2017). Transformation of malathion by phosphate solubilizing bacteria. In Proceedings of the Symposium on Environmental Chemistry for Securing Water Quality, Dhaka, Bangladesh.

PERSONAL SKILLS

Language skills	English : Professional working proficiency Bengali : Native or Bilingual Proficiency German: Elementary proficiency
Organizational & Communicational skills	<ul style="list-style-type: none"> • Good organizational skills gained as a research assistant. • Good team leading & event management skills gained as program officer of different campaign activities. • Ability to interact and effectively communicate with people from diverse backgrounds, by showing interest and carefully listening to their needs. • Strong presentation and demonstrating skills.
Voluntary activities	<ul style="list-style-type: none"> • Student Mentor for international students at University of Koblenz-Landau, Germany • Member of TEDxStuttgart • Member of Dhaka University Environment Society