



MEHTABIDAH ALI

SKILLS

- MS Word
- MS Excel
- PowerPoint
- Python
- GIS Software
- PHREEQC
- Leadership Ability
- Self-Motivated
- Problem-Solving
- Creative Thinking
- Good Presentation Skills
- Article Writing

SUMMARY

Contributing to Sustainable Development Goals by investigating the impact of air pollution on climate change.

EXPERIENCE

1. BOOK DEVELOPER

Tourism Sports & Culture Department | Gahkuch, Ghizer, Gilgit Baltistan, Pakistan | July 2016 - September 2016

- Developed a tourist guidebook entitled "Ghizer the Land of Lakes."
- Adhered to the specific narrative, grammatical, and structural styles for different pieces.

2. CASE STUDY WRITER

Ministry of Climate Change (REDD+) | Islamabad, Federal | June 2018 - September 2018

- Collaborated with community-based organizations and key stakeholders to address the issues regarding environmental and social safeguards.
- Conducted issue-based research to find solutions for climate change factors in Northern Pakistan

PUBLICATIONS

1. A Ph.D. research paper entitled "Assessing Climate-Driven Impacts on Karakoram Glacier Surge: A Geospatial Analysis Highlighting Shishper Glacial Lake Outburst Flood Events (2019-2022) as Prime Example" was published in the international journal of Heliyon, Volume 10, Issue 16, 2024, e35951, ISSN 2405-8440, <https://doi.org/10.1016/j.heliyon.2024.e35951>

LANGUAGES

English:



Full Professional

Urdu:



Native/ Bilingual

EDUCATION AND TRAINING

Ph.D.

Earth and Atmospheric Sciences

The University of Houston,
Houston, TX

GPA = 3.4 (Coursework)

Master of Science

Environmental Sciences

Quaid-i-Azam University,
Islamabad, Pakistan

September 2019

GPA = 4

Bachelor of Science**Environmental Science**

Fatima Jinnah Women's University,
Rawalpindi Pakistan, July 2016

Higher Secondary School**Certificate (HSSC)**

Aga Khan Higher Secondary School
Gahkuch, Pakistan, June 2012

Secondary School Certificate (SSC)

Aga Khan Higher Secondary School,
Gahkuch, Pakistan, June 2010

2. M.Phil. 's research paper, "Chlorpyrifos Mediated Oxidative Damage and Histopathological Alterations in Fresh Water Fish *Oncorhynchus mykiss* in Northern Pakistan, " was published in the Journal of Aquaculture Research. Reference: Aquatic Res. 2020; 00:1- 12. <https://doi.org/10.1111/are.14804>.
3. Review article entitled "Dechlorane Plus as an Emerging Environmental Pollutant in Asia: a review published in the Journal of Environmental Science and Pollution Research (ESPR)" Reference: <http://doi.org/10.1007/s11356-020-10609-2>
4. A bachelor research paper entitled "Sorption Interactions of Fungicidal (2-4'-Thiazolyl) Benzimidazole with Soils of Divergent Physicochemical Composition" was published in the International Journal of Economic and Environmental Geology. Reference: Int. J. Econ. Environ. Geol. Vol. 10 (2) 97-104, 2019. ISSN: 2223-957X.
5. The book chapter entitled "Toxicity Evaluation in Marine Flora and Fauna Exposed to Marine Pollution" was published in the eBook Marine Ecology: Current and Future Developments Vol.1. Reference: eISBN:9789811412691, ISBN: 9789811412684

AWARDS AND ACCOMPLISHMENTS

1. Got award of Eco-guard from Adventure Foundation of Pakistan in 2007
2. Got the award of Best Speaker at the Gilgit Baltistan level in 2011 for achieving first position in the debate competition "Effects of media on our youth."
3. Got Talent Tribute award on a merit basis by Study Aid Foundation for Excellence (SAFE) Pakistan
4. Received a Higher Education Commission (HEC) scholarship for a bachelor's degree
5. Received Hashoo Foundation Scholarship for a bachelor's degree
6. Got the award of Best Ambassador for Youth and Business Leader's Conference in 2015 from Rishabh International University Pakistan
7. Developed a tourist guidebook entitled "Ghizer the Land of Lakes" during an internship at the Tourism department
8. Got a fully funded Pakistan-United States Knowledge Corridor Scholarship for a Ph.D. at the University of Houston

ADDITIONAL INFORMATION

1. Research Gate

- Citations 49
- h-index3
- i10-index 2

ResearchGate Profile Link

<https://www.researchgate.net/profile/Mehtabidah-Ali>