

**Summer Field School [Online] on
 MOUNTAIN ECOSYSTEMS AND RESOURCE MANAGEMENT
 Ivano-Frankivsk Region, Ukraine :: 19-28 September, 2021**

DELEGATE PARTICIPANT'S PROFILE

	<p>Ms. Fahmida Yeasmin <i>Research Student</i> Department of Geography and Environmental Studies Faculty of Biological Sciences University of Chittagong</p> <p>Chattogram 4331, Bangladesh Mobile: 01850505243 Email: fahmidayeasmin29@gmail.com</p>
Highest Education	B.Sc Honors (Geography and Environmental Studies)
Personal Statement	<p>Dear colleagues! Further I would like to say a few words in order to present myself for the forthcoming Summer School on 'Mountain Ecosystems and Resource Management'. I am a graduate student in Geography & Environmental Studies at the University of Chittagong, Bangladesh where I have completed my under graduation as well with an excellent CGPA of 3.90 out of 4. I convey firm curiosity in learning new things and solving problems by applying scientific approach. To consolidate my research understandings and gain hands-on experiences, I have completed more than six field trips around the country from the department as well as under the supervision of various research organizations where I gained hands-on experiences in designing research methodology, data interpretation using scientific tools and become highly skilled in those. In my ongoing MS thesis, I am working on "Sea level rise, coastal erosion and migration nexus: A Spatio-temporal study in Bhola" using General Circulation Model (GCM) and several other datasets. My first paper as lead author published on "Bhugol o Poribesh Journal" and another paper as co-author on "<i>Peoples' understanding and acceptability of COVID-19 vaccines, and perceived challenges on successful vaccination in Bangladesh</i>" got accepted by "Plos One" journal. Currently, I am working on my third paper. My research</p>

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	<p>interest has weaved a strong drive in me for learning and applying different GIS, RS, and programming packages i.e., ArcGIS, QGIS, R programming, Python which pushed me to take several online, offline courses, and attending several workshops-seminars. One of my course teachers highly praised me because of my in-depth knowledge of quantitative research techniques as well as for my increasing interest in spatial data analysis and opt me for his research assistance. I have been offering geospatial support and scientific writing under his supervision for more than 30 months. My research interest include climate change, resource management, environmental and public health. In 2020, I was awarded with “National Science and technology Fellowship” supporting academic researches of master`s students.</p>
Paper/Presentation Title (Unpublished Research or Review or Field Work)	<i>Farmers’ Perception and Awareness of Climate Change: A Step towards Climate Change Adaptation in Bandarban Hill District, Bangladesh</i>
Keywords	Farmers’ Perception; Climate Change; Adaptation; Hill Agriculture; Farming in Mountain Ecosystem
Abstract (100-300 words)	<p>The impact of climate change on agriculture food production is global concerns and for that matter Bangladesh, where lives and livelihoods depend mainly on agriculture, is exposed to a great danger. The main objective of the study was to determine and describe the perception of climate change of farmers. The study was conducted at Rowang chhari Upazilla of Bandarban district. Personal structured questionnaire was used for interview of 230 households selected randomly. Study findings indicate that majority of the farmers were found to be aware of the climate change, and majority of them reported “erratic rainfall, diminishing agricultural yield and increase in temperature” as the indicators of climate change. Almost half of the farmers believe that environmental factor is responsible for climate change than supernatural factor. They felt that both rainy season and cold season delays to start but ends early. Mean duration of both seasons has been significantly reduced in recent past than long time ago. Hot season shows opposite scenario as it starts early but delays to end. Mean duration of hot season has been significantly</p>

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	increased in recent past compared to long time ago. Further, most of the farmers reported crop failures, migration to other places and flooding' as three major consequences of climate change. Unfortunately, most of the households were unaware about the scientific sustainable approaches to combating impact of climate change. The study findings will help in preparing a roadmap for policy formulation as well as undertaking mitigation measures besides helping the agriculture extension agencies to design and plan locale specific adaptation strategies and agriculture development.
More Information (weblinks)	https://www.linkedin.com/in/fahmida29