


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

DELEGATE PARTICIPANT'S PROFILE

	<p>Ms. Nadira Sultana <i>Research Student</i> Department of Geography and Environmental Studies Faculty of Biological Sciences University of Chittagong</p> <p>Chattogram 4331, Bangladesh Tel: +8801533-082292 Email: nadirasultana@gmail.com</p>
<p>Highest Education</p>	<p>Bachelor's Degree in Geography and Environmental Studies.</p>
<p>Personal Statement</p>	<p>Dear Sir & Madam! Further I would like to say a few words in order to present myself as the delegate participant for the forthcoming Summer School on 'Mountain Ecosystems and Resource Management'. I have completed my graduation from the University of Chittagong, Bangladesh in 2019 and obtained Bachelor's Degree in Geography and Environmental Studies. Currently I am a research student as well as doing my Master Degree in Department of Geography and Environmental Studies, University of Chittagong. In requirement for the Masters degree, I am doing my research, while there research direction is on 'Covid-19 stigma and discrimination issues'. I want to join this online course for achieving more knowledge and experience. I think, this program experience and knowledge would beneficial and more helpful for my future research career as well.</p>
<p>Paper/Presentation Title (Unpublished Research or Review or Field Work)</p>	<p><i>Climate Change, Water Scarcity and Coping Strategy in Khagrachari Hill Tracts Area, Bangladesh</i></p>
<p>Keywords</p>	<p>Climate Change; Water scarcity; Coping Strategy; Khagrachari, Bangladesh</p>
<p>Abstract (100-300 words)</p>	<p>Bangladesh is recognized as one of the preponderant climate change vulnerable countries in the World owing to its Geo-Morphological, Demographic and Socio-Economic character.</p>

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Despite her negligible benefaction to emanation of Green House gases, Bangladesh is one of the earliest hardest affected countries due to climate change. The impacts of the frequently eventuated climatic events predominantly affect the coastal belt and hilly area of the country or other else area. Khagrachari is one of talk of the impacted areas due to climate change since many years and is opted as the study area as geographically, Hydro-Morphologically, Economically, it has great momentousness. The study endeavored analyze the changing trends of selected climatic components (temperature, and precipitation) and the resources of the study area to assess the climatic prospect and water scarcity. It is also strived to assess vulnerabilities of climate change and water scarcity in the study area by analyzing Geomorphic changes, Economical changes, Drainage pattern, Transport network, Resource map, disaster map, Disaster matrix and perception of local people. Furthermore, the study pivoted adaptation of climate change. For that, the existing policies and legislation related to climate change are tried to discuss and perception of the people of the study area are ensnared with that. Even and above, it is adjudicated to design an effective preparedness program to adapt climate Bangladesh is recognized as one of the preponderant climate change vulnerable Countries in the world change in the South-Eastern of Bangladesh. To consummate the objective, both qualitative and quantitative data has been collected through cross sectional questionnaire survey, Photography and Observation methods and then those data has enmeshed with secondary data collected from disparate Govt. and Non-govt. institution and research cells. The people aged over 30 years were stipulated as the potential respondents. Google earth pro-4.2, adobe illustrator and Microsoft office program 2010 were used to illustrate and represent the maps and diagrams. The study reveals a gradual increasing trend in the mean annual minimum and maximum temperature and mean annual rainfall of study area and the problem of water scarcity and their solution. the study also depicted, due to biophysical settings and poor socio-economic status of the people, the study area is vulnerable to climate change but the apprehensive man oeuvres of the Govt. and Non-

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	govt. organization of the area are not up to mark. So, the people of the study area follow the indigenous adaptation measures to cope with the changing climate and water scarcity.
More Information (weblinks)	