

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

DELEGATE PARTICIPANT'S PROFILE

	<p>Ms. Gauri Mohan <i>Ph.D. Research Scholar</i> Department of Agronomy School of Agricultural Sciences and Rural Development Nagaland University</p> <p>Tel.: +91 9101214689, 8486487560 Email: gaurimohan123@gmail.com</p>
Highest Education	M.Sc. in Agronomy
Personal Statement	<p>Respected dignitaries, I want 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'.</p> <p>I am Pursuing Ph.D. from School of Agricultural Sciences and Rural Development, Nagaland University. In 2015, I had completed my B.Sc. (Agriculture) degree from Assam Agricultural university.</p> <p>In 2017, I had completed my M.Sc. in Agronomy on the topic "Agronomic management of maize for food-fodder production." from Assam Agricultural university.</p>
Paper/Presentation Title (Unpublished Research or Review or Field Work)	<i>Impact of Carbon Sequestration in Soil</i>
Keywords	Greenhouse gas; Global warming; Carbon sequestration
Abstract (100-300 words)	<p>The need to stabilize the greenhouse gas concentrations of the atmosphere is the great environmental challenge of this century. To control these concentrations, humanity can reduce fossil fuel emissions and/or identify mechanisms to remove greenhouse gases once they have been emitted. Therefore, carbon capture is vital to reduce release of carbon emissions and other GHG's to the atmosphere thereby mitigating global warming. Carbon sequestration is the process of removing carbon from the atmosphere and depositing it in reservoirs. Basically it is the process of capturing of atmospheric carbon dioxide and storing it to mitigate global warming and climate change. This presentation is a review of the role of agriculture and soils in carbon capture. In this light, this paper will discuss - what is carbon sequestration? Mechanism, benefits and recommended management practices of carbon sequestration.</p>