

**Centre for Sustainability & Climate Change  
University School of Environment Management  
Guru Gobind Singh Indraprastha University**


**Notice**


**Subject:** One day Training and Capacity Building Workshop for Developing Carbon Finance Project under Voluntary Carbon Market

The Centre for Sustainability and Climate Change, USEM and NSS, USEM in collaboration with **TERI** is organising a One day **“Training and Capacity Building Workshop for Developing Carbon Finance Project under Voluntary Carbon Market”** on Wednesday, 16<sup>th</sup> October, 2024, starting at 10:00 am at E-Block Auditorium, GGSIP University. With its extensive experience in measuring and estimating carbon stock in various regions of country, TERI’s expertise will not only aid students in grasping carbon stock assessment concepts but also in formulating carbon finance projects. The workshop aims to equip participants with skills in carbon stock assessment and the development of carbon finance projects, addressing the current demand for employment opportunities in this field, it will be particularly advantageous for Ph. D scholars, M. Sc and B. SC students of USEM.

The is open to NSS students of other schools also. All interested NSS volunteers of other schools, and all the students of USEM (Research scholars, M. Sc & B. Sc) along with NSS Programme Officers/ Associate Officers/ Deans & Faculty members are cordially invited to participate in the workshop.

**Instructions: All the students are requested to bring their laptop for data analysis**

  
**(Prof Anubha Kaushik)**  
Head  
Centre for sustainability & Climate Change

  
**(Prof Varun Joshi)**  
Dean, USEM  
&  
Programme Coordinator, NSS/NCC  
NSS Cell, GGSIPU

**Copy to for information:**

1. To all faculty members, USEM, GGSIP University
2. To all Program Officers of USS of GGSIPU kindly convey to all NSS Volunteers to participate
3. To Ph D scholars, M. Sc (EM) & (B&C) students, B. Sc. (ES) students
4. PS to the Hon’ble Vice Chancellor, GGSIP University
5. AR to the Registrar, GGSIP University
6. Head UITS, GGSIP University to upload the same on the University website



THE ENERGY AND RESOURCES INSTITUTE  
Creating innovative solutions for a Sustainable Future



**TRAINING AND CAPACITY BUILDING WORKSHOP FOR DEVELOPING CARBON  
FINANCE PROJECT UNDER VOLUNTARY CARBON MARKET**

Date: 16<sup>th</sup> October (Wednesday) 2024

Venue: Guru Gobind Singh Indraprastha University

**Agenda**

1000-1015	<b>Welcome and Introduction to the Theme of the Workshop</b>
1015-1100	<b>Obtaining carbon finance from the Forestry &amp; Agroforestry sector for enhancement of the livelihood of community/farmers</b> Dr J.V. Sharma (Retd. IFS), Senior Director, Land Resources Division, TERI
1100 – 1115 hrs	<b>Tea Break</b>
1115 – 1145 hrs	<b>Potential of Carbon Finance and process of Carbon Stock Assessment</b> Dr Syed Arif Wali, Senior Fellow, and Associate Director,
1145-1300	<b>Geo spatial Technology for Carbon Finance Project Development</b> Mr Sayanta Ghosh, Associate Fellow & Area Convenor Centre for Geospatial Technology Application, Land Resources Division, TERI

1300 – 1400 hrs	<b>Lunch Break</b>
1400 – 1500 hrs	<b>Calculations for Estimating Carbon Stocks in Excel sheet</b> Mr Parikshit Abhimanyu Pawar, Research Associate /Mr. Kapil Kumar, Associate Fellow, Land Resources Division, TERI <b>Field Training on Measurement of Five Pools of carbon</b> <ol style="list-style-type: none"><li>1. Demonstration of GPS instrument (Functions, Taking GPS readings, saving the coordinates, overlaying of coordinates on map, delineation of project boundary).</li><li>2. Stratification, identification of plots, layout of sample plots and its measurement.</li><li>3. Demonstration of field measurements (5 carbon pools Above ground Biomass, Below ground Biomass, Litter, dead wood and Soil Organic Carbon).</li></ol> (Dr Syed Arif Wali, Mr Kapil Kumar, Ms Vanshika Kaushik, Mr Parikshit Abhimanyu Pawar and Mr Sulender Kumar)
15:00 – 16:00 hrs	Field measurements for carbon assessment (To be conducted by students) (Laying of Plots, Measurement of Above & Below ground biomass, Dead wood, Leaf litter, Soil organic carbon followed by Data entering in the prescribed format) <ol style="list-style-type: none"><li>1. Field data Entry and compilation</li><li>2. Data analysis</li></ol>
1600 – 1630 hrs	Open Discussion and resolving doubts - Ms Vanshika Kaushik, Research Associate, CSLM, Land Resources Division and TERI Team
1630-1640	Vote of Thanks

**Instructions:** All students are requested to bring laptop for data analysis

*Signature*  
14/10/24