



**REPORT ON  
INTERNATIONAL LECTURE SERIES  
ON ENVIRONMENTAL SUSTAINABILITY**

**LORETO COLLEGE, INDIA**

**&**

**IUCN - CEM**

**MOUNTAIN ECOSYSTEMS SPECIALIST GROUP**

*AN INTERNAL QUALITY ASSURANCE CELL INITIATIVE*

**July 24, 2021**

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Restoration of ecosystem is fundamental to achieving the sustainable development goals, mainly those on climate change, poverty eradication, food security, water and biodiversity conservation.

The **United Nations General Assembly** declared 2021-2030 as the **UN Decade on Ecosystem Restoration**. The UN Decade is a universal call for the protection and revival of ecosystems around the world, for the benefit of people and nature. This call to action has the purpose of recognizing the need to accelerate global restoration of degraded ecosystems, to fight the climate heating crisis, enhance food security, and protect biodiversity on the planet.

**Loreto College, India** in collaboration with **International Union for Conservation of Nature - Commission on Ecosystem Management- Mountain Ecosystems Specialist Group** partnered in spreading this message not one of despair but of hope; hope that in restoring our relationship with nature, our health and quality of life can be restored.

Dr. Heidi Steltzer, Professor, Departments of Environment and Sustainability, and Biology, Fort Lewis College, Colorado, USA and Lead Author, High Mountain Areas, Intergovernmental Panel on Climate Change (IPCC) Special Report on the Oceans and Cryosphere in a Changing Climate was the resource person.



### LEARNING OBJECTIVES

- Focus on the impact climate change is having on mountains across the globe
- Discuss the challenges and gaps in recent interventions in this regard

### LEARNING OUTCOMES

At the end of the Lecture the participants were able to;

- Understand the term Ecosystem restoration
- Comprehend the basic Disaster Risk Reduction Concepts and its importance for society with regard to Mountain Ecosystem Conservation and Restoration
- Conceptualize the threats of climate change on mountain ecosystems
- Understand how stakeholder participation and inclusive and gender-responsive planning are critical to ecosystem restoration

**Title: *Every nation is a mountain nation: connecting science and people from mountains to lowlands and nation to nation***

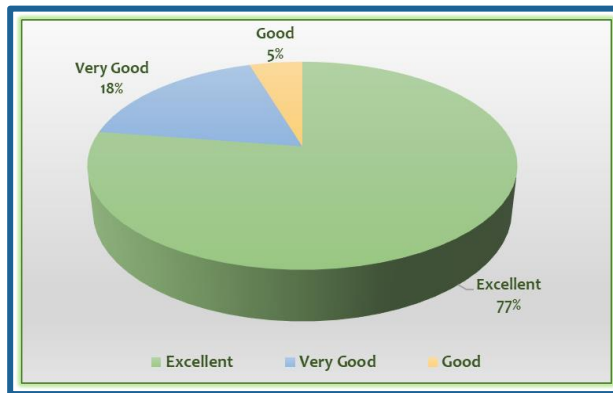
The world's mountains are a refuge. There are hideouts for species and people when climate, wars and pandemics threaten well-being. Because they are refuge, they are rich in species and in cultures. Over 25% of the world's shrinking biodiversity is in mountain regions. This includes well known species, and others that we consider cryptic, lacking a common name and rarely included in photos and stories of the mountains. There is much to learn and to secure still in the world's mountains about species, cultures, water and livelihoods. The refuge that mountains provide leads to resilience for the nations where the world's highest mountains are located and for those downstream and downwind. Our planet trades air here for air there and water here for water there. So too are there lessons, lessons that when traded connect people from mountains to lowlands and nation to nation, so that every nation can grow its connection to and understanding of mountains.

**FEEDBACK SUMMARY REPORT**

Total Respondents: 84

- Excellent – 65
- Very Good – 15
- Good - 4

**WEBINAR RATING**



This Internal Quality Assurance Cell Initiative was a humble step towards preventing, halting and reversing the trend of ecosystem degradation. We plan to organize interactions with experts on other vulnerable and threatened ecosystems, as part of the International Lecture Series.