

Event Report: Industry-Academia Collaboration: Special MUN Guest Session on Climate Resilience in Mountain Areas

Date: January 31, 2026

Theme: Harnessing Geospatial Technology and IoT for Climate Resilience in Mountain Areas

Speaker Mr. Birendra Bajracharya, Interim Senior Intervention Manager- Regional Information Service, ICIMOD



About the Guest Speaker:

Bringing a wealth of technical and regional expertise, Mr. Bajracharya is a seasoned professional at ICIMOD specializing in information technology, systems development, and data management. His work focuses extensively on leveraging advanced digital systems to monitor environmental changes and build sustainable infrastructure in mountain ecosystems. As a leader in tech-driven climate action, his vast experience in integrating spatial data with regional conservation efforts made him the ideal mentor to guide our delegates through complex global environmental issues.

On January 31, 2026, our institution hosted a highly impactful Model United Nations (MUN) expert session focusing on cutting-edge environmental solutions for the Hindu Kush Himalaya region. The program commenced with a warm opening address by the Event Mentor, Dr. Shipra Jha, who highlighted the critical importance of youth engagement in climate diplomacy. Following the opening remarks, our Campus Chief Dr. Rajendra KC, alongside Ms. Sarita Shakya Pradhan, formally welcomed and felicitated the distinguished guest speaker, Mr. Bajracharya from the International Centre for Integrated Mountain Development (ICIMOD).

The session saw an impressive turnout of over 160 enthusiastic student participants and faculty members. Mr. Bajracharya's presentation was highly engaging, featuring rich visual data, real-time satellite imagery, and analytical charts that beautifully demonstrated the practical applications of technology in environmental defense. He delivered a profound exploration of how advanced technological frameworks can combat the global "triple planetary crisis" climate change, biodiversity depletion, and environmental pollution. By illustrating the role of Internet of Things (IoT) sensors and satellite tracking, he emphasized turning sophisticated, high-tech geospatial data into simple, accessible tools tailored for grassroots mountain communities to cultivate true socioecological resilience.

Key Outcomes of the Session:

- Over 160 delegates gained a deep, data-driven understanding of climate challenges in the Hindu Kush Himalaya region.
- Students successfully learned how to bridge the gap between scientific innovation and grassroots international climate policy.

- The visual insights directly empowered delegates to craft highly realistic, technologically viable resolutions during the subsequent MUN committee debates.

Event Photos:

