

**International Conference**  
**on**  
***Agriculture in Hilly and Mountain Landscape: An Interdisciplinary Perspective***

**Organizers**  
**Central Agricultural University, Imphal, Manipur, India**  
**&**  
**Indian Society of Agricultural Economics (ISAE), Mumbai, India**

**Venue**

College of Post Graduate Studies and Agricultural Sciences, Umiam, Barapani, India- a  
constituent institution of the Central Agricultural University  
November 22-24, 2023

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An International Conference on “*Agriculture in Hilly and Mountain Landscape: An Interdisciplinary Perspective*” is being jointly organized by Central Agricultural University, Imphal, Manipur, India and Indian Society of Agricultural Economics. The conference is scheduled to be held from November 22-24, 2023, at the College of Post Graduate Studies and Agricultural Sciences, Umiam, Barapani, India- a constituent institution of the Central Agricultural University. The purpose of the conference is to bring together eminent speakers from South and Southeast Asia, who will share their expertise and experiences in promoting sustainable development in hilly and mountain landscapes. The conference would be attended by the researchers, academicians, development professionals and policy makers from across the world, and more particularly from South and South East Asian countries.

Contributory papers and poster presentations are invited on the following themes and subthemes, which are suggestive and indicative one rather than restrictive in nature. The geographical convergence of the conference includes hill and mountain ecosystems in South and South East Asian countries. The contributors may choose any of the particular issues or could combine the issues as long as they remain focused on the theme and within the size limit prescribed for conference papers. The last date for submission of abstracts of contributory papers/poster presentations is 14<sup>th</sup> August 2023. Abstracts will be screened and the decision shall be communicated by 31<sup>st</sup> August 2023. The poster presentations and full papers not exceeding 3500 words, along with summary should be submitted by email to Professor B.C.Roy, Member, Editorial Board, Indian Journal of Agricultural Economics, ISAE, Mumbai and Co-ordinator International Conference Working Group Cell on the email id at [icwgc2023@gmail.com](mailto:icwgc2023@gmail.com) on or before 30<sup>th</sup> September 2023. Keynote /lead papers have been invited from distinguished scholars from India, South Asia and South East Asia by the President, ISAE and Chairman, Technical Committee of the Conference.

**The paper writers may focus on the following issues:**

***I Status, Emerging Challenges and Perspectives in Hill and Mountain***

- Status of biodiversity and natural resources
- Status of indigenous knowledge and cultural heritage among the mountain communities
- Comprehensive and comparative assessment of physical environments and biological systems (river systems, farming systems, agro-forestry systems, crop genetic resources, animal resources, etc.) across the regions
- Leveraging technologies like remote sensing, GIS, AI, etc. in tracking the changes in hill and mountain ecosystems

***II Sustainable Agriculture in Hill and Mountain***

- Sustainability of various agricultural systems (including terrace cultivation and shifting cultivation)
- Changes in cropping patterns and diversification towards high-value crops and its implications
- Food and nutritional security issues
- Methodological issues related to measuring long term sustainability

***III Climate Change Vulnerability, Coping and Adaptations in Hill and Mountains***

- Climate Change: Perception, impacts and adaptation strategies
- Changes in temperature, snow cover, forest covers, rainfall, incidence of extreme climatic events and their forecasting.
- Mapping vulnerability to climate changes and livelihoods across the mountains
- Risk engineering (mass wasting processes, assessment, control, etc.)
- Coping mechanisms and adaptation strategies in reducing vulnerabilities.
- Mountain-specific disaster management plans for a resilient agriculture
- Advance techniques like application of satellite imagery, drones, artificial intelligence, and machine learning in establishing pro-active early-warning systems

***IV Mountain Communities and Livelihoods***

- Livelihood patterns, food security and poverty among mountain people
- Strategies to promote sustainable livelihood diversification
- Pastoralism, gender and migration issues
- Indigenous peoples' faith, traditional knowledge, food systems and well-being: interventions and policies for healthy communities and conserving nature and cultures
- Potential for eco-tourism, organic farming, bee keeping, and traditional local products

- Scope for collectives in value addition of medicinal, aromatic and orchids plant resources

#### ***V Ecosystem Restorations in Hill and Mountain***

- Management of common property resources, property right regimes, market and institutions.
- Multiuse and multifunctional issues in CPRs governance.
- Development and conservation of natural resources including water, soil and biodiversity
- Ecosystem restoration and nature based solutions
- Socio-ecological (including morphological, bio-chemical, and genetic) interventions
- Role of watershed management in ecosystem restoration and livelihoods

#### ***VI Sustainable Development Goals in Hill and Mountain***

- Monitoring progress on mountains in the SDGs
- Strategy and policy reforms aiming at accelerating agricultural growth and achieving SDGs
- How can mountain agriculture be effectively developed to achieve Zero Hunger?
- Role of women in sustainability of mountain ecosystem

#### ***VII Mountain Specific Policies and Institutions***

- Conceptual framework for promoting sustainable development of the mountain ecosystem
- Role of different agencies and institutions in mountain developments
- Linking hill farmers to the markets including product and entrepreneurship development
- Challenges in the transformation of mountain agriculture including success stories: learning from global experiences and local best practices
  - Impact of government policies and schemes in enhancing the resilience
- Mountain tipping points and use of geospatial for understanding sensitive hill and mountain ecosystems
- Envisaging the essence of teaching and research in hill and mountain regions.