

The Third Mountain Futures Conference

——Mountain Communities in the Post-2020 Global Biodiversity Framework From Kunming to Montreal

November 28-30, 2022—Mile, Yunnan, China

Notice of conference

As the most important terrestrial ecosystem, the health of mountain ecosystems is related to the health and future well-being of all mankind. Mountain Futures is a global initiative, which aims to promote the well-being of people in the mountains, enhance the diversity, stability and sustainability of ecosystems, and construct and share green mountain development solutions. Mountain Futures is led by the Chinese Academy of Sciences and Chinese Academy of Agricultural Sciences and is jointly sponsored by the United Nations Environment Programme (UNEP), the Food and Agriculture Organization of the United Nations (FAO) Mountain Partnership, the World Agroforestry (ICRAF) and the International Centre for Integrated Mountain Development (ICIMOD). The first and the second Mountain Futures Conferences were held in March 2016 and June 2018, respectively. On the occasion of the United Nation's "International Year of Sustainable Mountain Development", the third Mountain Futures Conference will be held from November 28-30, 2022, in the Taiping Lake Forest Town of Mile City, Yunnan Province, China.

The third Mountain Futures Conference will revolve around the core values and concepts of the 15th Conference of the Parties to the Convention on Biological Diversity – "Ecological Civilization: Building a Community of Life on Earth", held in Kunming, China and Montreal, Canada in two phases; to carry out local and global actions on community-based conservation and rural revitalization for the post global biodiversity framework.

The conference will focus on the following four thematic areas:

1) Scientific exploration: There are abundant species in mountain areas, including many novel species yet to be discovered, and numerous unsolved scientific questions remain. At the same time, new technologies and scientific methods are being developed, and new genes, molecules and germplasm emerge constantly. Mountain areas are sensitive to global change. Thus, it is imperative that we conduct climate change research, predict climate risks, investigate species interactions and decode the regulatory mechanisms of soil microbial communities. We should strive

to build close-to-nature, integrated ecosystems with relevant varieties and good methods for successful adaptation to the future.

2) Ecological restoration: As a hotspot of biodiversity, mountains can provide a variety of ecosystem services. Mountains are also typically fragile ecological areas. On one hand, exploitation has led to the destruction of mountain ecosystem services, and the ecological environments of plateau lakes and rivers have been severely degraded. On the other hand, green technologies based on natural solutions and the interdisciplinary integration of new technologies in the life sciences are constantly emerging. The trends of biodiversity loss and degradation in ecological functions have been preliminarily curbed. The dream of carbon neutrality can be achieved through effective ecological restoration and climate change mitigation.

3) Indigenous wisdom: In this session we aim to explore the ecological wisdom of traditional knowledge systems, decode the green practices in millennia of agriculture, integrate local wisdom and biotechnology into a green development strategy for the mountains, and promote biodiversity protection and maintenance of cultural diversity. Cross-cultural exchanges, cross-generational inheritance and nature education will enable indigenous people, local communities and other relevant stakeholders to participate, fully and effectively, in the implementation of the post-global biodiversity framework. Community-based innovation projects will become more relevant in the face of global change. Cross-regional South-South cooperation will occupy a mainstream position in sustainable mountain development.

4) Future living: Green technologies that safeguard lives, low-carbon solutions, sustainability and recycling, as well as quality of life and human health are all important elements in creating future ecological production systems and lifestyles. With the progress of science, technology and economic globalization, a full-value industrial chain based on biodiversity, multiculturalism and urban-rural ties, as well as a lifestyle of interconnectedness are no longer distant realities, and it is possible to build a "third nature", with the integration of science, art and ecological production, and to realize the dream of green development for mankind.

Organizers

Hosted by Kunming Institute of Botany, Chinese Academy of Sciences

Co-organized by Center for International Forestry Research (CIFOR) -World Agroforestry (ICRAF)
United Nations Environment Programme (UNEP)
Food and Agriculture Organization of the United Nations Mountain Partnership (FAO-Mountain Partnership)
The International Centre for Integrated Mountain Development (ICIMOD)
Balipara Foundation
Institute of Animal Science, Chinese Academy of Agricultural Sciences
Yunnan FROM OUR EYES Rural Documentary And Culture Research

Centre
Yunnan Natural and Cultural Heritage Protection Promotion
Association
Honghe Golden Kapok Textile Technology Co., Ltd.
Supported by Bureau of International Cooperation, Chinese Academy of Sciences
Yunnan Province and Technology Department
Partnerships for Community Development
Global South-South Development Center Project
Oxfam (Hong Kong) Yunnan Office.

Agenda:

Day 0 (Sunday, November 27)	
Exhibition arrangement, venue preparation, online testing	
Day 1 (Monday, November 28)	
Morning	Registration
10:30-12:00	Visit to the ecological restoration site
12:00-13:00	Lunch
Afternoon	Opening ceremony Online + on-site (Chinese and English simultaneous interpretation)
14:00-15:30	Opening video We are the future: Fang Bing, Yunnan Natural and Cultural Heritage Protection Promotion Association Opening Remarks: Moderator: (TBC) <ul style="list-style-type: none"> ➤ Mrs. Elizabeth Maruma Mrema. Executive Secretary of CBD ➤ ZHANG Linxiu on behalf of Mrs. Inger Andersen, Under-Secretary-General and Executive Director of UNEP ➤ Ms. Xiaojun Grace WANG, Director a.i., United Nations Office for South-South Cooperation (UNOSSC) ➤ Dr. Pema Gyamtsho, Director General, International Centre for Integrated Mountain Development (ICIMOD) ➤ FAO Mountain Partnership (TBC) ➤ Prof. TANG Huajun, Academician, Former President, Chinese Academy of Agricultural Sciences (CAAS) ➤ Mr. LI Yonghong, Deputy Director, Foreign Exchange and Cooperation Center, Ministry of Ecology and Environment, China (TBC)
15:30-15:45	Tea break

15:45-17:30	Keynote speeches + short films of the four themes			
18:00	Welcome dinner			
Day 2 (Tuesday, November 29)				
Morning				
08:30-10:00	Keynote speeches I: Online + on-site (Chinese and English simultaneous interpretation) Scientific exploration 01 + Ecological restoration 01 + Indigenous wisdom 01 + Future living 01			
10:00-10:30	Tea break + Mountain Futures Art Exhibition 1			
10:30-12:00	Poster exhibition			
	Urban and Rural Public Art and Future Living			
	Scientific exploration + Ecological restoration + Indigenous wisdom + Future living			
12:00-13:00	Lunch			
Afternoon				
14:00-15:30	Keynote speeches II: Online + on-site (Chinese and English simultaneous interpretation) Scientific exploration 02 + Scientific exploration 03 + Ecological restoration 02 + Ecological restoration 03			
15:30-16:00	Tea break + Mountain Futures Art Exhibition 2			
16:00-17:30	Keynote speeches III: Online + on-site (Chinese and English simultaneous interpretation) Indigenous wisdom 02 + Indigenous wisdom 03 + Future living 02 + Future living 03			
18:00	Dinner/Film			
Day 3 (Wednesday, November 30)				
08:30-10:00	Parallel Session I (online + on-site)			
	Scientific exploration 01	Ecological restoration 01	Indigenous wisdom 01	Future living 01
10:00-10:30	Tea break + Mountain Futures Art Exhibition 3			
10:30-12:00	Parallel Session II (online + on-site)			
	Scientific exploration 02	Ecological restoration 02	Indigenous wisdom 02	Future living 02
12:00-13:00	Lunch			
Afternoon: Online + on-site (Chinese and English simultaneous interpretation)				

14:00-15:30	Wrap up for the "Montreal" report recommendations
15:30-16:00	Tea break
16:00-18:00	<p>Keynote speeches+Awards</p> <p>Closing Remarks:</p> <p>Moderator: Leader of Kunming Institute of Botany, CAS</p> <ul style="list-style-type: none"> ➤ Dr. Ravi Prabhu, Director General a.i, World Agroforestry (CIFOR-ICRAF) ➤ Prof. CAO Jinghua, Secretary General, Alliance of International Science Organizations in the Belt and Road Region (ANSO) ➤ Prof. QIN Yuchang, Director, Institute of Animal Sciences, CAAS ➤ CBD-COP15 from Kunming to Montreal, XU Jianchu
18:00	Dinner

Online participation: free registration

Fill in the application form and send it to the email address: lixiang2@mail.kib.ac.cn or guoxiaoxiao@mail.kib.ac.cn

Registration deadline: November 22, 2022.

Submission of abstract: All work related to the conference can be submitted and filled in according to the template in the annex. The author is responsible for his/her own contents. **Submission deadline of abstract: November 22, 2022.**

Submission of poster exhibition: In the poster exhibition section, 1st, 2nd and 3rd prizes will be selected from each of the four themes. All work related to the conference can be submitted and filled in according to the template in the annex. The author is responsible for his/her own contents.

Submission deadline of poster exhibition: November 22, 2022.

Submission of papers: The conference encourages the submission of relevant English papers, written according to the format provided in the annex, with the author is responsible for the paper's content. Excellent papers submitted will be recommended to the international journal *Circular Agricultural Systems* or *Studies in Fungi* for publication.

Submission deadline for papers: November 22, 2022.

Conference Contacts

Registration contact: Li Xiang: lixiang2@mail.kib.ac.cn

Guo Xiaoxiao: guoxiaoxiao@mail.kib.ac.cn

Abstract and poster submission: Jiang Hongbo: jianghongbo@mail.kib.ac.cn

Paper submission: Li Xiong: lixiong@mail.kib.ac.cn

Enclosed:

Conference Registration Form

Abstract Template

Poster Template

Paper Template for ***Circular Agricultural Systems*** and ***Studies in Fungi***