



# **Advocating for the Inclusion of Nature Education in UNESCO Biosphere Reserves**

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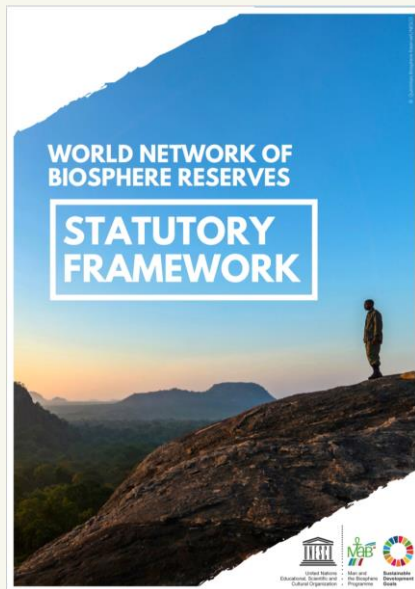
**Part II:** Nature Education Development in China

**Part III:** ANSO as a Supporting Frame of Nature Education for the Global South



# Part I: What is UNESCO Biosphere Reserves ?

**Biosphere reserves** are areas of terrestrial and coastal/marine ecosystems or a combination thereof, which are internationally recognized within the framework of UNESCO's programme on Man and the Biosphere (MAB).



At the end of 2023, there are

**738 sites  
in 134 countries**

**World Network of Biosphere Reserves  
(WNBR)**

**34 sites  
in China**

**200  
members**

**Chinese Biosphere Reserves  
Network (CBRN)**

from MAB Programme Division of  
Ecological and Earth Sciences UNESCO

# Nature Education is Effective Approach for BR Functions

## 3 main functions of BR



### Conservation

of biodiversity and cultural diversity.



### Economic Development

that is socio-culturally and environmentally sustainable.



### Logistic Support

underpinning development through research, monitoring, education and training.

Resource: [What are biosphere reserves?](#) | UNESCO



**WORLD SCIENCE FORUM**  
BUDAPEST



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Resource: [What are biosphere reserves?](#) | UNESCO

# Nature Education

is a thematic education process




Education for Sustainable Development



Enhance knowledge of ecosystem services, protection awareness, and behaviors



Enhance responsible environmental behavior and promoting community development



# Part II: Nature Education Development in China



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# Part II: Nature Education Development in China

## CONFERENCE

China Nature Education Conference

1 time a year

From 2014



## ACTIVITIES

1 million

nature related activities

attract

100 million

Individuals annually



## STANDARD

The official Industry Standard "Nature Education Guidelines" was released.



## HOME TO

20,000

nature education institutions

300,000

practitioners

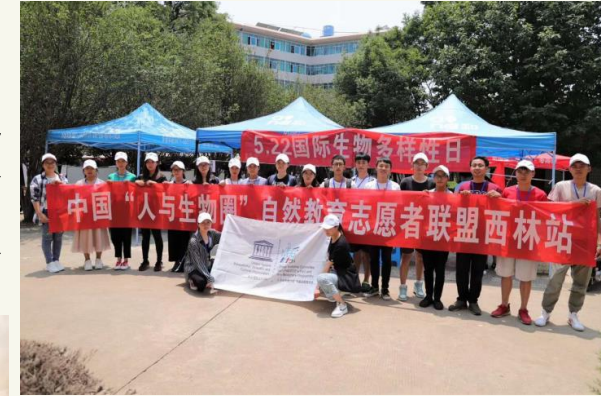


# Part II: Nature Education Development in Chinese Biosphere Reserves Network (CBRN)

## NE steering Committee



## Volunteer Team



## Community Activities



## School Courses

## Training Interpreters



**资料类别: 植物类**      资源名称: 长白山  
长白山世界生物圈保护区环境解说资料库

环境解说资源名称:            长白山 (美人松)

环境解说重要程度:  
长白山区特有珍稀濒危树种,  
国家一级保护植物。

**精神象征:**  
她不仅有风姿绰约的外形,  
更有撼天动地的勇气。

筛选原则:  标志性  独特性  罕见性  生活性  兴趣性  
 热点性 (新闻事件)

解说对象:  所有人  学龄前儿童  中小學生  大学生  
 老年人  中年人  青年人

解说地点:  总馆 ( )  南馆 ( )  西馆 ( )  
 营地周边 ( ) 或  其他地点 ( ) 长白山景区游客中心

解说时间:  全年  春季  夏季  秋季  冬季  
 清晨  白天  夜晚  其他天气情况


解说媒介:  人员解说  标示  折页  二维码  iPad  
 图册  模型  专题片  其他

五感体验:  视觉  听觉  触觉  嗅觉  味觉

制作者: 张俊杰







# Part III: ANSO as a Supporting Frame of Nature Education for the Global South





## Alliance of National and International Science Organizations for the Belt and Road Regions(ANSO)

established by the Chinese Academy of Sciences in 2018, is a non-profit, non-governmental, international organization registered in Beijing with the Ministry of Civil Affairs of China.

## Goals of ANSO



**Develop** an open and inclusive cooperation platform for the benefit of all,  
**Conduct** scientific communication, collaboration and capacity building for sustainable development of the Belt and Road regions,  
**Promote** the shaping of a global community with a shared future.



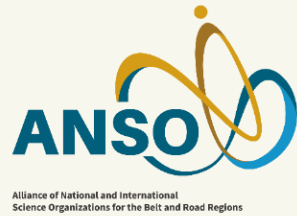
**78** Member Organizations



**52** Countries



**8** International Organizations  
(UNESCO, TWAS, etc.)



# The Toolkits of ANSO

## CAS-ANSO SCHOLARSHIP

- **Degree Program:** for Master's and PhD candidates, priority given to recommendations by ANSO Members.
- **Non-degree Program:** summer schools, science camps, lab trainings for international students.

## CAS-ANSO SCIENCE PROGRAM

- Echoing UN's "International Decade of Sciences for Sustainable Development".
- To launch CAS and ANSO Members **co-design** and **co-fund** projects.
- To support **SDG-related collaborative research projects** initiated by CAS scientists and ANSO Members' scientists.

## CAS-ANSO FELLOWSHIP

- To support **Visiting Scientists** from Belt and Road countries, in particular ANSO Member countries and organizations, to **conduct short-term academic visits to CAS institutes and universities.**

## CAS-ANSO CONFERENCE PROGRAM

- To support selected **international conferences/workshops** organized by ANSO Members.
- To support ANSO Members to represent ANSO in **world-level international academic conferences**, such as the World Science Forum, UNCSTD, UNEP, etc.



# The Beauty of Life on Earth

ANSO-MAB Exhibition  
Beijing & Kunming in China  
held for COP CBD 15 (2021)



- The stories and contributions of selected **scientists, experts and local people** in the protected areas in biodiversity research, and conservation, were illustrated at the exhibition.
- The **ambassadors and representatives** from the embassies of **Brazil, Indonesia, Pakistan, Spain, and Uruguay**, each of which has exhibition panels displayed at the exhibition.

# The Beauty of Life on Earth

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# Hanma Consensus Initiative



## ANSO & China MAB

announced on November 3, 2023  
International Day for Biosphere Reserves

### Strengthening the Sustainable Development of Nature Education and Promoting Harmonious Coexistence between Man and Nature

**2023 Chinese Biosphere Reserves Network Hanma Consensus Initiative:**  
Strengthening the Sustainable Development of Nature Education and Promoting Harmonious Coexistence between Man and Nature

The Secretariat of the Chinese National Committee for Man and the Biosphere Programme (MAB), together with the Secretariat of the Alliance of International Science Organizations (ANSO) organized a seminar on the exchange of outstanding Nature Education cases in Hanma UNESCO Biosphere Reserve in the Greater Khingan Area of Inner Mongolia, China on 22-24 August 2023. Members of the Chinese Biosphere Reserves Network (CBRN) exchanged ideas and launched the Consensus Initiative on "Strengthening the Sustainable Development of Nature Education and Promoting Harmonious Coexistence between Man and Nature" (referred to as Hanma Consensus Initiative) for UNESCO Biosphere Reserves worldwide.

I. After recalling the *Lima Action Plan for UNESCO's Man and the Biosphere (MAB) Programme and its World Network of Biosphere Reserves (2016-2025)*, *Technical Guidelines for World Biosphere Reserves*, and *Kunming-Montreal Global Biodiversity Framework*, it is worth emphasizing that the World Network of Biosphere Reserves (WNBR), characterized by being global network and experimental sites for SDGs, is a key area for maintaining global ecological balance, and that it has unparalleled advantages in natural resources as well as unavoidable responsibilities in guiding the public to get close to, respect, and protect nature by means of nature education.

II. We are concerned that climate changes and the decline of biodiversity are among the most urgent common challenges facing the globe, and therefore humankind urgently needs to take a series of positive measures to respond actively. International experience shows that nature education programs vary

**Objective I**

To consolidate a consensus on nature education among the Biosphere Reserves, providing action references for cooperation among network members.

**Objectives II**

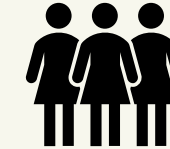
To advocate for the inclusion of nature education as a topic in the Fifth World Congress of Biosphere Reserves, scheduled to be held in Hangzhou, China, in 2025.



# New ANSO & China MAB Project Funded by UNESCO Participation Programme (2024)



## Nature Education & Women's role and contributions



### Project Title:

National Seminar on Good Practices of **Women's Contributions to Nature Education** in the Chinese Biosphere Reserves Network (CBRN): Supporting the 5th World Congress of Biosphere Reserves

### Project Objectives:

- 1) To **explore the good practices** of women's contributions to nature education among members of the CBRN.
- 2) To **promote women's capacity building** of nature education combining local natural resource with the indigenous knowledge
- 3) To **come up with a special report on good practices** which supports the 5th World Congress of Biosphere Reserves to be organized in Hangzhou, China in 2025.





# UPCOMING SIDE EVENT in 2025



# The Story of Nature Education

## The 5th World Congress of Biosphere Reserves

Sep. 22-27, 2025 Hangzhou, China

### Brief Agenda



Special report

Keynote Speech

Good Practices Exhibition

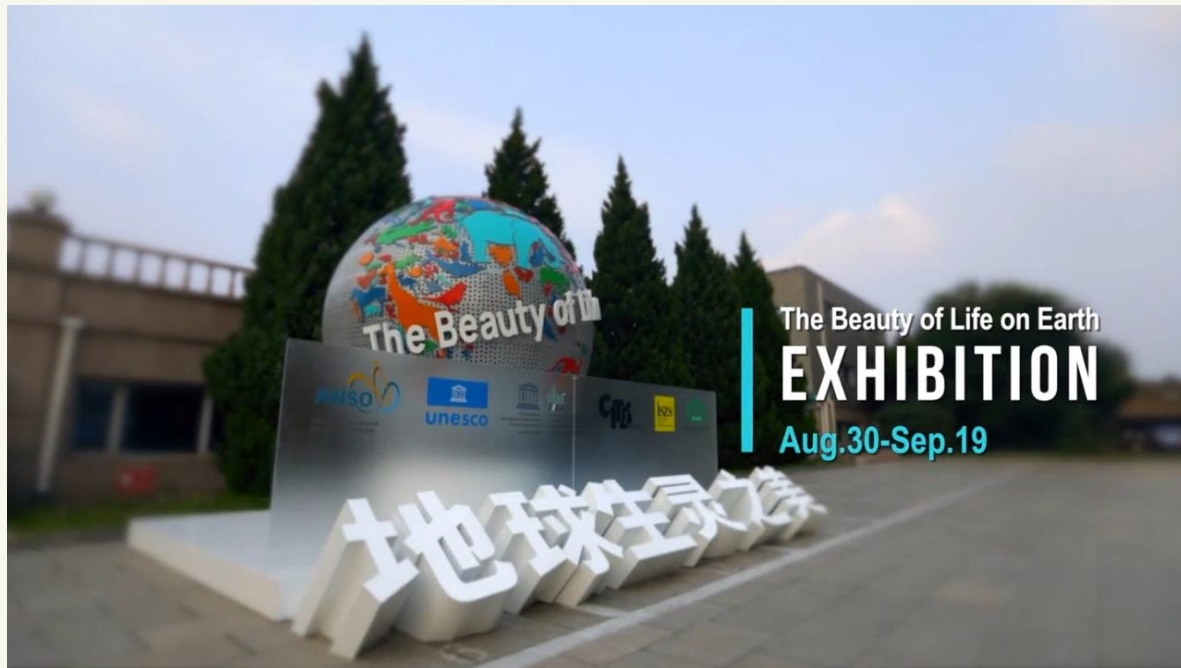
Video





# Conclusion and Message

ANSO has big potential for supporting the Nature Education activities not only in China but also for the global south, we are ready to establish enhanced cooperation with UNESCO MAB programme and Biosphere reserves.



## Contact us

Official Website:

[www.anso.org.cn](http://www.anso.org.cn)

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# Thanks for your kind attention!

