

# Promoting the Revival of land Space through Ecological Restoration – China Practice



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**31 MAY 2023**





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## 1. Principles of Ecological Restoration





# Principles of Spatial Planning

President Xi Jinping noted :

- mountains, waters, forests, farmlands, lakes and grasslands are parts of a community of life
- all elements of the natural ecology should be considered in an integrated manner in accordance with the integrity and systemic nature of the ecosystem and its inherent laws
- holistic protection, systematic restoration and comprehensive management should be carried out
- Adhere to the policy of giving priority to conservation, protection and natural restoration, Living in harmony with nature

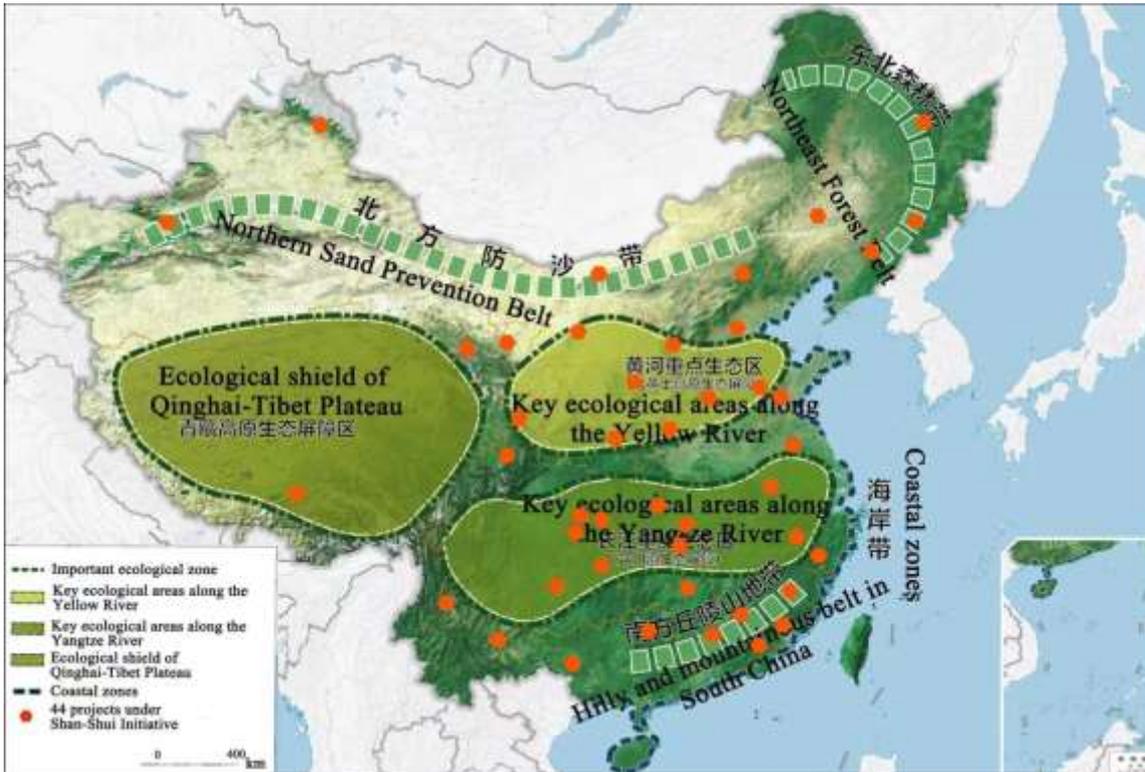
These are the fundamental principles and guidelines for Initiative.





# Spatial Planning

At the national level, China released a plan for large-scale ecological restoration projects in the next 15 years.



Since 2016, China has implemented 44 landscape projects

- key watersheds such as the Yangtze River and Yellow River,
- key regions such as the Qinghai-Tibet Plateau
- other regions of



*Master Plan of national major projects for the protection and restoration of major ecosystems (2021-2035)*

《全国重要生态系统保护和修复重大工程总体规划（2021-2035年）》



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## 2. Cases of Shan-Shui Initiatives





# Practice Case 1 - Comprehensive Land Consolidation and Ecological Restoration in Shuangpu Town, Xihu District, Hangzhou, Zhejiang Province

Since 2017, 21 beautiful villages construction have Completed



Before

Enhancement of rural living environment



After



Before

Pond Remediation





# Practice Case 1 - Comprehensive Land Consolidation and Ecological Restoration in Shuangpu Town, Xihu District, Hangzhou, Zhejiang Province

## Project of the North Branch of the Fuchun River

Before



After



## Mine Ecological Restoration

Before



After





# Practice Case 1 - Comprehensive Land Consolidation and Ecological Restoration in Shuangpu Town, Xihu District, Hangzhou, Zhejiang Province



View of in the whole area of Shuangpu Town after comprehensive land improvement and ecological



## Practice Case 2 - Ecological Rehabilitation of Degraded Grassland in Xilinhot, Inner Mongolia

In 2019, the National Forestry and Grassland Administration launched the pilot project of grass planting and ecological restoration of degraded grassland





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Severe wind erosion and sandy grassland in X





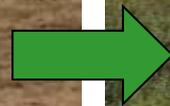
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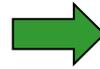
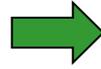
# Practice Case 2 - Ecological Rehabilitation of Degraded Grassland in Xilinhot, Inner Mongolia





# Practice Case 3 - Ecological Restoration in Mining Area of Tongluo Mountain, Yubei District, Chongqing

- ❖ 41 concentrated and contiguous abandoned mines and 14.87 square kilometers of affected areas were restored



Before and after Ecological Restoration in Mining Area of Tongluo Mountain



## Practice Case 3 - National ecological protection and restoration promote the space revival

### ❖ Ecological Restoration in Mining Area of Tongluo Mountain, Yubei District, Chongqing



Constructed Yubei Tongluoshan Park





# Practice Case 4 - Systematic Restoration of Lengshuijiang Antimony-Coal Mining Area of Loudi City





# Practice Case 5 - Systematic Restoration of Lengshuijiang Antimony-Coal Mining Area of Loudi City





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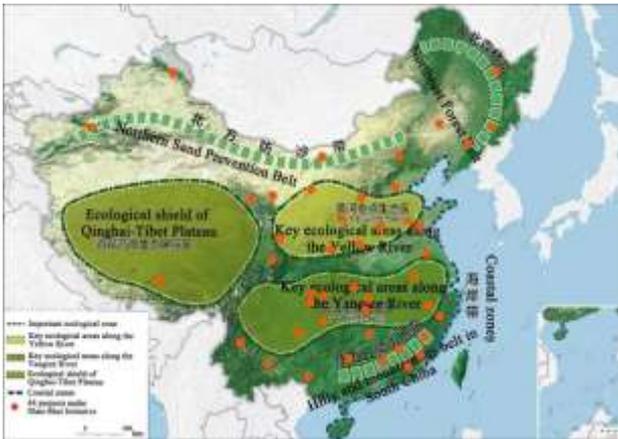
## 3. Experience and Future direction





# Achievements

## ❖ Shan-Shui Initiatives



until 2023, China has implemented 44 landscape projects

a cumulative restoration area of more than 3 million hectares.

2022, Shanshui Project was successfully selected as The first

batch of UN ecological

Top ten flagship projects

world.





# Future directions

## 1. Aiming at the frontier of international ecological protection and restoration, proposing Chinese solutions

✓ Applying NbS to China Shan-Shui Initiatives

✓ On October 14, 2021, at the 15th Conference of the Parties to the Convention on Biological Diversity (CBD), host a special forum on "Ecological Conservation and Restoration Based on Natural Solutions", which enhanced the international influence of ecological conservation and restoration in China.





# Future directions



**2. Strengthen the up-and-down linkage, and continue to promote the preparation of ecological restoration planning at all levels**



standards

**3. Accelerate the preparation of general and special technical standards**

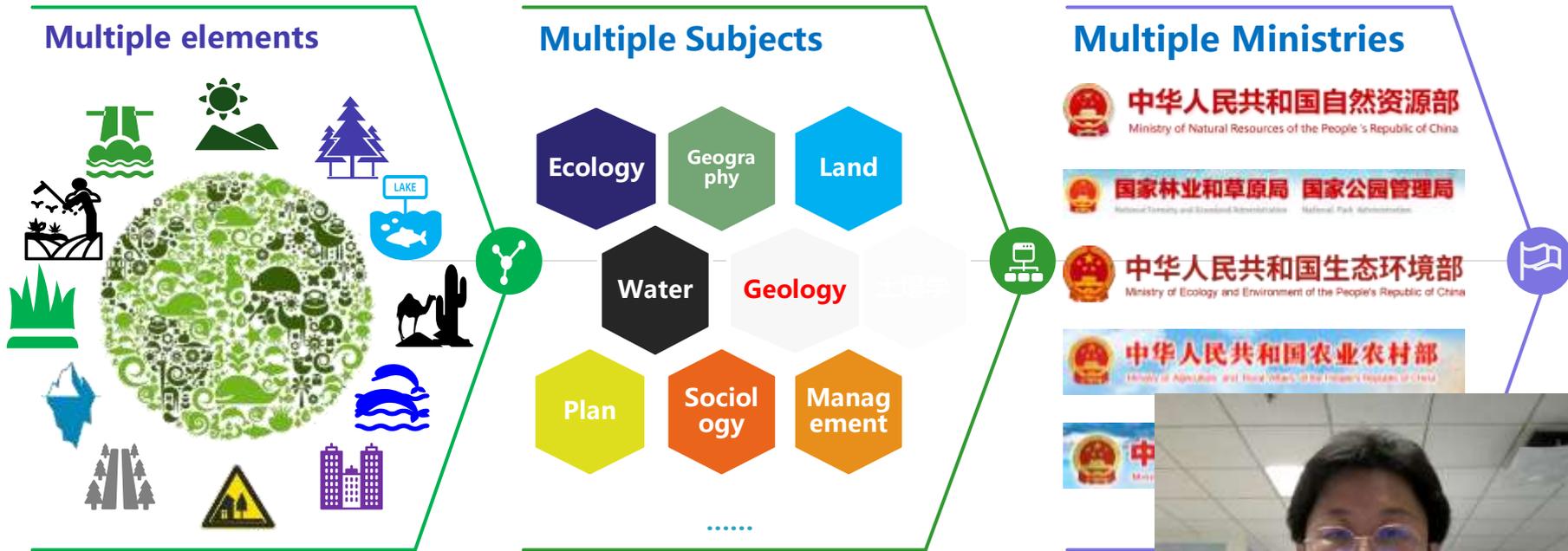
**Improve the standardization and operability of ecological protection and restoration of space**





# Future direction

## 4. scientific guidance for ecological protection and restoration of national land space



Living in harmony with nature





4·22

第54个世界地球日主题宣传活动周（2023年4月17日—23日）

珍爱地球 人与自然和谐共生

山水林田湖草

是生命共同体

Thank you for your attention



自然资源部宣传教育中心



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珍爱地球 人与自然和谐共生

只有一个地球

共有一个家园



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