

# 尤溪联合梯田

## 保护、发展、提升浅析

Protection measures, development  
experiences and promotion plans  
of

Youxì Lianhe Terraces



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# Heritage Site Conditions



**Youxi County** was founded in Tang Kaiyuan 29 (741 AD), is the birthplace of Zhu Xi, a famous Confucianist and educator in the Southern Song Dynasty. It is the county with the largest population in Sanming City, Fujian Province.

- ◆ Climate: Mid subtropical monsoon climate
- ◆ Precipitation: Rain and heat in the same period. There are often droughts in July-August.
- ◆ Soil: Clay is the main soil type that maintains moisture in terraces.



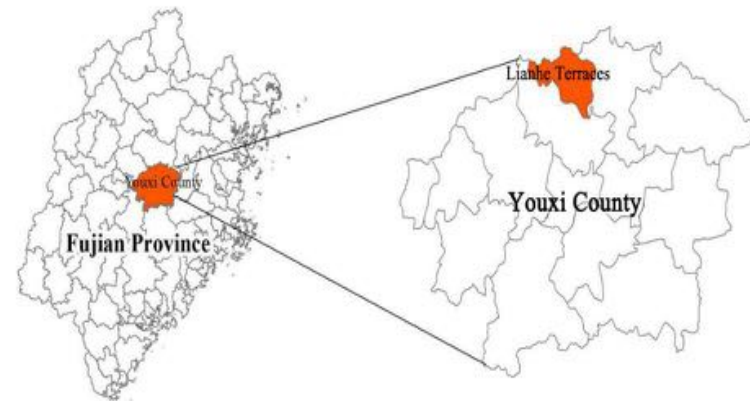




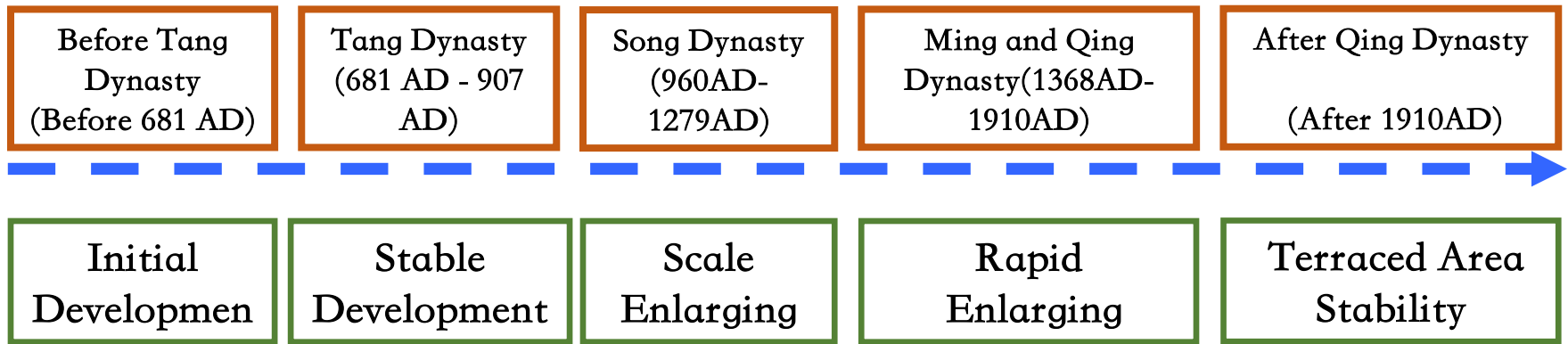
# Lianhe Terraces

- ◆ Located in Lianhe Town of Youxi County, it is one of the oldest terraced groups in China.
- ◆ According to historical records, immigrants have moved in the Eastern Jin Dynasty.
- ◆ The core area of the terrace covers 8 villages including Lianhe, Liandong, Liannan, Lianxi, Dongbian, Lianyun, Yunshan and Xiayun.

- ◆ The terraced field has a maximum altitude of more than 900 meters, a minimum of 260 meters, and a vertical drop of nearly 700 meters.
- ◆ The core area is 10717 mu (about 7.14 km<sup>2</sup>).
- ◆ The Lianhe Terraces are large and "small": "eyebrow hills, hat hills, toad jump over three mounds" is the true portrayal of the Lianhe Terraces.



## □ Development history and evolution



*More than  
1,300 years  
of history*





# Heritage Characteristics

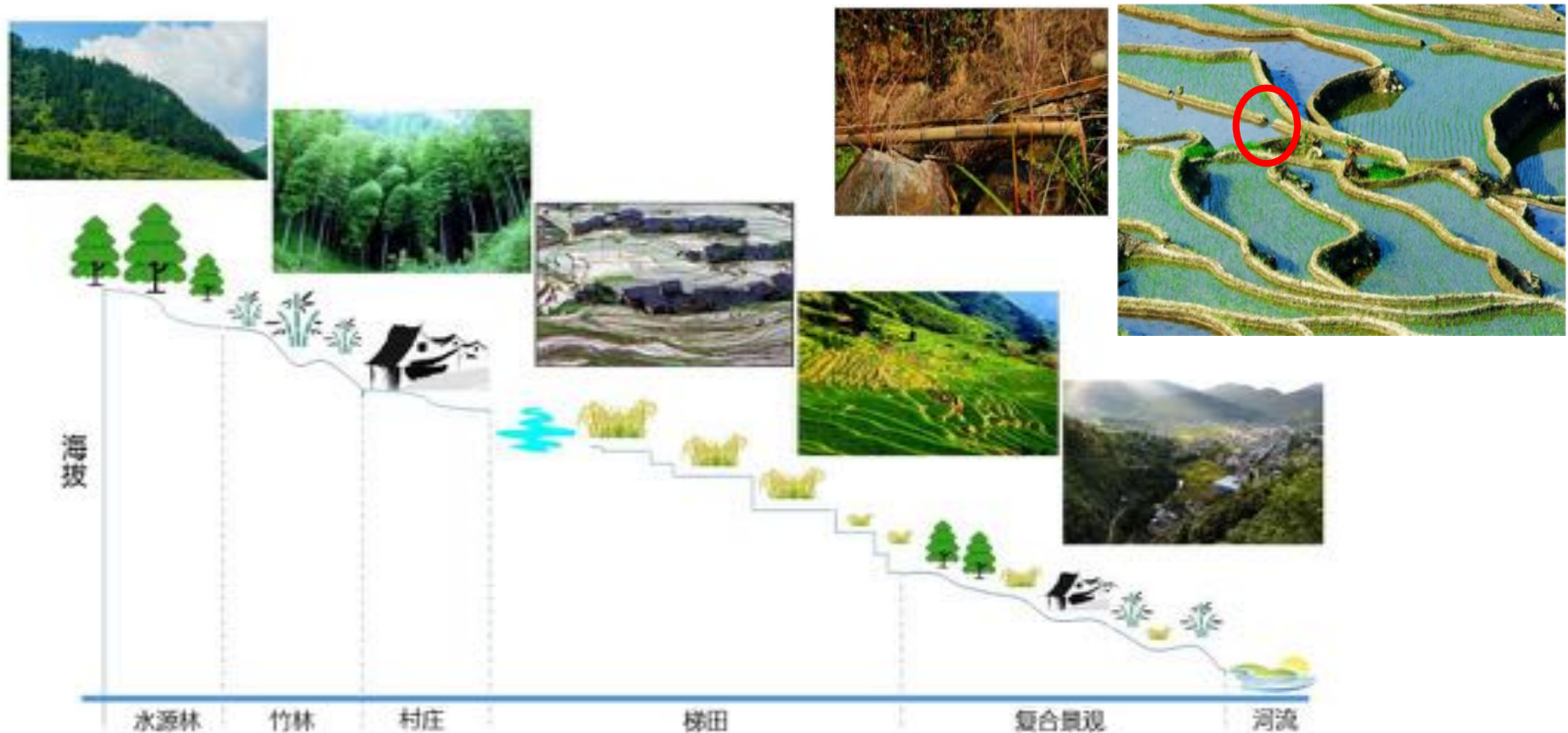


# GIAHS

## Complete ecosystem



- ◆ **Compound ecosystem:** forests-bamboo forests-villages-terraces-terraced village complex-rivers;
- ◆ **Irrigation system:** the water flows from top to bottom through the drainage pipes produced by ditches and moso bamboos.



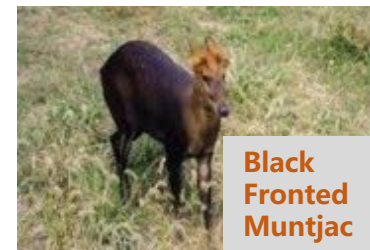


## □ Rich rice varieties and biodiversity

- ◆ **Traditional rice varieties:** 72 traditional local rice.
- ◆ **Animal and plant resources :** The forest coverage rate is 66.89%, 668 species of plants, 170 species of animals; 27 species of common microorganisms, 52 species of wild rare and endangered animals, 20 species of plants.



## ◆ First-Grade State Protection Animals



## ◆ First-Grade State Protection Plants



## □ Traditional agriculture and farming knowledge

### ◆ Traditional composite agro-ecosystem



Rice-fish farming system   Rice-duck farming system

Field snail breeding  
in rice field

Rice-bean intercropping

### ◆ Traditional Farming Knowledge



Plough

Transplanting

Harvest

Green Manure Planting



## □ Harmony between man and nature

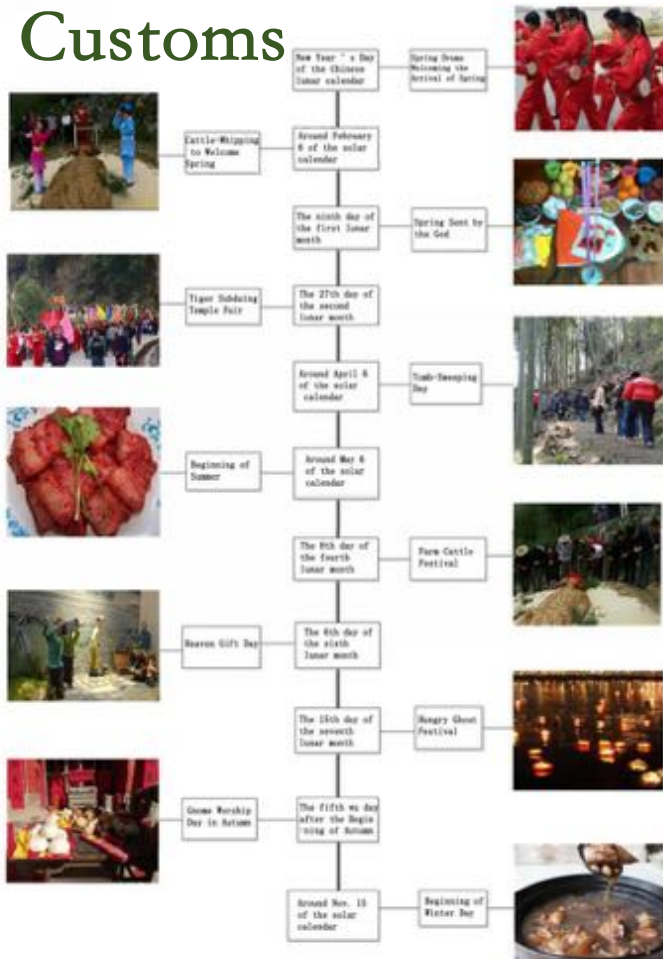
- ◆ **Traditional farming methods** : The use of chemical fertilizers and pesticides is low, and the straw returning to the field, the manure of livestock and the fermentation of red peony to enhance soil fertility, ensure sustainable development and reduce the entry of harmful substances into the circulation. The concepts of eco-agriculture, circular agriculture and low-carbon agriculture represent both traditional farming civilization and the direction of contemporary advanced agriculture.



- ◆ **Living fossil** : The mountain farming ecosystem of "harmony between man and nature" is a living fossil of farming civilization.

## □ Farming civilization

### Festivals and Customs



### Local folk song ,Farming proverbs, Poems



### Traditional Handcrafts





## □ Traditional festival

## Start Ploughing Festival



- ◆ **Date:** the 8th day of the fourth month of the Chinese lunar calendar every year to hold Start Ploughing Festival.
- ◆ **Farm cattle:** On the day of the festival, farmers stopped working cattle.
- ◆ **Blessing:** Pray for a year of good weather and grain harvest by using rice and wormwood to make a special food called "Ai Guo" to worship the cow god.



## □ Traditional festival **Tiger Subduing Temple Fair**

- ◆ **Date:** the 27th day of the second month of Chinese lunar calendar to hold Tiger Subduing Temple Fair by Lianhe Town.
- ◆ **Blessing:** People welcome the tiger subduing master to tour the whole town and pray for a good harvest next year, and the family is safe and healthy.





## ▣ Traditional diet culture



Turnip  
kuih



Wormwood  
kuih



Rice  
gelee



White  
kuih



Loach rice  
vermicelli



Chopstick  
noodle



Ginger in  
vinegar



Rice  
wine



Grass roots  
soup



Garlic in  
vinegar



Preserved  
vegetables



Youxi preserved  
duck

# Heritage Conservation



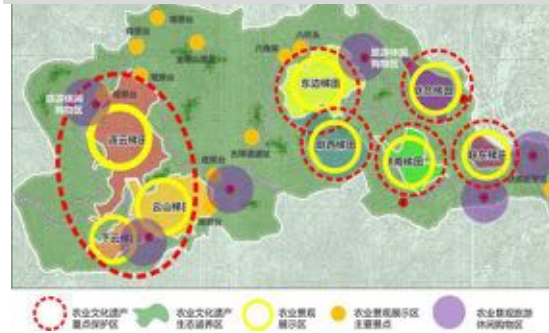


## Promote the implementation of the “Five Major Projects”

### ➤ Terraces maintenance and upgrading project



### ➤ Ecological protection upgrading project



### ➤ Infrastructure upgrading project



### ➤ Tourism development upgrading project



### ➤ Farming culture upgrading project



## Implementation the establishment of "Three Guarantees"

### ◆ Financial Guarantees

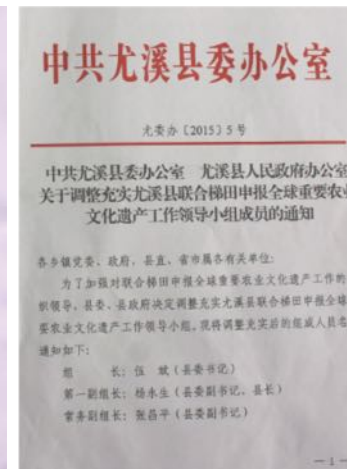
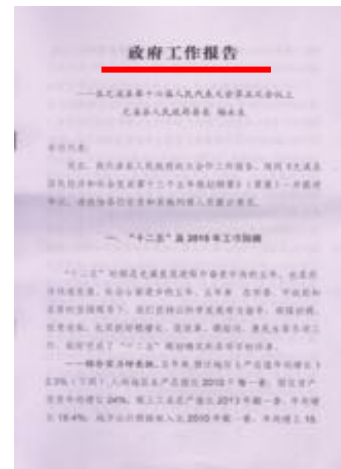
- Policy support of governments at all levels
- Protection fund
- Construction of pastoral complex
- Attract investment

### ◆ Mechanism Guarantees

- A county-town-village three-level agricultural cultural heritage protection institution was established.
- A system for the protection and management of agricultural cultural heritage was formulated.

### ◆ Legal Guarantees

- Promote legislature legislation, form laws and regulations, so that the terraces protection have laws to rely on.





# GIAHS



## Focus on protection and development in a small way

- ◆ **Water conservancy facilities:** Maintain water conservancy facilities, meticulously maintain and protect terraced irrigation systems.



- ◆ **Environmental co-construction:**

Patriotic clean campaign, domestic sewage treatment, garbage centralized clearance.



- ◆ **Wasteland reclamation:** Do not give up every hilly land of Lianhe Town, do not give up every inch of land left by the ancestors.





## Intellectual support for heritage management and rural revitalization



### ◆ Advanced experience:

Learn advanced experience in the same type of heritage.



- ◆ **Multiparty discussion:** we will absorb professional knowledge and broaden the overall pattern of protection and development of heritage sites through professional seminars and
- ◆ **Planning and design:** Guided by planning, moderate development of Lianhe Terraces.



# GIAHS

## System design and common prosperity in rural areas



- ◆ **Have laws to rely on:** Formulate laws and regulations for the protection of heritage sites;
- ◆ **Whole village circulation:** Taking farmers' cooperatives as the main body, realizing the whole village circulation of cultivated land, achieving the overall improvement of agricultural quality and efficiency, and realizing the overall speed of terraces tourism development.
- ◆ **Involvement of people:** Make clear the bonus mechanism with green agriculture and tourism development, and realize everyone's participation.



## A virtuous circle of tourism development and heritage protection

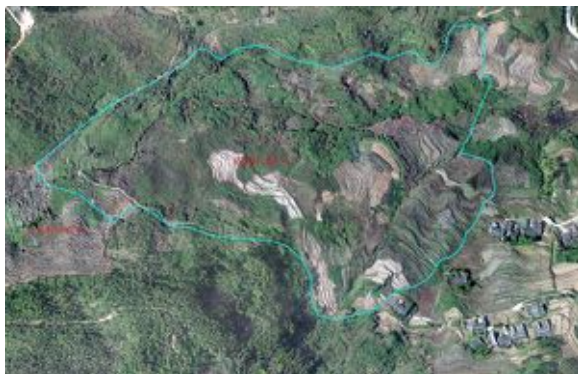
- ◆ **Development and Protection:** Tourism development is an important way to protect the heritage site. In the development process, the ecological protection red line is delineated.
- ▶ **Virtuous cycle:** On the premise of protection, the tourism development project of "Splendid Terraces" should be promoted to achieve a positive interaction between the government and the development enterprise. Enhance the income of local farmers through tourism and work together to protect the heritage.

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汽车露营地节点说明

## The protection red line of



Lianxi Terraces



Lianyun Terraces



Dongbian Terraces



# GIAHS

Modern agriculture with the integration of the first, second and third industries



- ◆ **Modern agriculture:** The Jiutai Modern Agriculture Project was introduced to develop high-efficiency ecological agriculture integrating agricultural product cultivation, processing and sightseeing and picking in the non-core area of terraced fields to realize the “three-industry integration” and form the radiation effect.
- ◆ **Continuing tradition:** The concepts of ecological agriculture, circular agriculture and low-carbon agriculture represent both traditional farming civilization and the direction of contemporary advanced agriculture.





## The pastoral complex of trinity of agricultural culture and Tourism

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► **Overall Planning:** Through resource integration to create an pastoral complex.



◆ **Creative agriculture:** Ecological picking, farming experience, special events and brand





## The pastoral complex of trinity of agricultural culture and Tourism

- ◆ **Three town:** Cultural Tourism Town, Fruit Town, Sakura Town



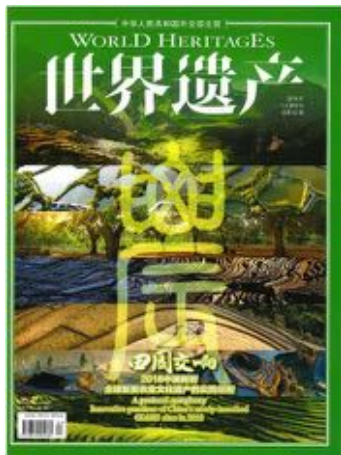
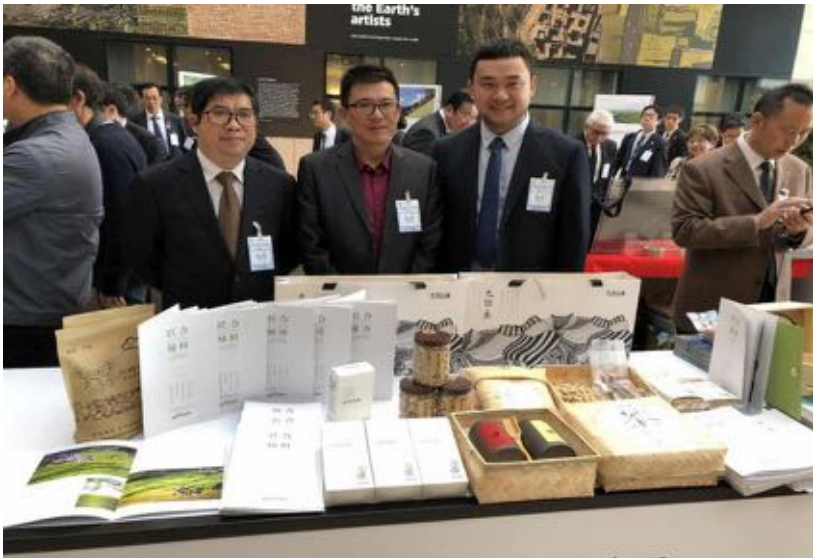
- ◆ **The pastoral complex:** To build a pastoral complex featuring distinctive features, livable and suitable for industry, agriculture, culture and tourism, which takes tourism as the guide, industry as the core, agricultural civilization as the soul, infrastructure as the support and rural revitalization as the goal.

# Preliminary Achievement





## The popularity of Lianhe Terraces in Youxi is further enhanced





## Establishment of "Lianhe Terraces" brand system





## Initial establishment of the development pattern

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Lianhe Terraces--  
Comprehensive development of  
heritage tourism



Market Town--Cultural tourism town of terraces



Jiutai Modern Agriculture-Leisure  
agriculture



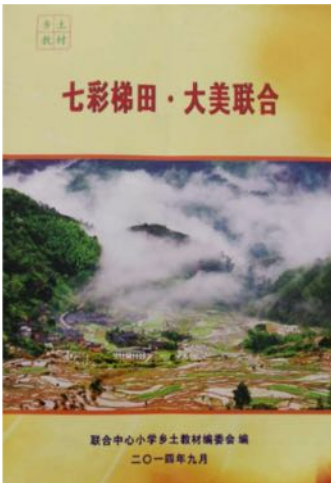
## Gradual improvement of infrastructure

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## Effective inheritance of farming civilization





# Thanks for watching