

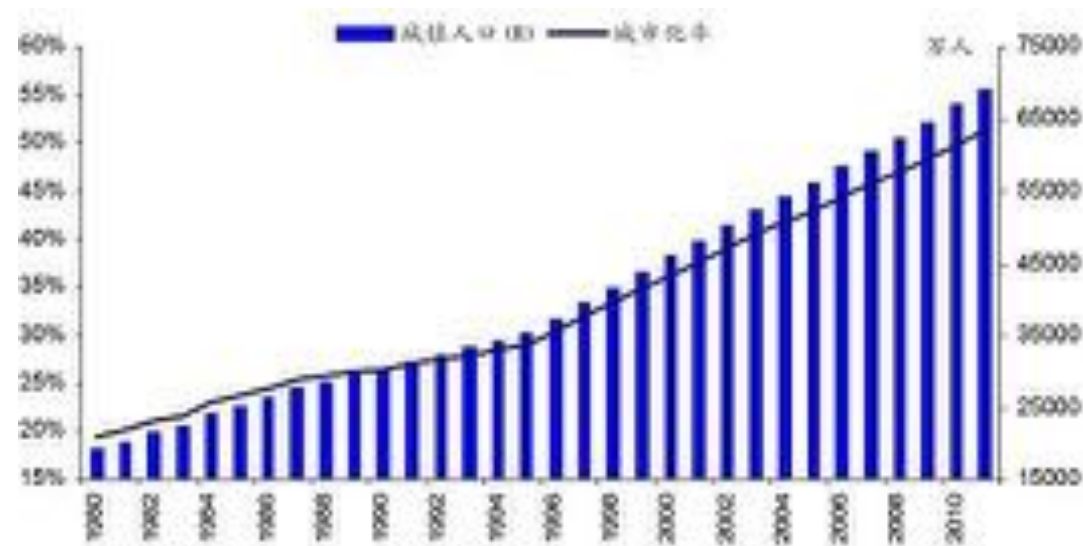
GIAHS/NIAHS Conservation and Rural Revitalization

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- **Rural Revitalization: A Global Issue**
- **GIAHS/NIAHS: “Gene Banks” for Rural Revitalization**
- **GIAHS/NIAHS Sites: Best Demonstration Regions for Rural Revitalization Strategy**

China's urbanization

- It is well known that the widening gap between urban and rural areas and the decline of rural areas are the realities together with China's rapid development.



A sharp contrast

- With the development of industrialization and urbanization, the urban expansion and rural decline perform at the same time.



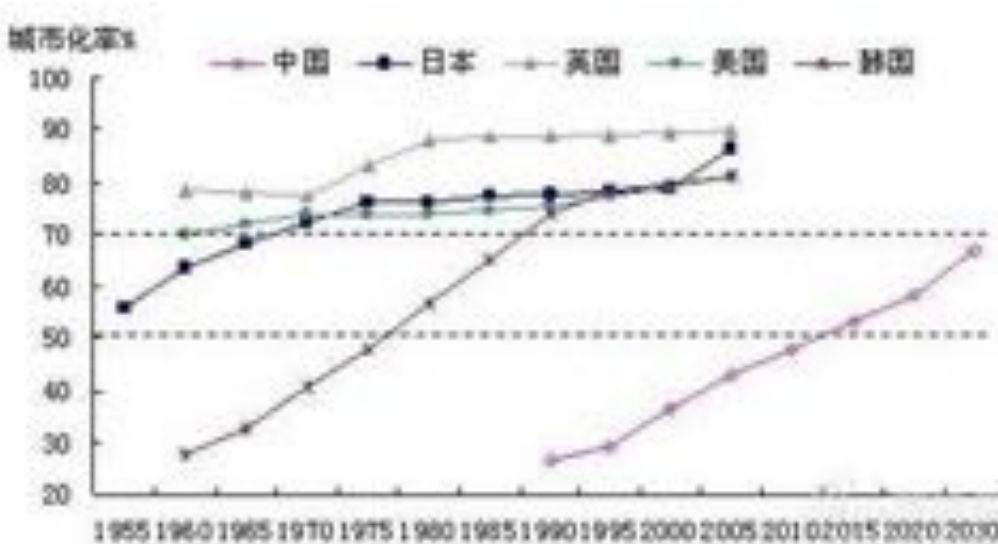
Current status of countryside

- Inner Decaying Village.
- left-behind children, the elderly and staying women.



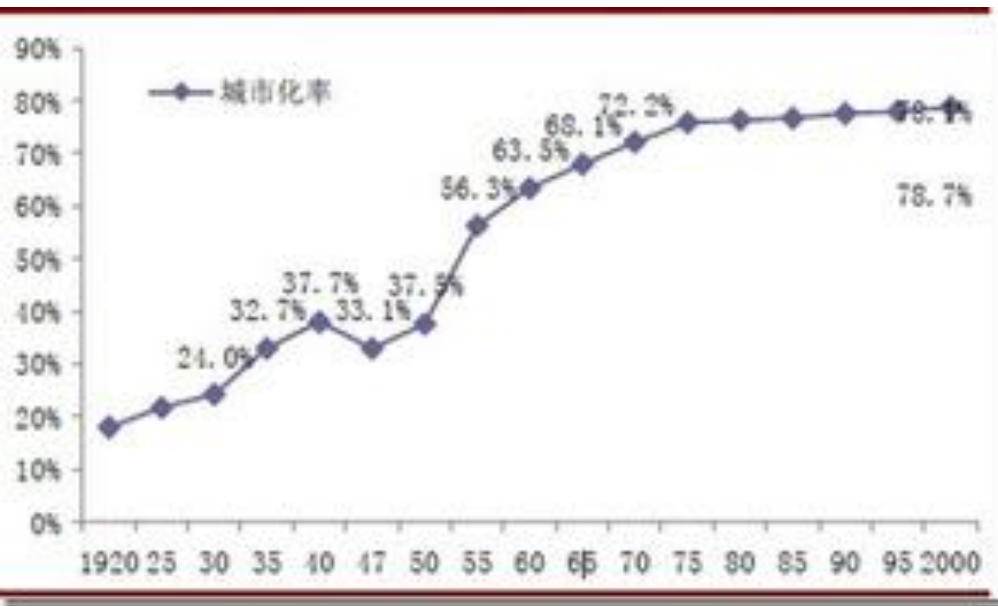
A global challenge

- In fact, not only in China, the world also faces the challenges.



Experiences from Japan

- Rural revitalization campaign in 1960s
- New village movement in the late 1970s



China's “Rural Revitalization Strategy”



- On October 18th, 2017, Xi Jinping put forward the “Rural Revitalization Strategy”.
- On December 29th, 2017, the Central Conference on Rural Work clarified the objectives, tasks and timetables.
- On March 8th, 2018, Xi further summarized “*Five Revitalization Approaches*” including industrial, talent, cultural, ecological, and organizational revitalizations.

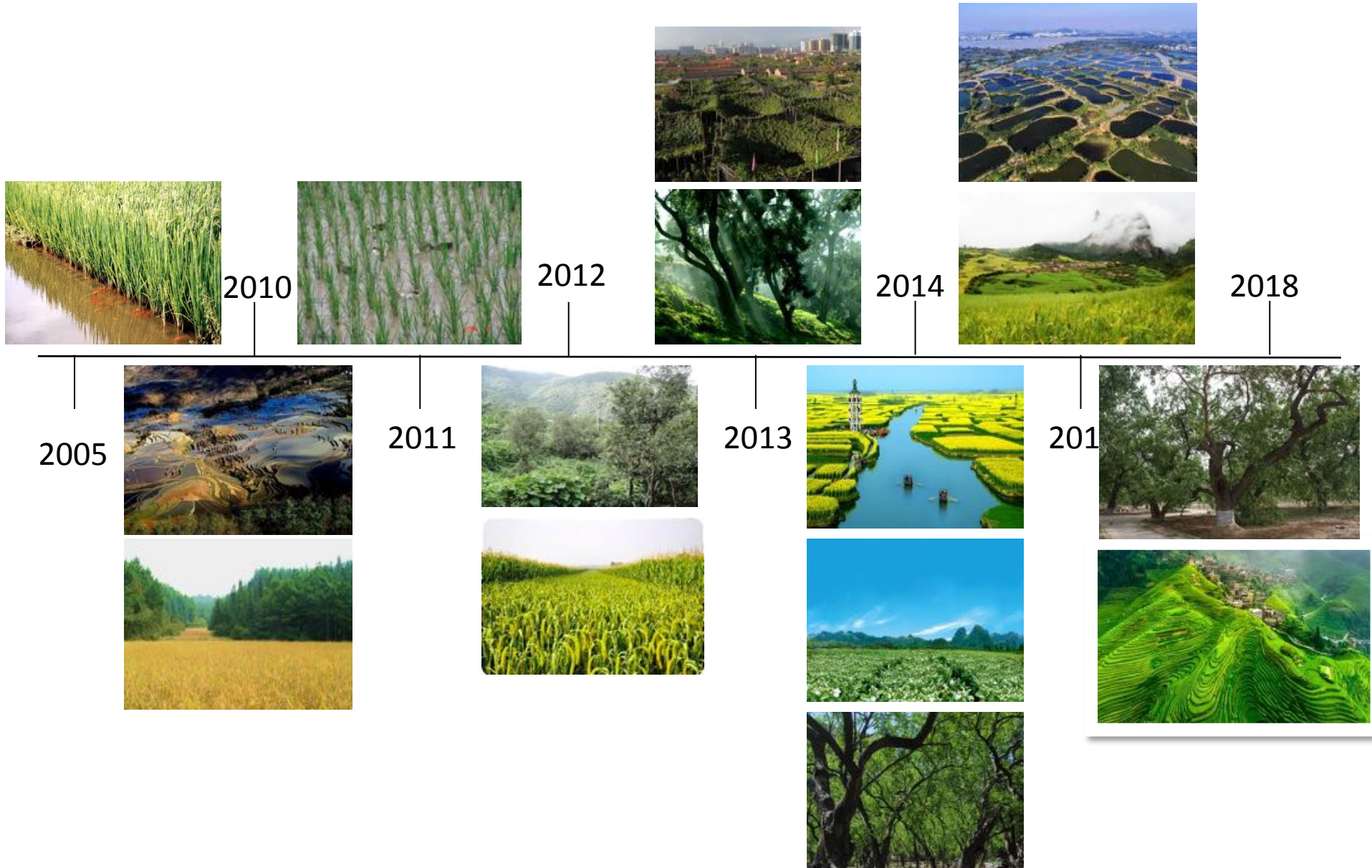
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GIAHS/NIAHS: A new kind of “Heritage”

- In 2002, FAO launched the GIAHS initiative.
- In 2012, China’s MOA launched China-NIAHS program.



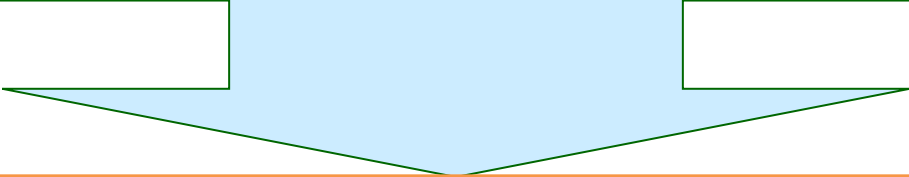
China's GIAHS sites



GIAHS: Heritage for the future

Definition :

Remarkable Land Use Systems and landscapes which are rich in biological diversity evolving from the ingenious and dynamic adaptation of a community/population to its environment and the needs and aspirations for sustainable development (FAO, 2002)

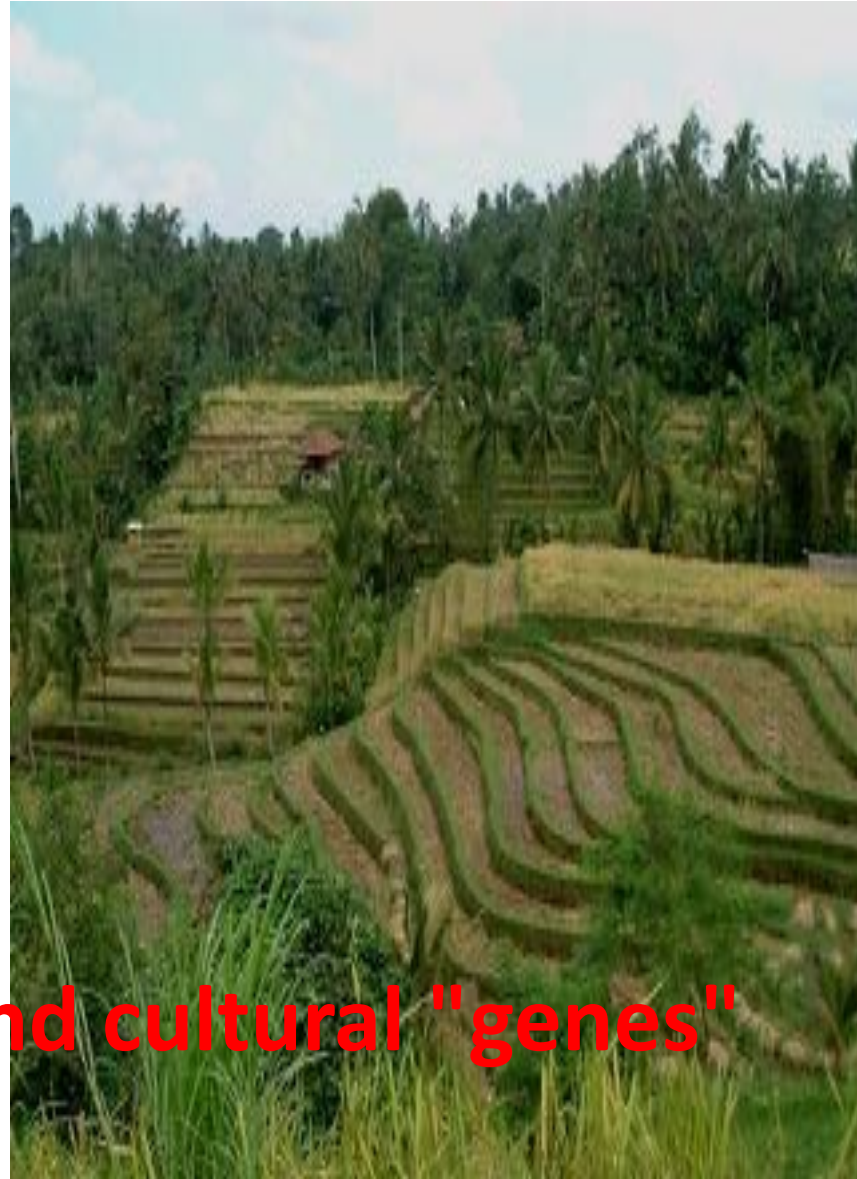


- **Integrated Agricultural, Forestry, Livestock and Fishery systems;**
- **Result of co-adaptation and co-evolution of plants, animals, humans and landscape under specific environmental circumstances;**
- **Managed through highly adapted social and cultural practices and institutions;**
- **Provide food and livelihood security and social, cultural and ecosystem services;**
- **Important at local, national and global levels; and**
- **They are under threat.**

Features of GIAHS/NIAHS

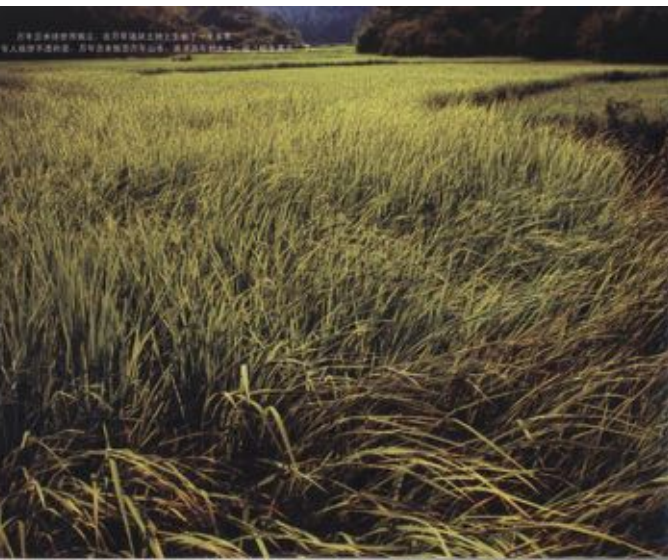
- Living
- Adaptive
- Complex
- Strategic
- Multi-functional
- Endangered

biologic, technological, and cultural "genes"

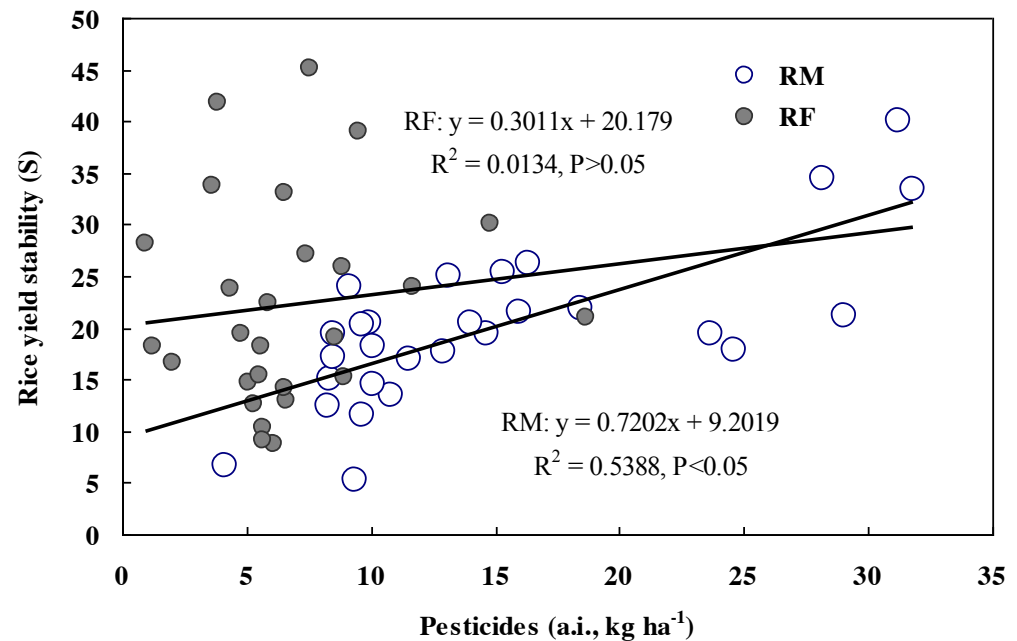


Biologic "genes" for modern agricultural development

Crop	Varieties
Rice	Wuyuanhan Rice
	Yehele Rice
	Traditional Glutinous Rice



Technological "genes" for eco-agricultural development



Cultural "genes" for sustainable rural development



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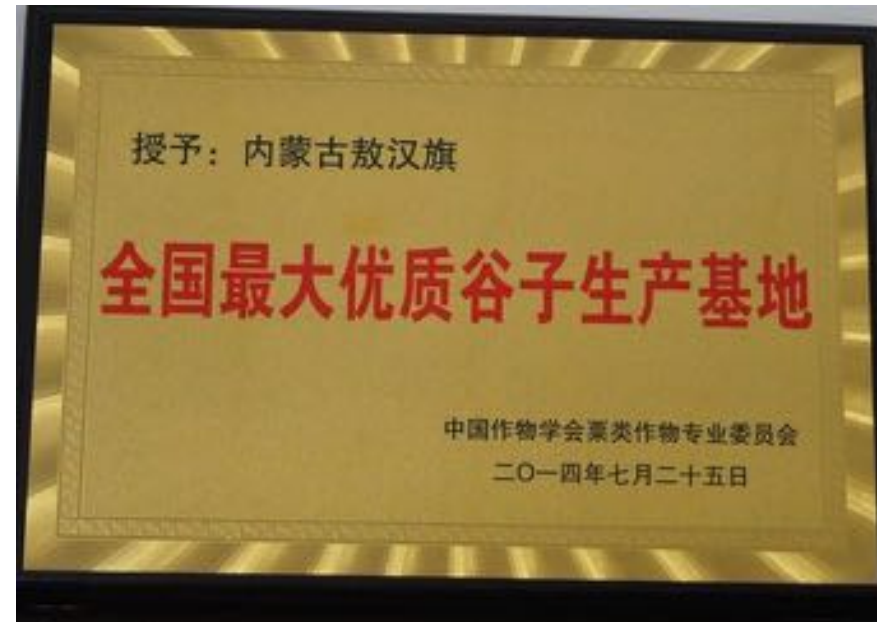
GIAHS/NIAHS sites are the most needed for revitalization

- Weak infrastructure and backward economic development;
- fragile ecosystems and abundant biological resources;
- abundant traditional knowledge and comprehensive technical system;
- abundant cultural resources and beautiful rural landscapes; and
- large population whereas a shortage of talent resource.



How to achieve rural revitalization?

Industrial revitalization



Bio-resource industry



Processing industry

**Leisure agriculture
& rural tourism**



Cultural industry

Agriculture



Food industry



Talent revitalization

- Cooperative leader: Guo Wuliu
- Returned college student: Liu Haiqing
- Returned overseas Chinese: Jin Yuepin



Cultural revitalization



Ecological revitalization



Organizational revitalization



- A Chinese proverb: Consider the past and your shall know the future. （温故而知新）
- Learn from the past for the future.
- We could contribute our wisdom to the sustainable agriculture and rural revitalization of the world through GIAHS/NIAHS approaches.



Thank You for Your Attention

