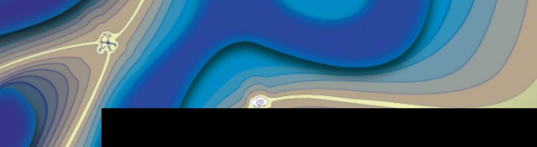




New Era Yuanyang Terraces

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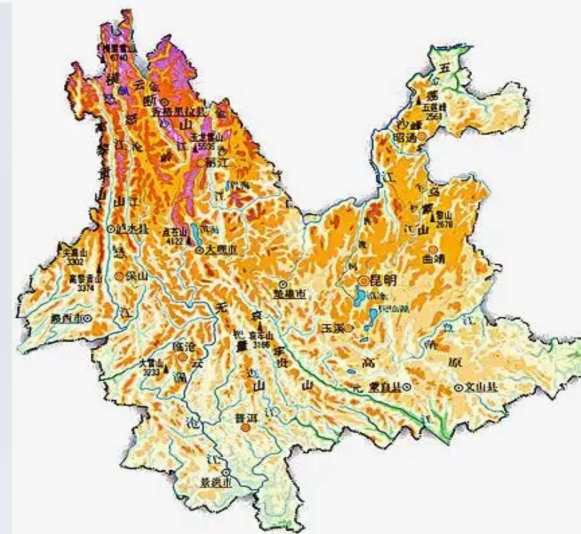
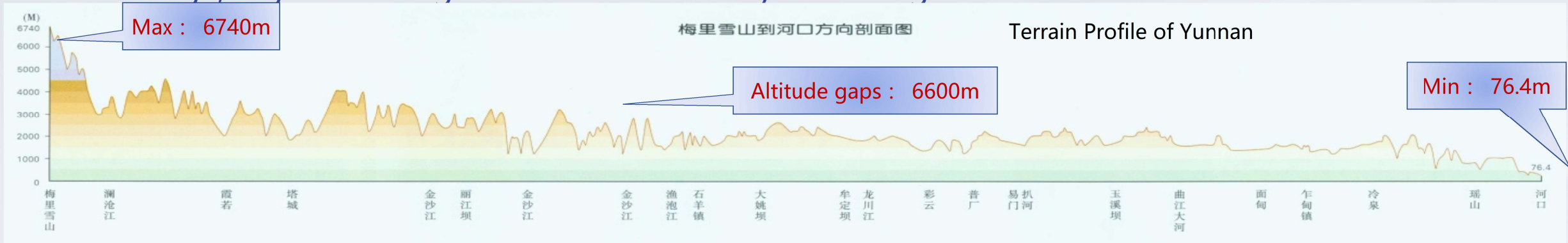


Content

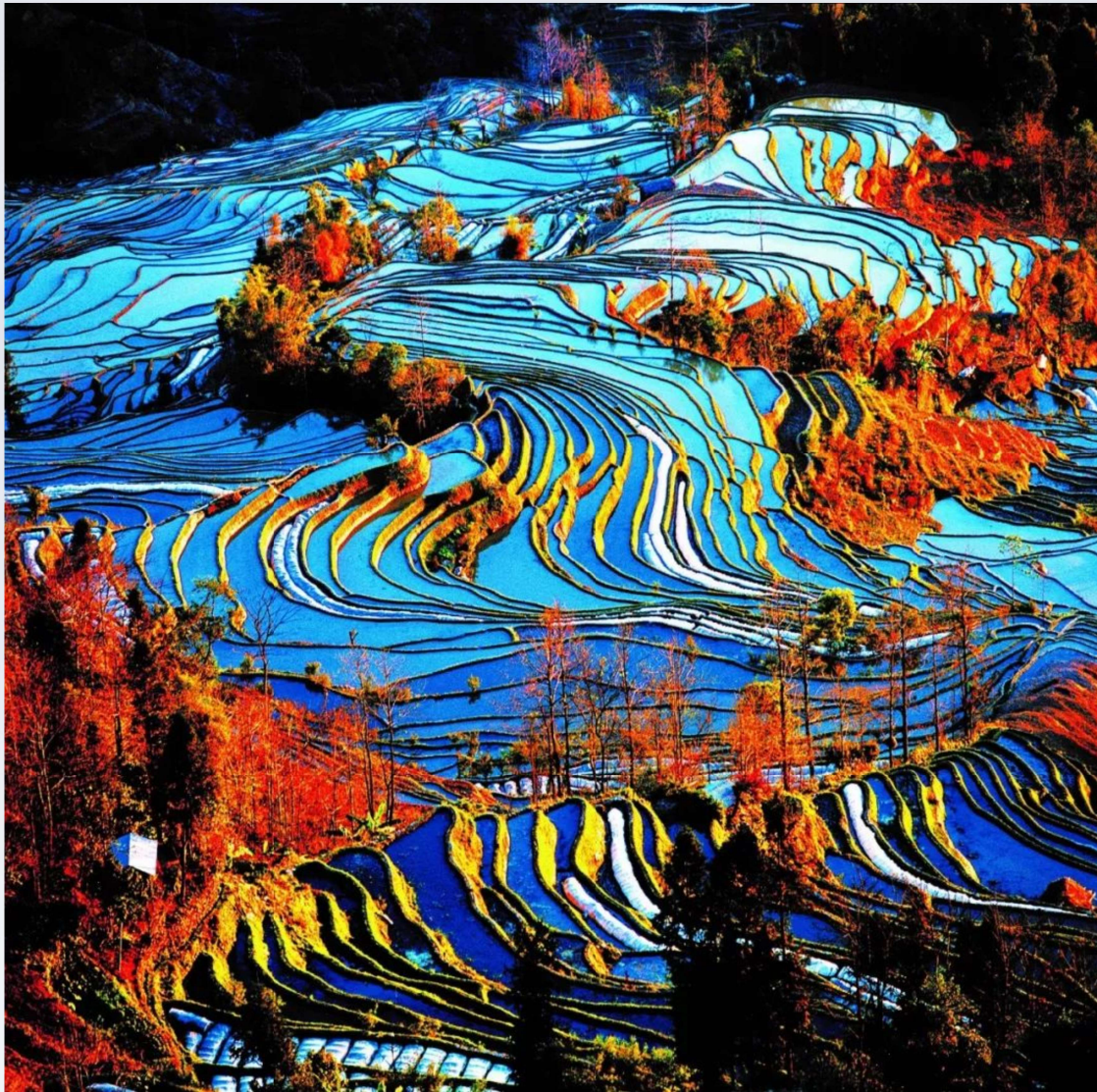
- **The Beautiful Yuanyang Terraces**
- **What is “New Era Yuanyang Terraces”**
- **Why should we build “New Era Yuanyang Terraces”?**
- **How to build “New Era Yuanyang Terraces”?**

1、The Beautiful Yuanyang Terraces

Yunnan, a desirable place located in the southwest of China, **with altitude gaps reaching over 6600 meters, 94% is covered by mountains**, The distribution of water resources is extremely uneven, making it difficult to develop and utilize water resources. The weakness of water infrastructure is the main cause of water shortage, regional droughts occur occasionally in this region.



1、 The Beautiful Yuanyang Terraces



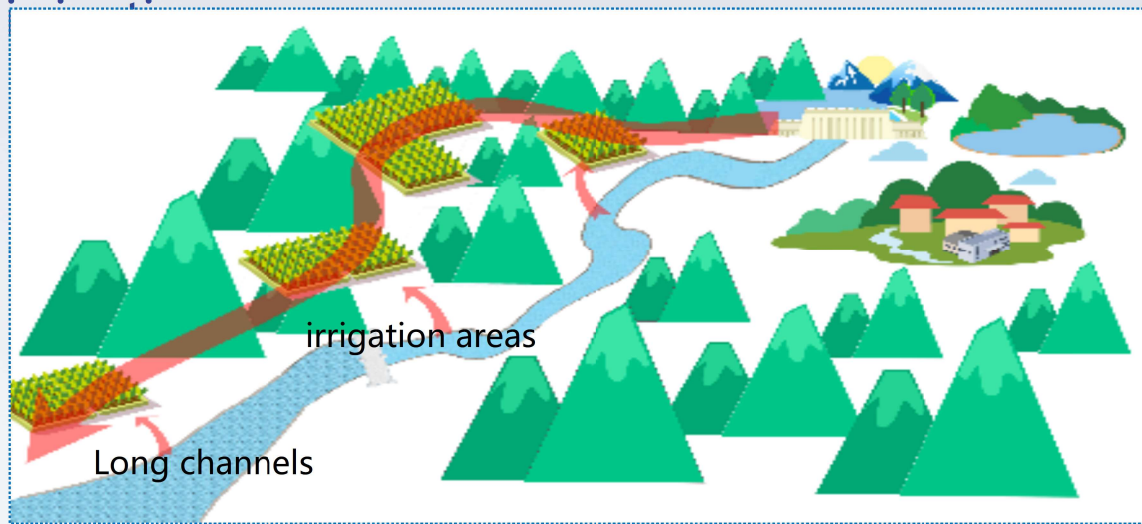
The Yuanyang Terraces

The Yuanyang Terraces, situated in the southern part of Honghe Prefecture, Yunnan Province, is a World Cultural Heritage site. The Hani ethnic group ingeniously utilize the natural advantages of the Ailao Mountain's—abundant water resources on the high elevation, by constructing water channels and **creating a stepped irrigation system**, they have achieved a harmonious coexistence between the natural environment, villages, and terraces.

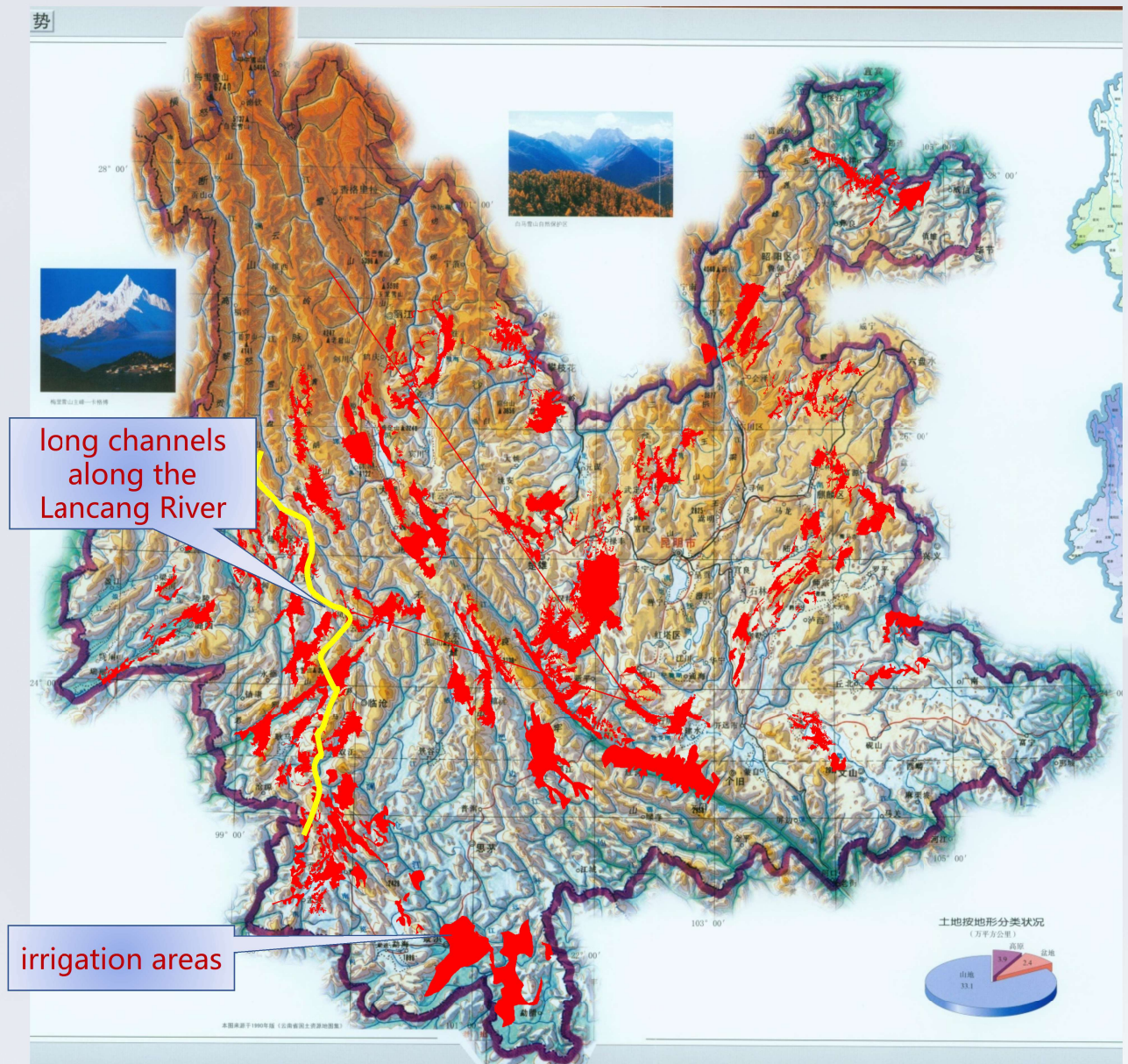
This provides us with a great experience in building “New Era Yuanyang Terraces” in the future.

2、 What is “New Era Yuanyang Terraces”

“New Era Yuanyang Terraces” fully absorbs the wisdom of the world heritage Yuanyang Hani Terraces .According to local conditions, construct **plateau three-dimensional** irrigation areas, through the form of long channels connecting valleys.It is the **harmonious 、 green 、 sustainable and modern**



long channels connecting valleys



2、 What is “New Era Yuanyang Terraces”

“New Era Yuanyang Terraces” is an outstanding representative of Yunnan's **12 million mu** irrigation districts, includes the Hani terraces we just mentioned, as well as the **San Guang** area in Xichou County, named after "the forests have been cut down, the soil erosion has been reduced, and all the girls have run away". This was originally a typical poverty area in rocky desertification, **but now has become an oasis.**

And,we will construct **15 million mu of modern irrigation areas .**



三光治理前



三光治理中



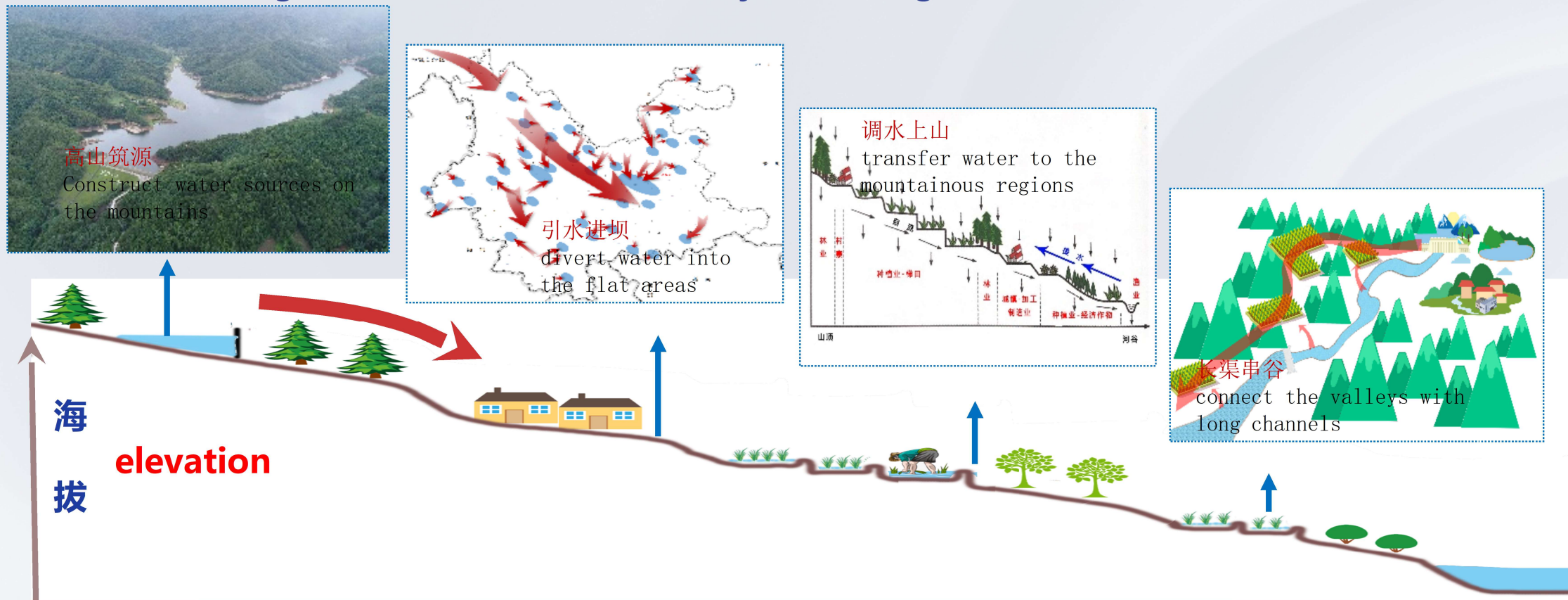
三光“六子登科”石漠化治理展新貌

Before and after comparison of the San Guang area

2、 What is "New Era Yuanyang Terraces"

"New Era Yuanyang Terraces" is a brilliant epitome of **Yunnan water network**.

In the future, we will construct a **3-dimensional water network in the plateau**. It is based on six major water systems, **construct water sources** on the mountains, **divert water** into the flat areas, **transfer water** to the mountainous regions, and **connect the valleys** with long channels.



3、 Why should we build "New Era Yuanyang Terraces"

1.Ensuring food security and assist in building a high-quality green food bases.

"New Era Yuanyang Terrace" can significantly enhance the water supply guarantee of Yunnan's major agricultural regions. It not only **increasing food supply**,but also fully **exploits the advantages of plateau characteristic agriculture**, supplying out-of-season produce, such as tobacco, sugar, tea, flowers, fruits, and Chinese herbal medicines.It can accelerate the construction of a **diversified food supply system**.



tobacco



flowers



tea



food security

diversified food supply system

3、 Why should we build "New Era Yuanyang Terraces"

2. Building an ecological protective screen to promote high-quality development.

We use "water" closely connect the life, production, ecology, and culture, to construct a system that **water-conservation** in montane regions, **soil and water conservation** on slopes, **multiple supply** between dry-hot valleys, **green** in rocky desertification area, **beautiful water town** in flatland region, **rice-insects-fish-ducks** in fields, and **beautiful scenery** by the lake.



soil and water conservation on slopes



rice-insects-fish-ducks in fields

3、 Why should we build "New Era Yuanyang Terraces"

3.Enhancing the people' s happiness index and contributing to rural revitalization.

By building the "last mile", continuously improving water conservation capacity, we will effectively address the water-related challenges faced by farmers, ensuring that they have access to **visible, usable, and dischargeable** water. This will **alleviate burdens and increase income for farmers.**





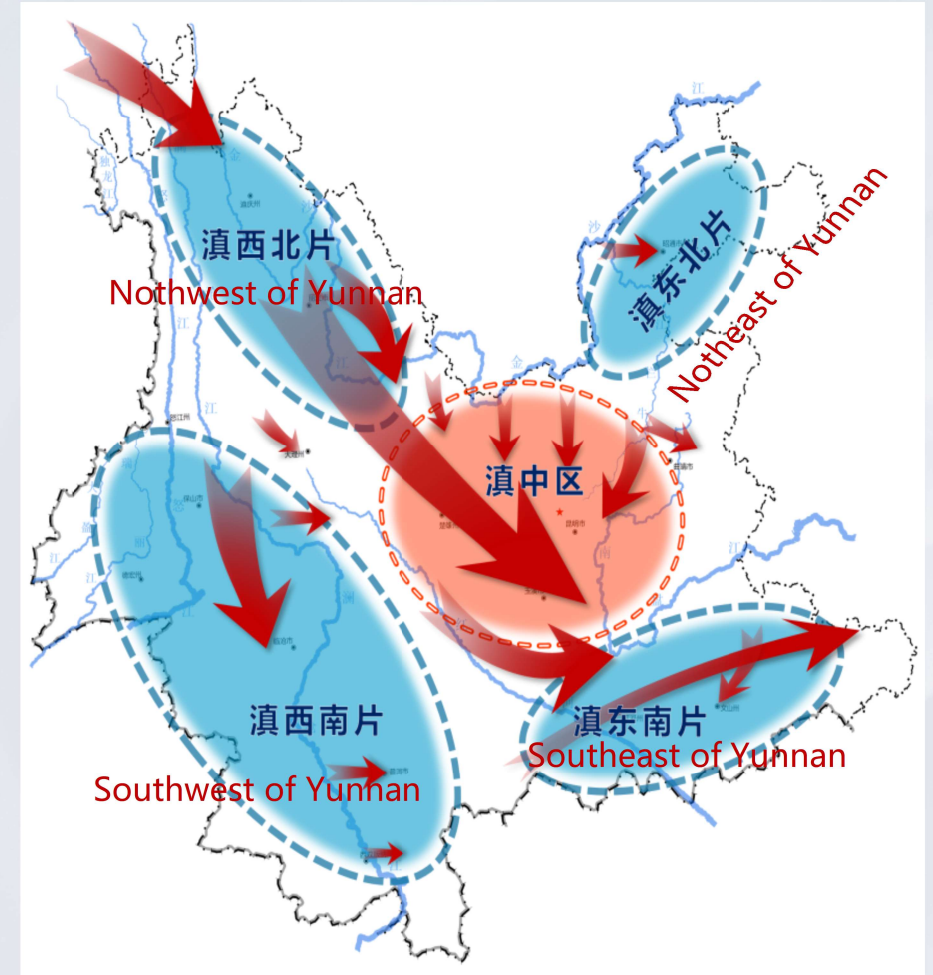
1. Priority for water conservation

Improving the system for the strictest possible management of water resources, using **water conservation** as a priority measure to solve the low utilisation rate of water resources in traditional irrigation areas.



2.Rational water resources allocation

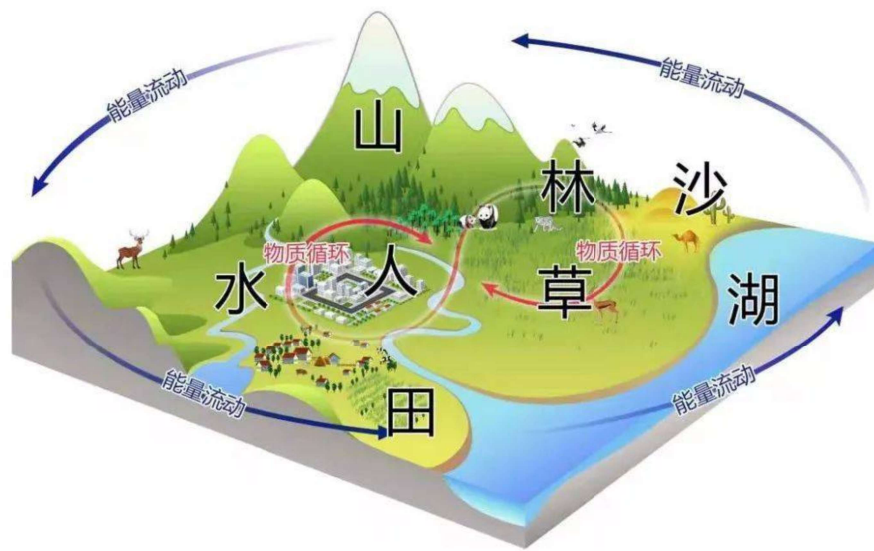
we should adhere to the combination of **storage, diversion, and regulation**, construct **large, medium, small, and micro** water conservancy projects concurrently, and accelerate the construction of an interconnected and orderly **3-dimensional water network on the plateau**.



Spatial Distribution of water network in Yunnan

3. System Governance

Adhere to systematic thinking, constantly strengthen integrated protection of **mountains, rivers, fields, lakes, grass, and sand**, and strive to realise the **organic integration** of history and culture, national characteristics, ecological civilization, water conservation, and people's livelihood.

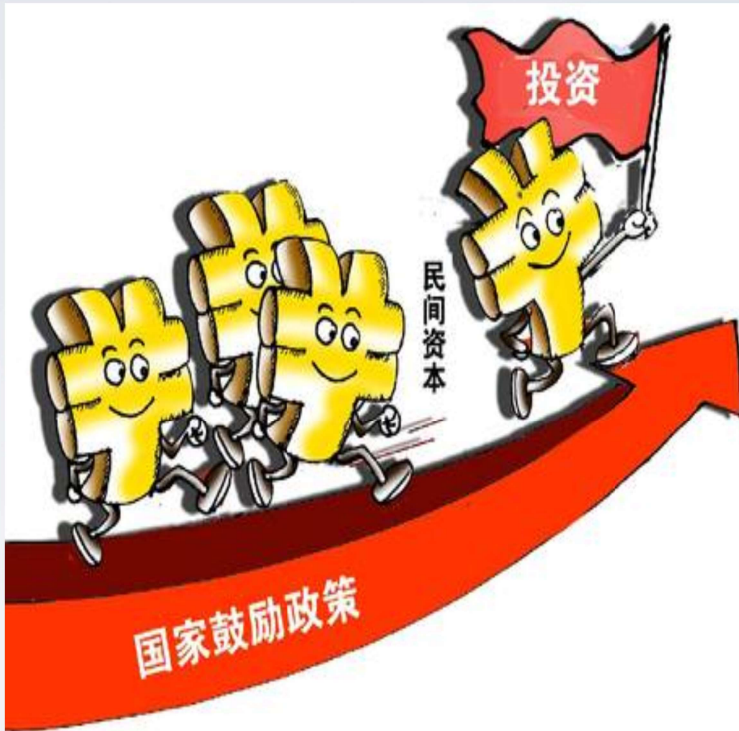


4、 How to build "New Era Yuanyang Terraces"



XVIII
World Water Congress
International Water Resources Association (IWRA)

And in the end ,we should ensure that **both government and market play their respective roles**, Continue to promote **agricultural water price reform**, management and protection mode innovation and **improve the investment and financing mechanism**, to promote green and sustainable development of **modern irrigation areas**.



Welcome to the beautiful Yunnan
Thank you

