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# Outline

1

# **Backgrounds**

2

What is happening in China

3

**Experiences and Lessons** 



**Look into future** 



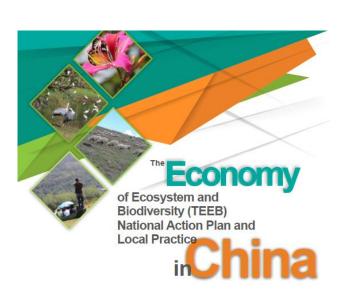


## **Backgrounds**

#### China TEEB initiative

Since 2014, China has participated in the international TEEB programme which initiated by UNEP. China's national initiative is jointly led by the Ministry of Environment Protection(MEP) and Chinese Academy of Sciences(CAS). A national TEEB action plan has been elaborated jointly by the MEP and CAS.

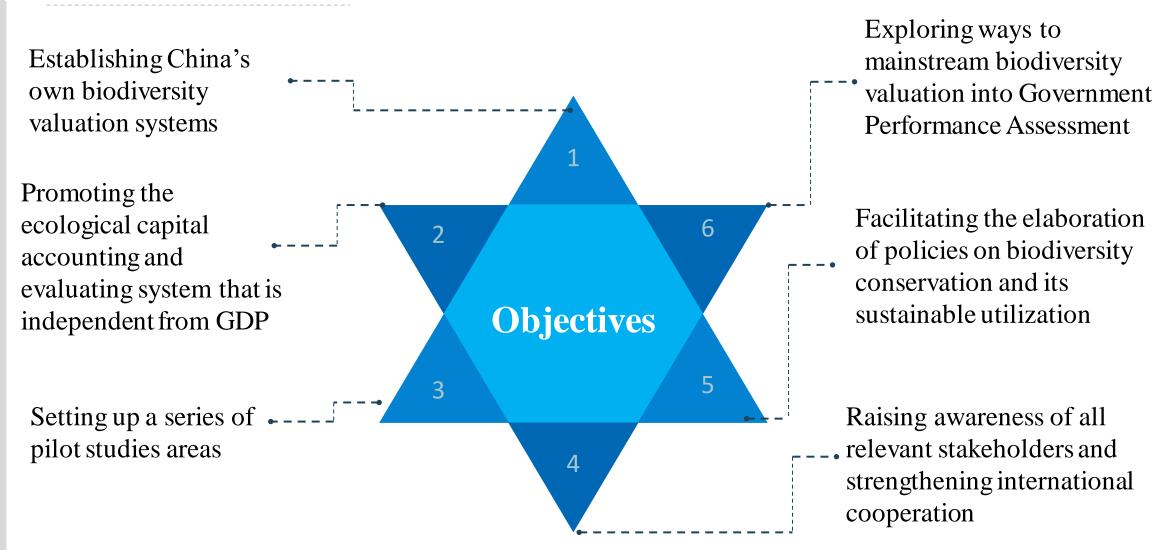








### **Backgrounds**









A manual on methodologies for valuation of China's ecosystem services and biodiversity was elaborated with actively participation of experts, including Academicians of Chinese Academe of Sciences and Chinese Academe of Engineering.

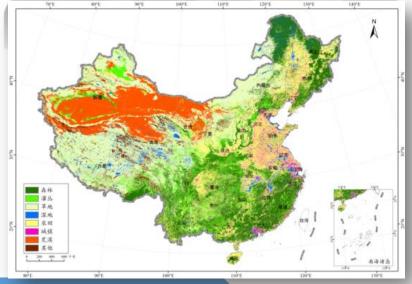


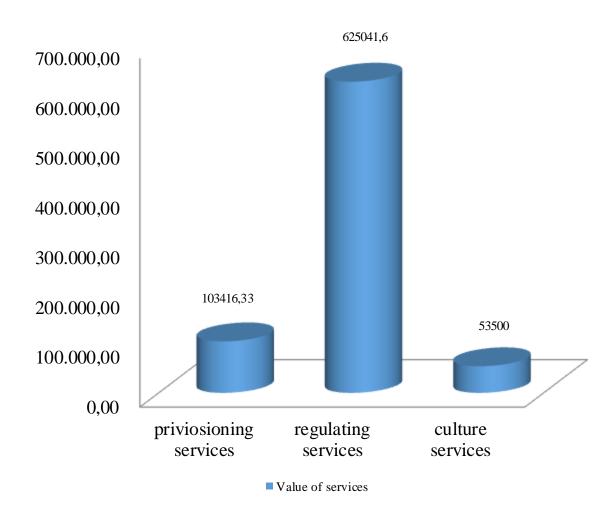












Total value provided by China's ecosystem services in 2014 is about 7,800 billion RMB Yuan(\$1,200 billion USD)

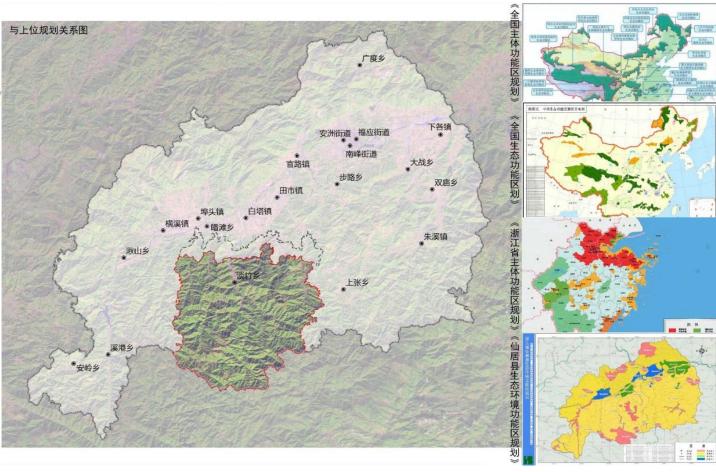






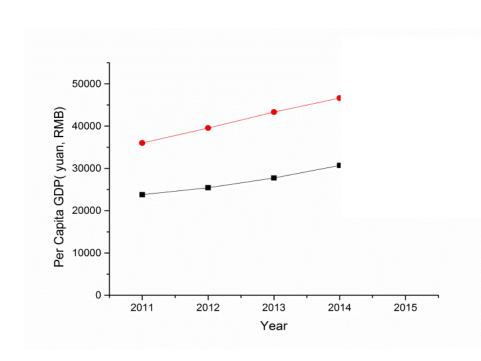
• Xianju is rich of biodiversity. Xianju also locates in prohibited zone for development according to China's plan for Major Functional Zones. All these factors have impacts on local social and economic development.

#### Xianju county, East China

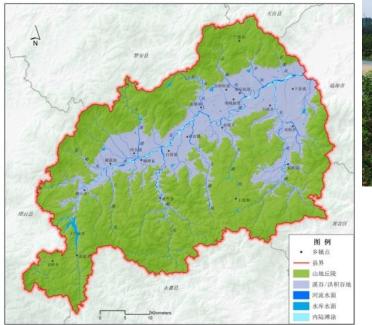








• 80% of Xianju county is mountains and hills, lacking of spaces for industrial development, GDP per capita is much lower compare with China's average.









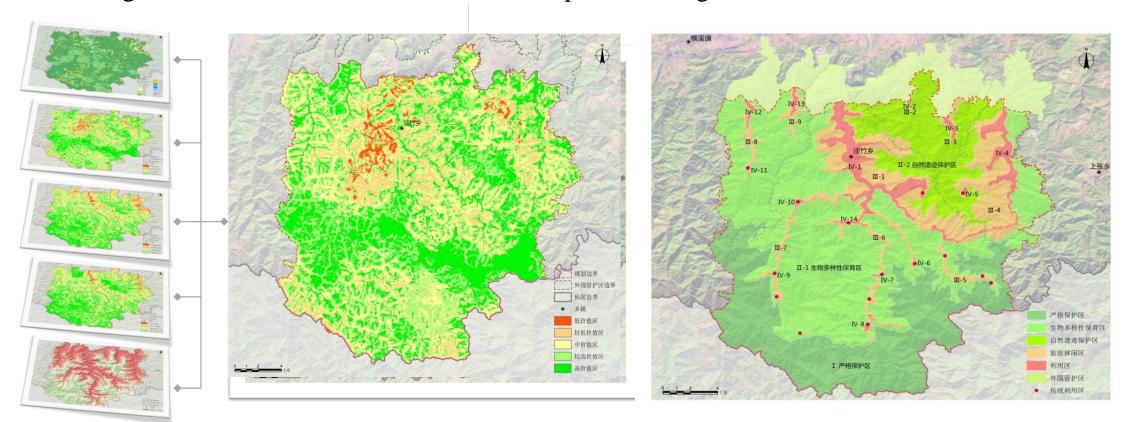
Rock climbing

Natural and historical attractions in Xianju





• Due to spatial distribution values of ecosystem service, Xianju established the National Park, and regulated different conservation and development strategies within the area



Spatial distribution patterns of ecosystem service in Xianju National Park

Spatial zoning plan of Xianju National Park



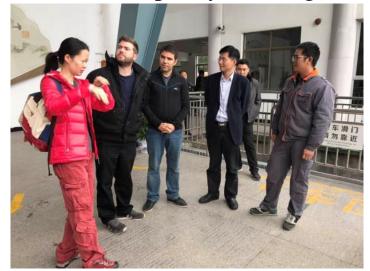






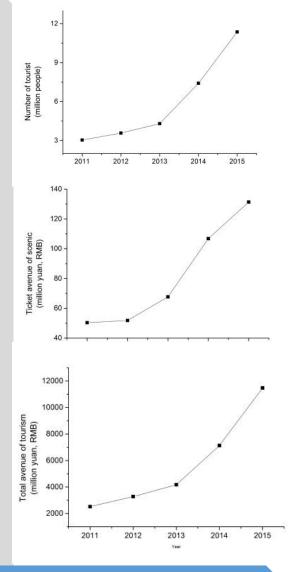
- In order to increase financial resources for conservation, Xianju National Park launched a series of outreach actions, highlighting the values of ecosystem services and biodiversity within the county though Sino-German biodiversity workshop, participating into Sino-French Bilateral cooperation, etc.
- In 2016, €75,000,000 (¥ 550 million RMB) soft loan from French Development Agency to Xianju has been approved by National Development and Reform Commission and the Ministry of Finance to enhance biodiversity conservation infrastructures, infrastructures for eco-tourism experiences and institutional capacity building, etc.



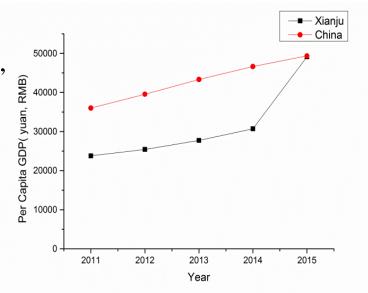








• In 2015, 11.36 million people have been to Xianju National park according to the record, an increase of 53.5% compared to 2014. The total tourism income was about 11.47 billion RMB in 2015, which increased by 61% than 2014. Local people benefits from biodiversity conservation.











## Pu'er City

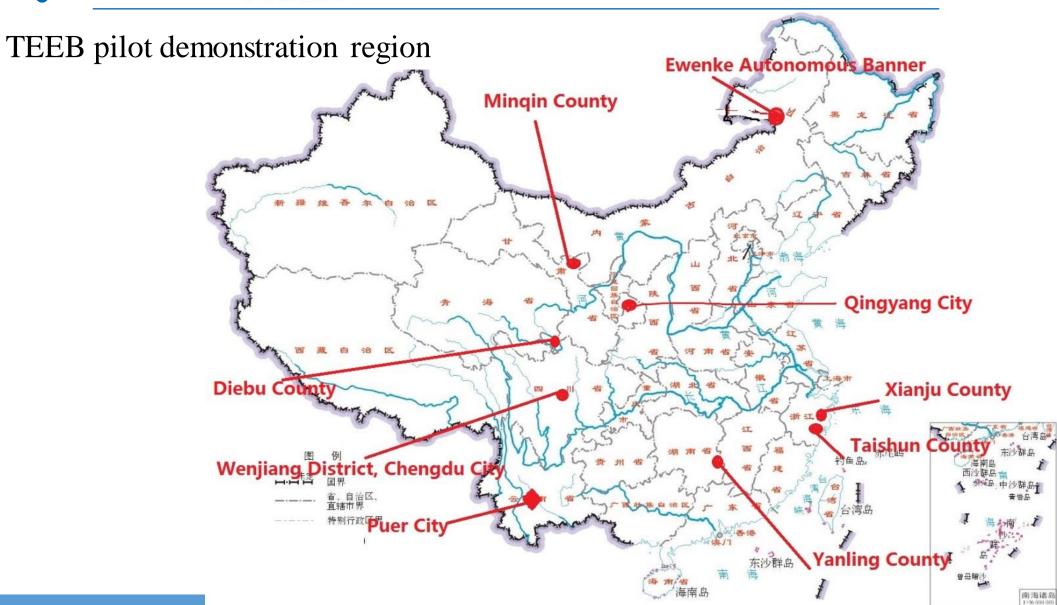
Due to the successful case to overcome poverty in Jingdong County, Pu'er City determined to value the ecosystem services in city level. Especially, they wanted to value the Pu'er Tea in species level.





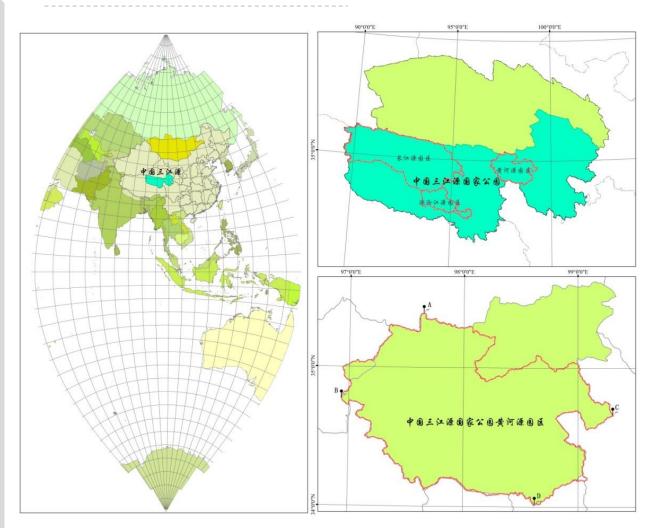












Valuation of ecosystem services and biodiversity was also play an important role on the zoning of San Jiang Yuan National Park and designation of eco-compensation policies within the area, helping local peoples to receive payment transfer from central government.



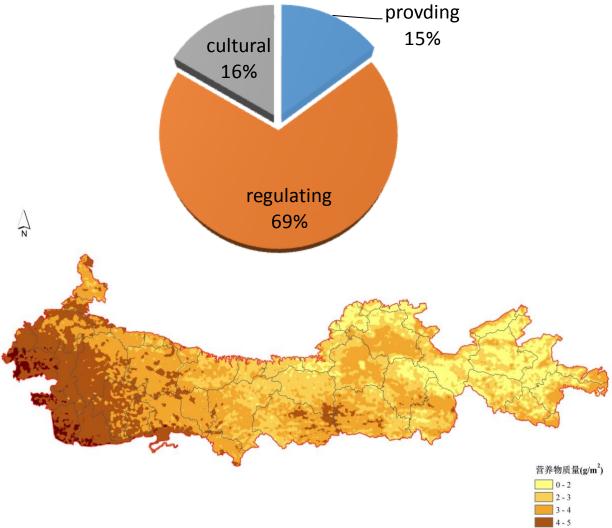




# Qinling biodiversity conservation priority area

Item	Value (Billion Yuan)
Providing	71.2
Regulating	335.6
Cultural	79.9
Total value	486.8





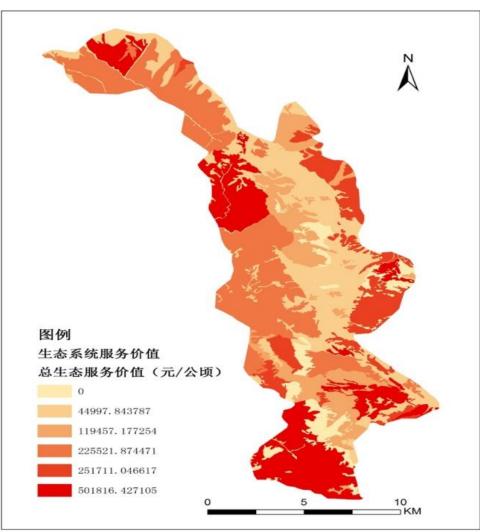




#### Luojishan National Natural Reserve in Sichuan

The total value of Ecosystem Services is 5.33 billion Yuan. The area of nature reserve is about 5.2% of Puge and Dechang County, but value of Ecosystem Services is about 62.2%, which means that natural reserve plays an important role in protecting biodiversity.









Varieties of publicity and training, improving public awareness

















TEEB Multi-stakeholder Workshop



TEEB side event during COP 13



**EU- China TEEB Platform** 

- The valuation of ecosystem services and biodiversity has been reflected into 13<sup>th</sup> Five Year Plan of Ecology and Environment Protection Plan.
- TEEB has also been included into the Belt and Road





Sino-German Memorandum signed by national premieres in 2014, clearly indicated that cooperate closer in TEEB research.





#### **Experiences**

- Supports from academia is crucial for demonstrating a scientifically sound valuation outcomes widely acceptable by all relevant stakeholders, including policy makers.
- Any comments raised from Ecosystem services and biodiversity valuation should strongly science-policy interfaced and incorporated with national and regional policies.
- Ecosystem services and biodiversity valuation as a mainstreaming tools should be spatially visible and value added in the trade off between conservation needs and social & economic development, helping the improvement of human wellbeing, otherwise it would not be accepted by policy makers and other stakeholders.
- Enterprise would like to take part in if they can benefit from it, e.g. A good corporate image could be set by showing the values of ecosystem services that they have conserved while they are following ecosystem approach.
- Supports and cooperation with international stakeholders is also important, promoting experiences and information exchange of the initiative.



#### Lessons

#### Learning by doing





TEEB study is a learning process and experiences from other partners need to be listened, learned and practiced.

Innovations needs to be made in order to make your practice always on right directions

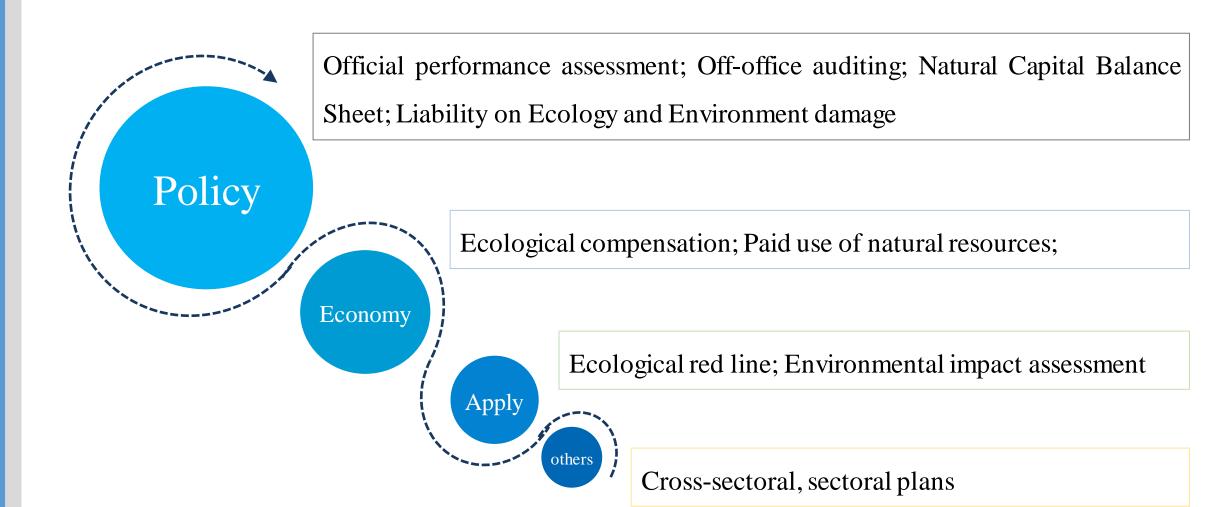


2 Innovation by learning





#### **Look into future**







# Acknowledgements























