

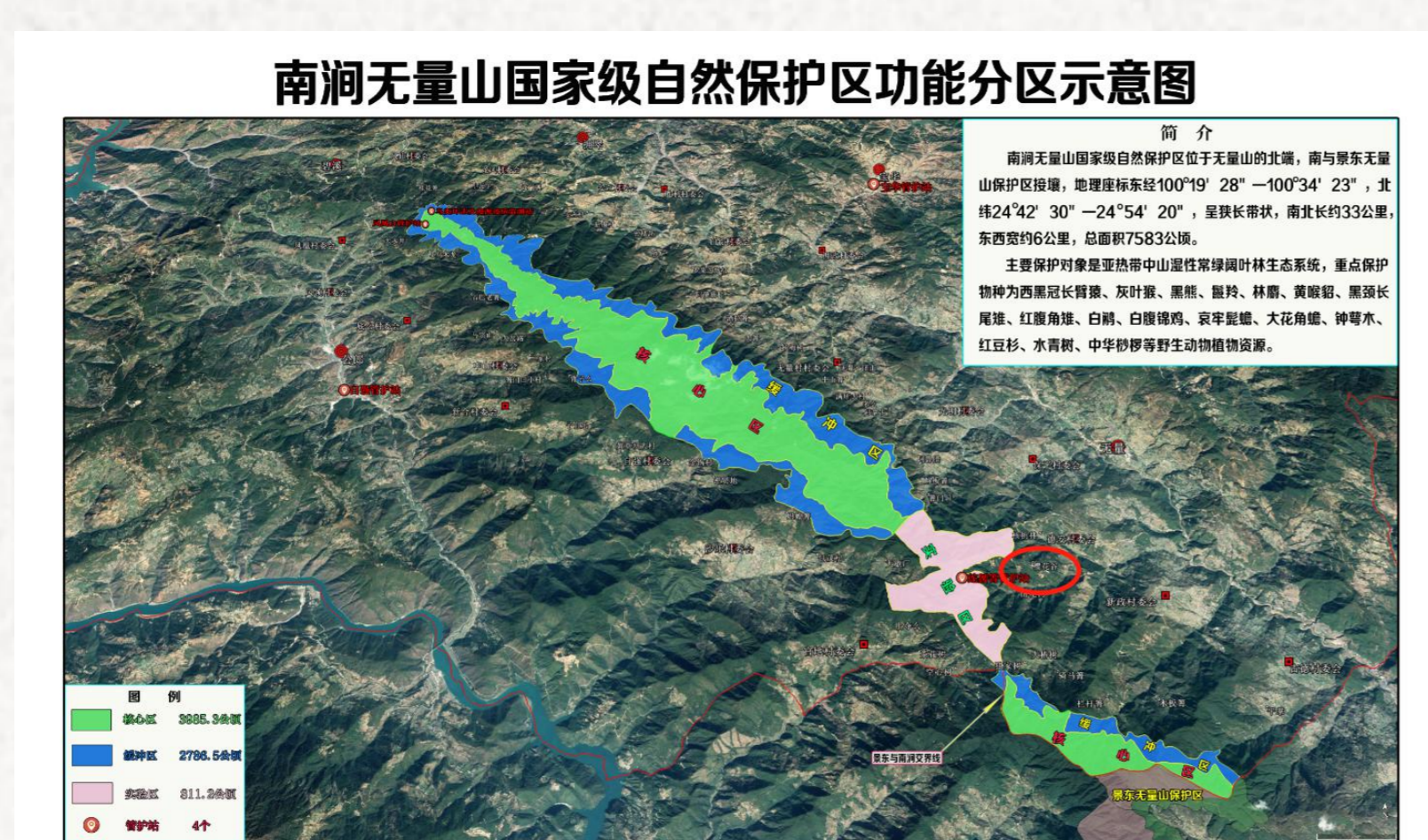
# Encounter, Entanglement and Synergies: Unfolding the Procedures and Outcomes of a Mottled Landscape in Wuliangshan

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## Background

- Wuliangshan *Prunus yunnanensis* Valley is adjacent to Wuliangshan National Nature Reserve.
- It is a mottled landscape created by the uncertain encounters of nature, species, people, protection and development, and has multiple features.



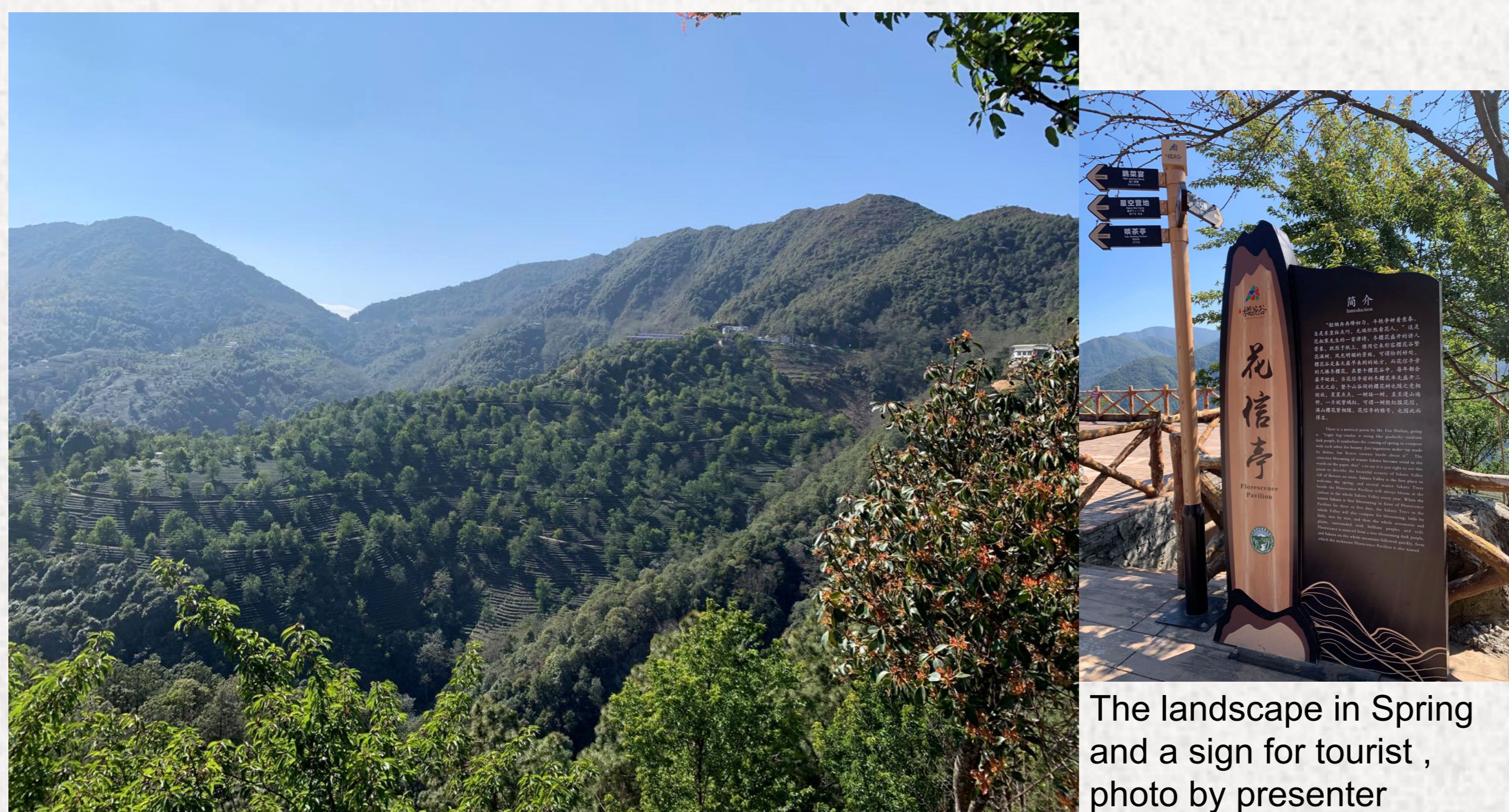
Wuliangshan National Nature Reserve and the adjacent Valley, Provided by the Management Bureau



The landscape when the flowers bloom, searched from Baidu Pictures

## Research Question

- What is the landscape like?
- What are the important factors in landscape formation and change?
- What is the impact of landscape on the social ecological system?



## Content and Method

- Taking "Taiwan oolong tea-*Prunus yunnanensis* symbiosis landscape" as a assemblage actor, this research unfolds the procedures and outcomes of the heterogeneous network which constructs of ecosystem service flow, value chain, agency interaction and multi-level management.
- For what the landscape like, GIS and remote sensing to track LUCC, participatory mapping to clarify stakeholders' perspective of landscape change.
- For the factors, participatory surveys are conducted to clarify local economic and social context, focus group interview and in-depth interview to clear the key factors and mechanisms.
- For the outcomes, household survey and other SES data to assess the outcomes.

## Key Preliminary Findings

- The factors are: translators compatible with the particular spatial-temporal background; the demand that corresponds to the supply value within the appropriate range; polycentric management institution in the network.
- Through local imagination and brand translation, the landscape realizes the trans-regional transfer and value-added of ecosystem regulation services.
- Besides the commodity value, the new landscape value is created and enhanced through cultural ecosystem services.
- It promotes ethnic cooperation, and provides a possibility for protection-development win-win solution.



The landscape of the village beside the valley, photo by presenter

