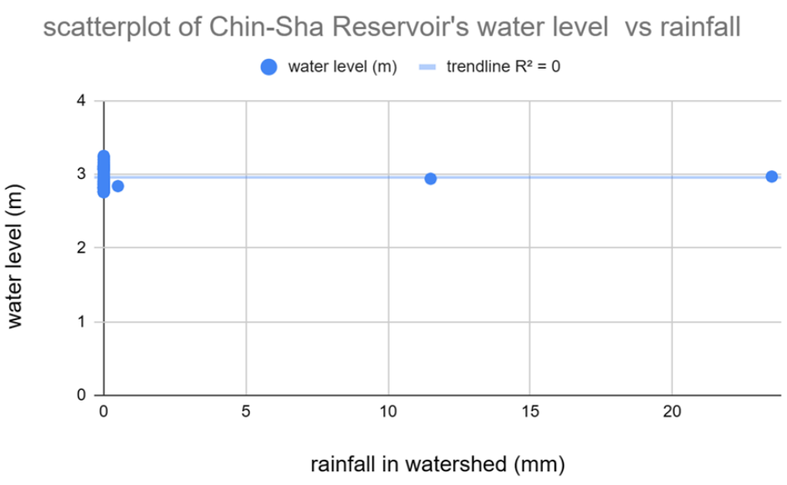
The Impact Of Reservoir Water Level And Rainfall On Agricultural Channels: Field Surveys And Analyses

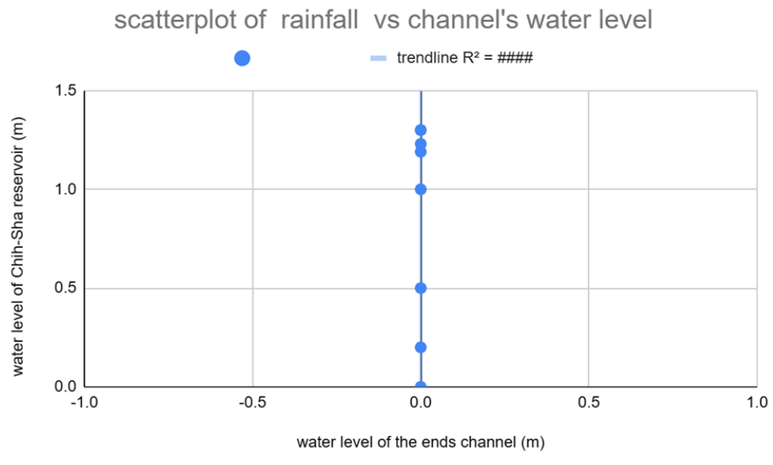
Research purposes

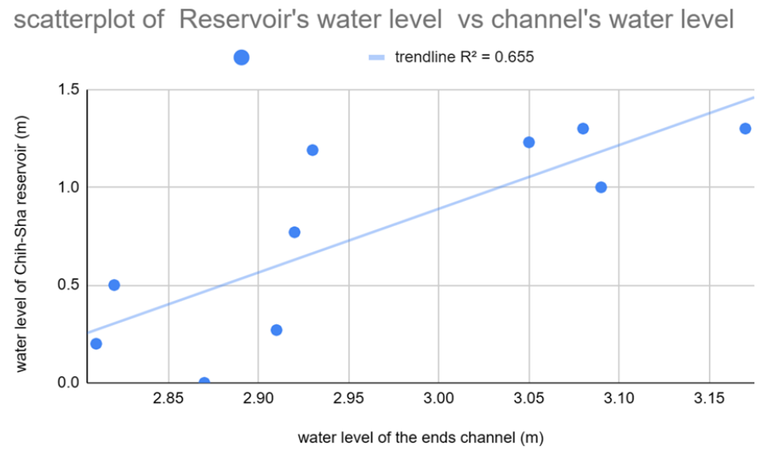
1. To explore the relationship between Chin-Sha reservoir watershed and the channel watershed
2. To analyze the reason that watershed of the ends channel dropped

Methodology

1. **Collect daily rainfall data in Kinmen and daily water level data in Jinsha Reservoir.**
2. **Conduct weekly observations on the channel.**
3. **Quantify the data.**
4. **Compare the data.**







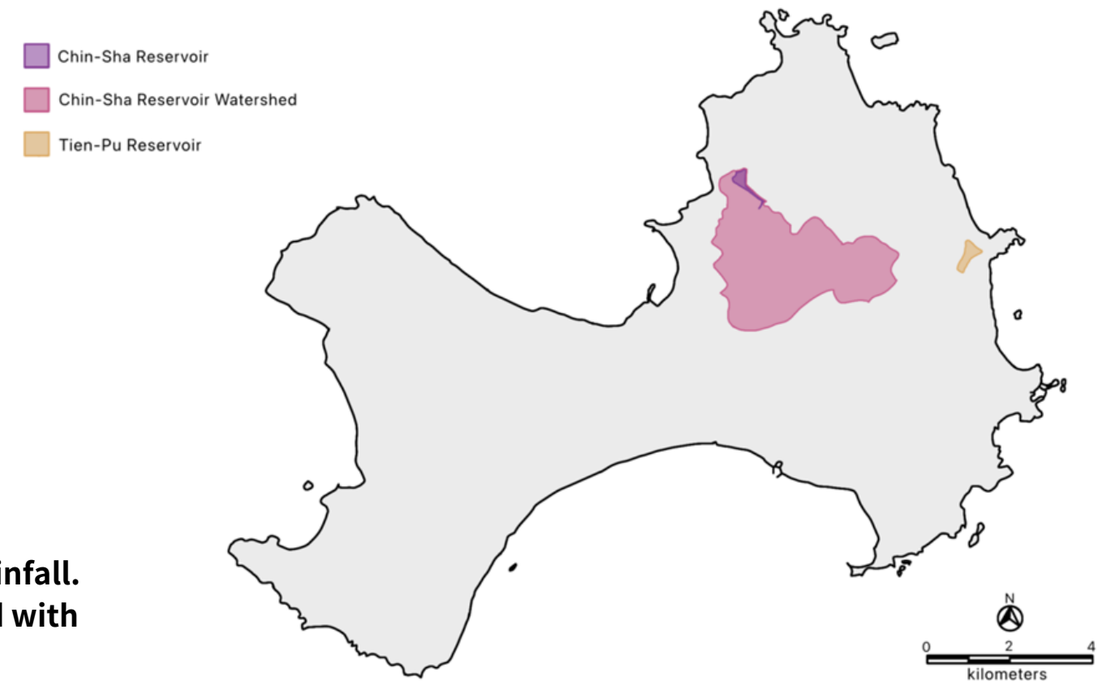
▲Weekly photos of the Channel

Discussion

- Q1 About Cross-Strait Water Supply
- Q2 Correction of Rainfall and Water Level Data
- Q3 About Channel Design
- Q4 Channel water quality testing

Conclusion

1. Rainfall has no correlation with the water level of Chin-sha reservoir.
2. The water level of the two ends of the channel is not related to the rainfall.
3. The water level of the two ends of the channel is positively correlated with the water level of Chin-sha reservoir.



▲Illustration of the scope of Jinsha and Tianpu Reservoirs