

Pathways to Collective Action:  
A Study of Local Irrigation  
Governance and Management  
in Central China


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# Research Questions

(1) What are the different pathways that WUAs and collective irrigation institutions follow in local irrigation governance and management? Specifically, what kinds of attribute configurations (i.e. physical, community, and institutional attributes) can produce collective action outcomes in Hubei's settings?

(2) How do different actors shape various incentives within an irrigation system? In particular, how do different actors interact with each other that could lead to cooperation or noncooperation in the end?

# Overview

- Pitfalls of the panacea approach .  A diagnostic Analysis.
- **Determinants**
- Independent variables: physical (water scarcity, infrastructure conditions);
- community (lineage groups, leadership consistency);
- institutional (WUAs or collectives, support from upper level governments).
- Dependent variables:
- the presence of absence of labor/ monetary contributions in O&M;
- Water adequacy at the tail-end of irrigation system.

