

# Revitalizing Philippine Irrigation: A Systems and Governance Assessment for the 21st Century

**The perspective of one discussant**

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# Water Pricing

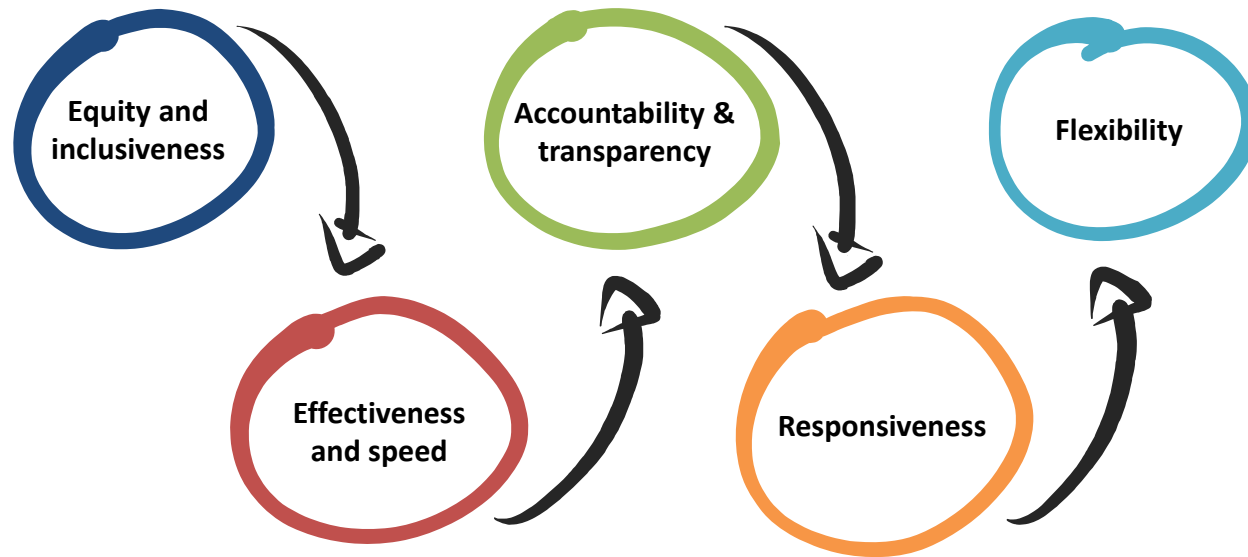
Who pays / Who manage?	Government (G)		User (U)	
Government (G)	FISA	GG (NIS) Government manages system Government shoulders O&M	Pre-FISA	GU (NIS) Government manages system Users contribute to O&M
Users (U)		UG (CIS) Users manage the irrigation system Governments contribute to O&M		UU (CIS) Users manage system Users shoulder O&M

Source: Briones et al., Chapter 6 of this book

- What the impact of FISA in the last 4 years in relation to these four scenarios?
- Understanding short, medium and long term implications (gains/ trade-off)?



# Participatory Water Management vs Water Pricing



*Principles of participation*

## **Equity & inclusiveness:**

Are we considering all farmers under <8 ha homogenous in terms of their wealth status?

**Effectiveness:** evidence reduction in farm production cost from free irrigation ?

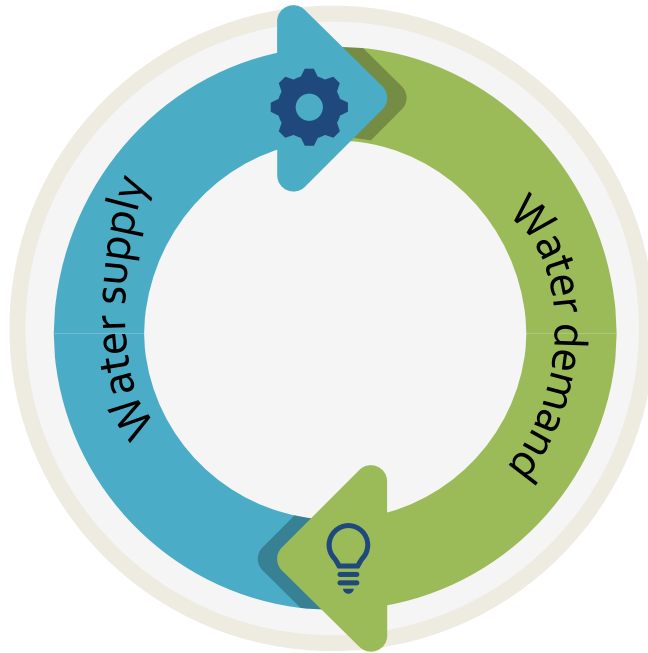
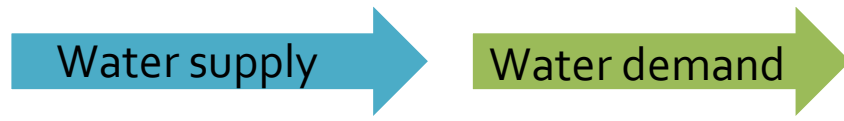
**Accountability:** NIA vs IA ?

**Responsiveness:** 62.3% decline in the O&M subsidy

**Flexibility:** NIA can no longer incentivize IA for better O&M



# Managing water supply vs demand



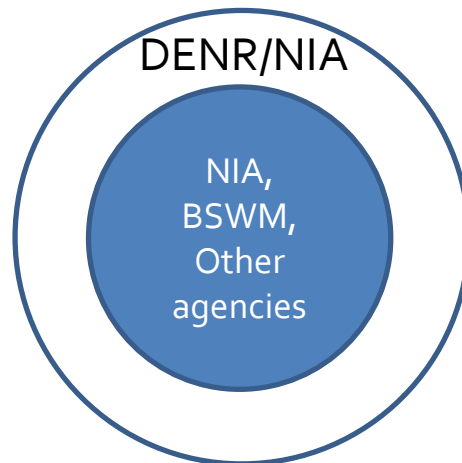
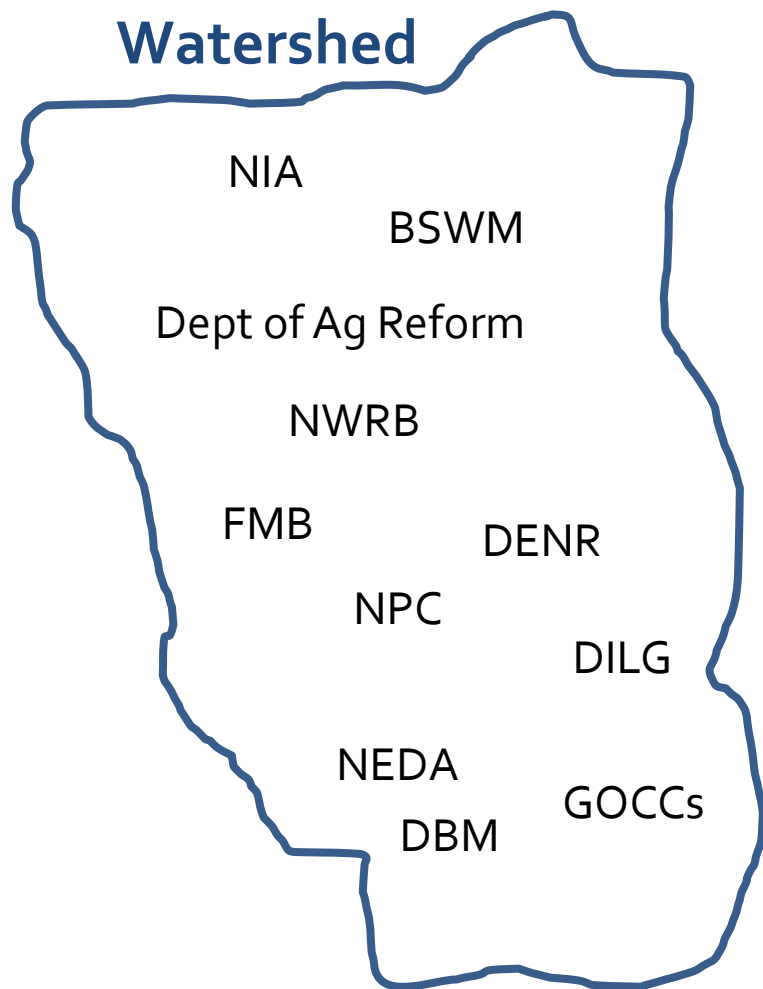
## Computation of potential irrigated area

(e.g. AMRIS case cited in this book)

- The new varieties of rice have much less ET due to shorter duration
- Computation are still based on continuous flooding
- Heterogeneity of landscape in terms of losses



# Water governance





# Improving synergies among agencies



- A common platform to improve monitoring and evaluation of the system

4



**Consolidation of small-and-medium-size farms.**

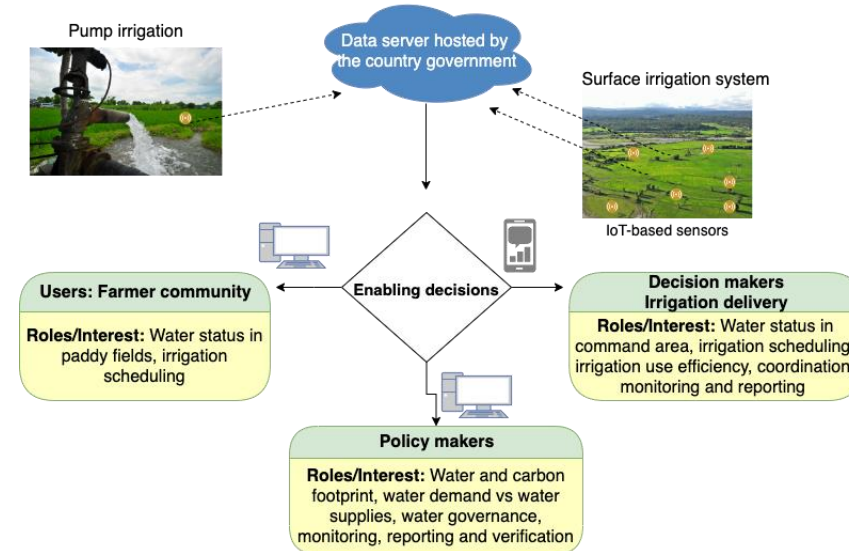
- How can irrigation association structure can be linked with supporting DA's Administrative Order No. 27, Series of 2020, establishing the Farm and Fisheries Clustering and Consolidation (F2C2) program



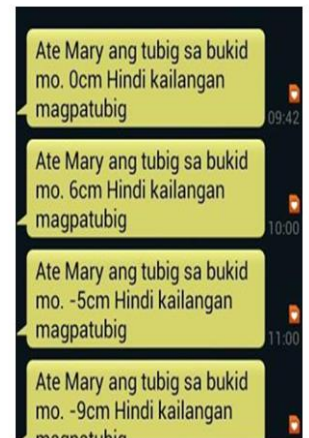
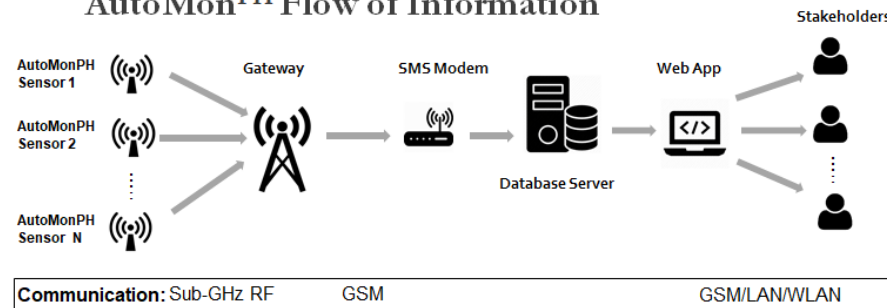
# AutoMon<sup>PH</sup>: An IoT based Irrigation Advisory Service

What you can't measure, You can't IMPROVE

William Thomson Kelvin



## AutoMon<sup>PH</sup> Flow of Information



*A few take-away messages*

THANK YOU!