

# INFORMATION SUPPORT SYSTEMS FOR FARMER MANAGED IRRIGATION

*Selected proceedings of the Asian Regional Workshop on the  
Inventory of Farmer Managed Irrigation Systems and  
Management of Information Systems*

*Held in  
Tagaytay City, Philippines,  
October 13-15, 1992*

Edited by

Fay M. Lauraya, C.M. Wijayarathna and Douglas L. Vermillion



IIMI  
631.7.3  
G570  
LAU

**Local Management Program**

**INTERNATIONAL IRRIGATION MANAGEMENT INSTITUTE**

14762

Click here to download full document.

## Table of Contents

Acknowledgement .....	i
Table of Contents .....	ii
<b>Workshop Papers</b>	
Overview of the Workshop <i>C. M. Wijayaratna and Douglas L. Vermillion</i> .....	1
<b>General</b>	
✓ Distributed Information Systems for Farmer-Managed Irrigation <i>Bryan Bruns</i> .....	5
<hr/>	
Data Management, Analysis and Report Writing for a Field Based Irrigation Resource Inventory <i>Robert Yoder</i> .....	17
<hr/>	
Management Information System for Farmer-managed Irrigation Systems <i>A.K. Gosain</i> .....	25
<hr/>	
<b>Papers on Southeast Asia</b>	
✓ The Irrigation Management Information System: A Management Tool for the National Irrigation Administration of the Philippines <i>Avelino M. Mejia</i> .....	35
<hr/>	
✓ Pilot Inventory of Communal Irrigation Systems in the Province of Capiz <i>Rudy R. Ibabao</i> .....	53
<hr/>	
✓ Developing a Management Information System for Farmer-managed Irrigation Systems in the Philippines: A Case Study <i>B. de Lima, R. Gamboa and B. Bagadion</i> .....	83
<hr/>	
✓ FMIS Institutional Status of Inventory of Zanjeras in Ilocos Norte, Philippines <i>Ruth Ammerman Yabes</i> .....	101
<hr/>	
✓ Evolving a Management Information System for Irrigators' Associations <i>Fay M. Lauraya, Antonia Lea R. Sala and Ma. Juliet Caceres</i> .....	117
<hr/>	
✓ Rivercourse Irrigation Systems Inventory (RISI): An Experience from West Sumatra, Indonesia <i>Sjofjan Asnawi and Helmi</i> .....	131
<hr/>	
✓ Inventory of Irrigation Systems: Notes from Bali, Indonesia <i>I Gde Pitana</i> .....	145
<hr/>	

✓	Management Information System for Irrigation System Development and Management in Indonesia <i>Aris Priyanto</i> .....	153
✓	Inventory of Farmer Managed Irrigation Systems in Indonesia: A Basic Concept <i>Bayudono</i> .....	161
✓	Malaysian Case Study I: The Irrigation Scheme Information Scheme <i>M.N. Mohd Adnan</i> .....	175
✓	Malaysian Case Study II: Kampung Kekabu Farmer-Managed Irrigation Systems <i>A.M. Ansor</i> .....	197
✓	Farmer Managed Irrigation Systems in Northern Thailand <i>Lek Prapasajchavet</i> .....	215
<b><i>Papers on South Asia</i></b>		
✓	Farmer Managed Irrigation Systems Inventory: Experiences and Lessons from Nepal <i>Dharma R. Tuladhar, Ujjwal Pradhan and Hari Man Shrestha</i> .....	229
✓	Status of Farmer Managed Irrigation Systems in Bangladesh <i>M. A. Ghani and S. A. Rana</i> .....	247
<b><i>Other</i></b>		
✓	Intervention in Farmer-Managed Irrigation in Northeast Portugal : Results of an Inventory Study <i>Jose Portela and Adrian van den Dries</i> .....	253
<b><i>Annexes</i></b>		
Annex 1	Workshop Programme .....	273
Annex 2	List of Participants .....	277
Annex 3	Discussion Group Reports .....	281