

Japan International Cooperation Agency (JICA)  
Direktorat Jenderal Sumberdaya Air (DGWR)  
Departemen Pemukiman dan Prasarana Wilayah (KIMPRASWIL)  
Pemerintah Republik Indonesia

***STUDI  
TENTANG  
PERBAIKAN PENGELOLAAN IRIGASI  
DAN  
PEMBERDAYAAN PERKUMPULAN PETANI PEMAKAI AIR  
UNTUK  
PENINGKATAN PROGRAM PENYERAHAN IRIGASI  
DI  
REPUBLIK INDONESIA***

***Rangkuman  
FINAL REPORT***

NOVEMBER 2001

***PACIFIC CONSULTANTS INTERNATIONAL***

COMPOSITION OF THE FINAL REPORT

\*\*\*\*\* English Version \*\*\*\*\*

Volume I : Executive Summary  
Volume II : Main Report  
Volume III : Annex

\*\*\*\*\* Indonesian Version \*\*\*\*\*

Summary

\*\*\*\*\* Japanese Version \*\*\*\*\*

Main Report

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Exchange Rate (November 2001)		
US\$ 1.00	=	Rp. 95,800
Rp. 100	=	¥ 1.28
US\$ 1.00	=	¥122.6

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## PREFACE

In response to a request from the Government of the Republic of Indonesia, the Government of Japan decided to conduct a Study for Improvement of Irrigation Management and Empowerment of Water Users Associations for Enhancement of Turnover Program in the Republic of Indonesia and entrusted the Japan International Cooperation Agency (JICA) with the Study.

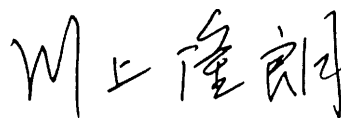
JICA selected and dispatched a study team headed by Mr. Keiji MATSUMOTO of Pacific Consultants International to the Republic of Indonesia between April 2000 and October 2001.

The Study Team held discussions with officials concerned of the Government of Indonesia, and conducted field surveys at the Study Area. Upon returning to Japan, the Team conducted further studies and prepared this Final Report.

I hope that this Report will contribute to the promotion of the Turnover Program and to the enhancement of friendly relations between our two countries.

Finally, I wish to express my sincere appreciation to the officials concerned of the Government of Indonesia for their close cooperation extended to the Study Team.

December, 2001



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Takao KAWAKAMI  
President  
Japan International Cooperation Agency

Tokyo, November of 2001

Mr. Takao KAWAKAMI  
President  
Japan International Cooperation Agency

### Transmittal Letter

We are glad to submit the Final Report of the Study for Improvement of Irrigation Management and Empowerment of Water Users' Association for Enhancement of Turnover Program in the Republic of Indonesia.


The report consists of the Action Plan for Improvement of irrigation management and empowerment of water users' associations, which have been prepared in consideration of the advices and recommendations of relevant ministries of the Government of Japan and JICA on formulation of development, as well as the discussions with the Indonesian counterpart on the Draft Final Report and their comments on the report.

Under the Irrigation Operation and Management Policy (1987), the Government of Indonesia started irrigation management turnover to water users associations for the decrease or elimination of government financing to irrigation O&M of irrigation scheme less than 500 ha by promoting self-reliant water users association. Under Water resources management reformation policy (1999) and Water resources sector adjustment loan (WATSAL), the government started the expansion and enhancement of irrigation management turnover program for all irrigation schemes.

This Study aimed to formulate the action plan to be implemented by government officials and farmers for enhancement of turnover of irrigation management within framework to be established by WATSAL. The Study conducted by participatory approach through all stages of the study from the problem identification upto action plan formulation at central government and five Study provinces. Many field surveys and workshops were conducted with collaboration with government officials and farmers. As a result of the study the action plan formulated to be a guideline for the government officials to enhance the irrigation management turnover program. It is thus anticipated that these Action Plan be put into implementation as soon as possible following the implementation schedule proposed in the report.

Taking this opportunity, we express our sincere gratitude to the officials of your Agency, the Ministry of Settlements and Regional Infrastructure and the Ministry of Agriculture, Forestry and Fishery of the Government of Japan for their valuable advices and recommendations for our Study. We are also grateful to the officials of the Ministries and other public organizations involved in the Study for their devoted cooperation and support during the implementation of the Study in Indonesia.

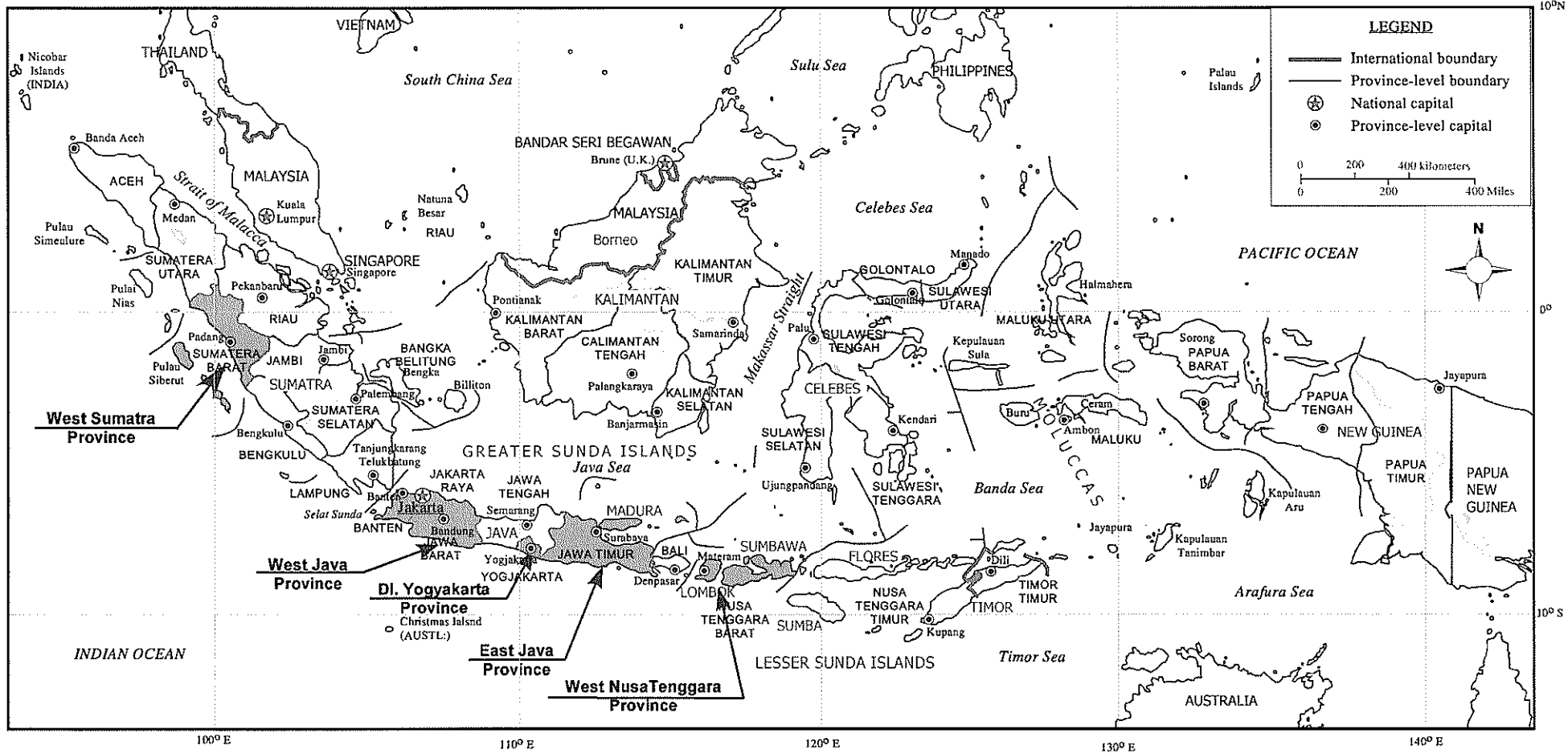
Sincerely yours,



Keiji MATSUMOTO  
Team Leader

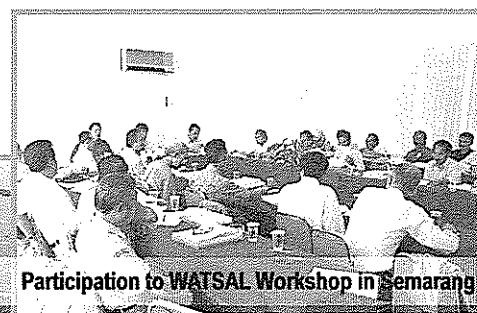
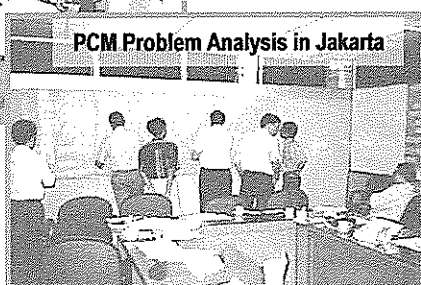
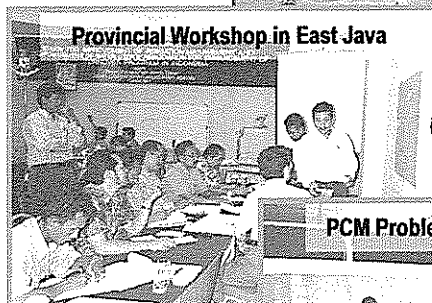
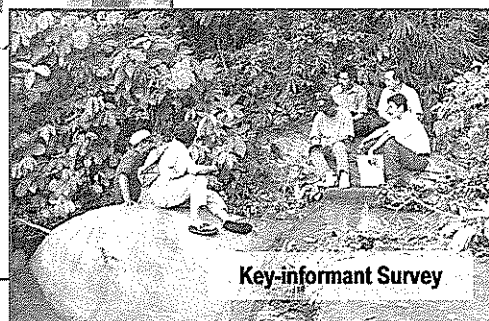
The Study for Improvement of Irrigation  
Management and Empowerment of Water  
Users Associations for Enhancement of  
Turnover Program in the Republic of  
Indonesia

## Study for Improvement of Irrigation Management and Empowerment of Water Users' Associations for Enhancement of Turnover Program



**Location of Study Provinces**

**PHASE I FIELD SURVEY**  
- Problem Analysis -  
April to November 2000



**PHASE II FIELD SURVEY**  
- Action Plan Formulation -  
January to June 2001

**Key Informant Survey in NTB**



**PRA Workshop in NTB**



**Discussion with WUA Management Board in East Java**



**Walk-through Trial in NTB**



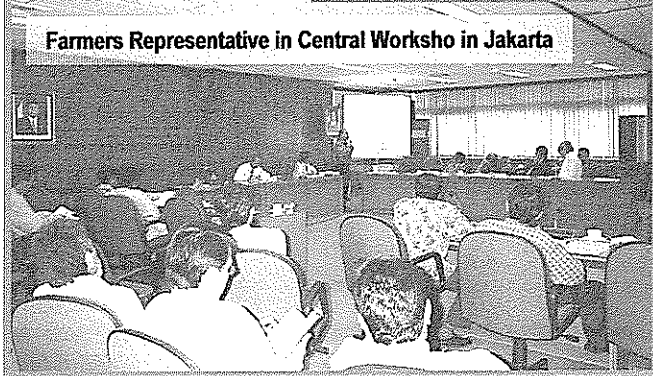
**Kabupaten Workshop in West Sumatera**



**Provincial PCM Workshop in DI. Yogyakarta**



**Farmers Representative in Central Worksho in Jakarta**



**Study Tour for O&M Planning Trial in West Java**



**WUA Database Trial in Bandung**

