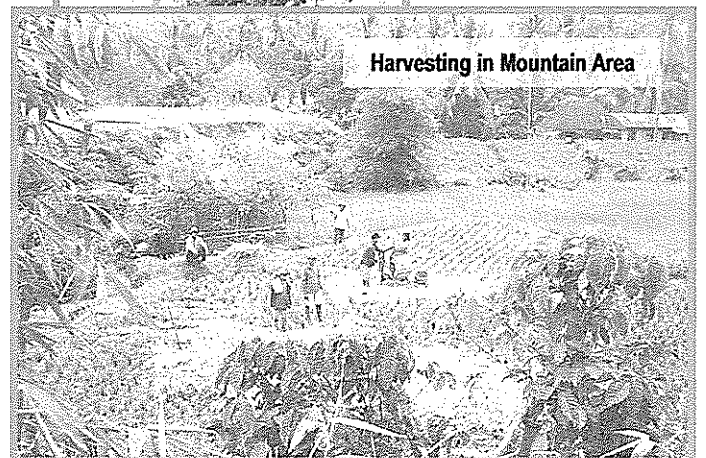
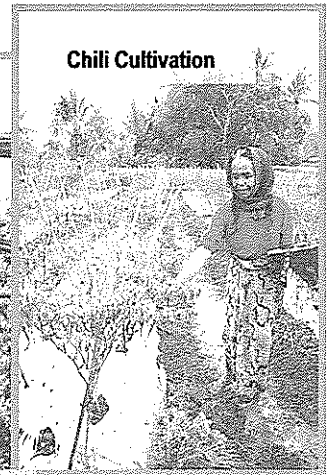
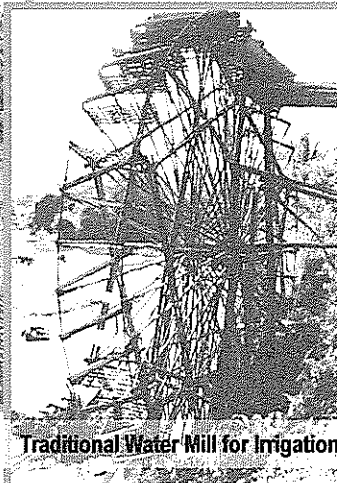
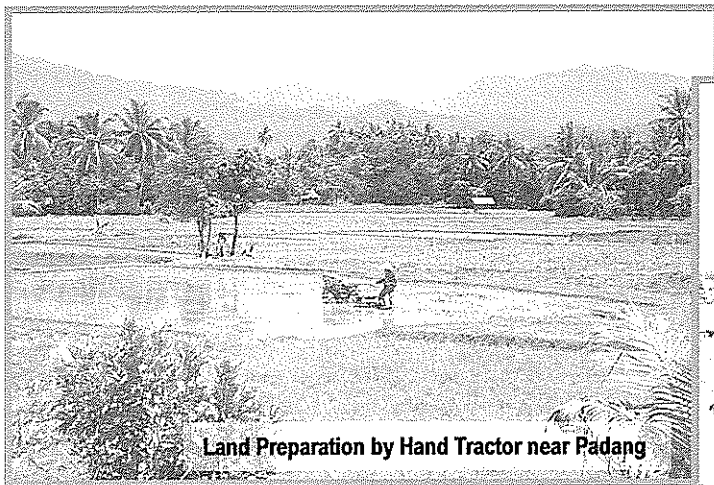
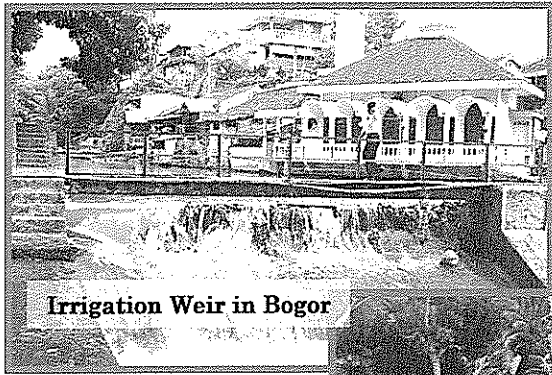




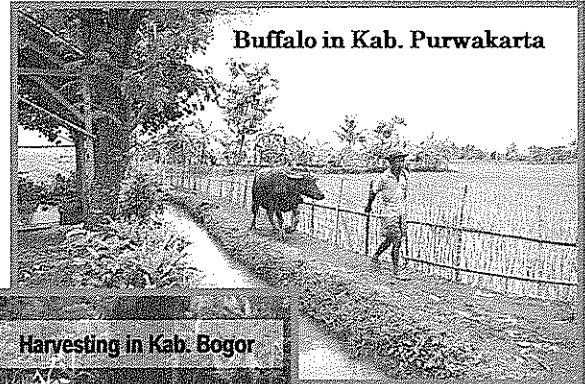
DISCUSSION AND WORKSHOP  
ON DRAFT FINAL REPORT



WEST SUMATERA



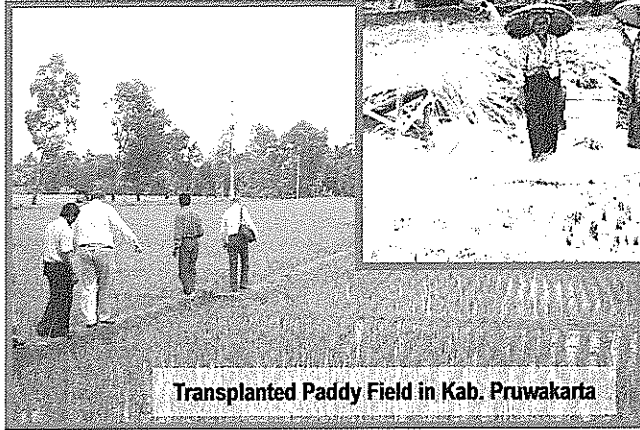
**Irrigation Weir in Bogor**



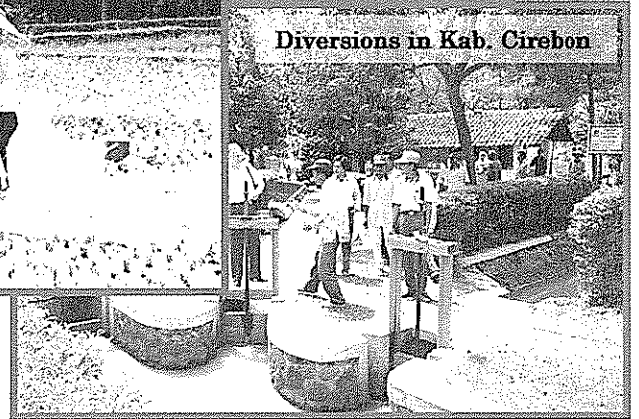
**Buffalo in Kab. Purwakarta**



**Harvesting in Kab. Bogor**



**Transplanted Paddy Field in Kab. Pruwakarta**

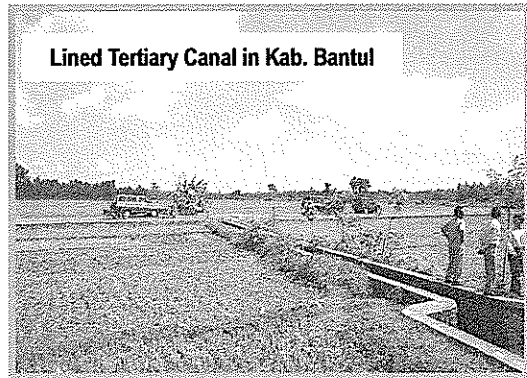


**Diversions in Kab. Cirebon**

**WEST JAVA**

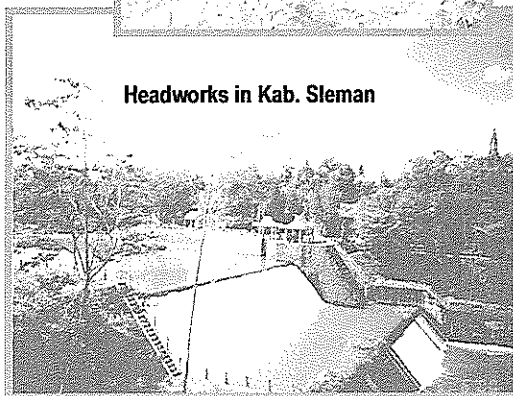


**Terrace Cultivation in Kab. Kulon Progo**

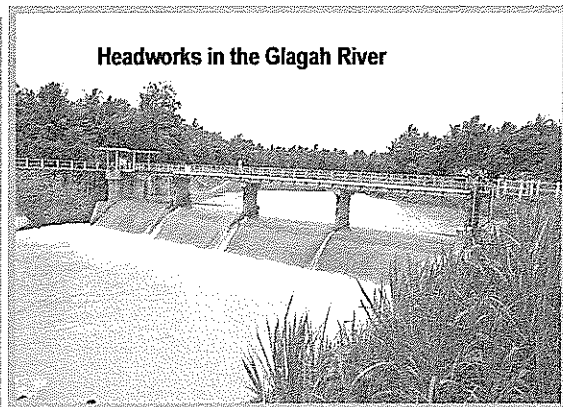


**Lined Tertiary Canal in Kab. Bantul**

**DI. YOGYAKARTA**

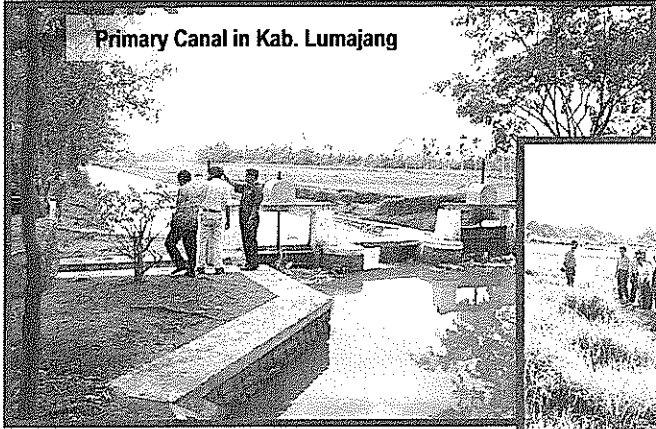


**Headworks in Kab. Sleman**

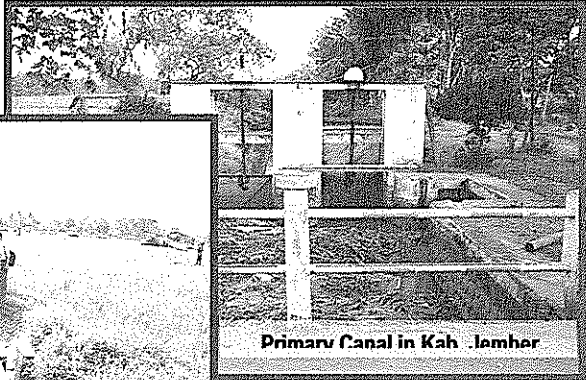


**Headworks in the Glagah River**

**EAST JAVA**



**Primary Canal in Kab. Lumajang**



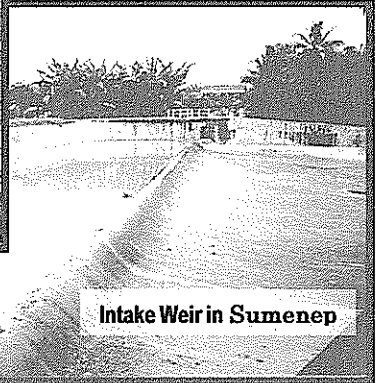
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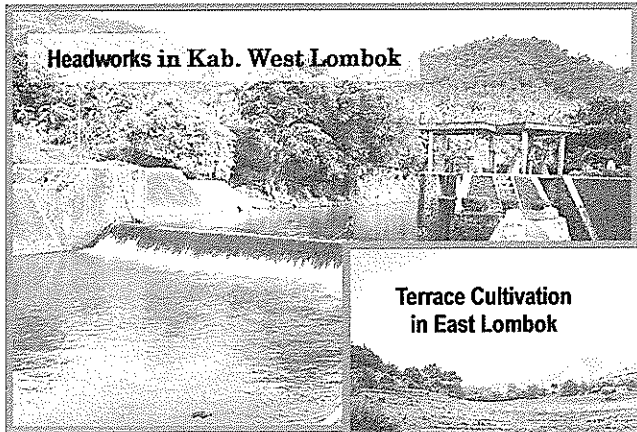
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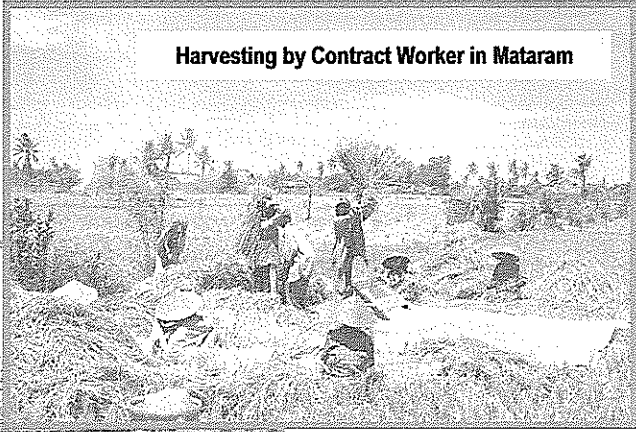
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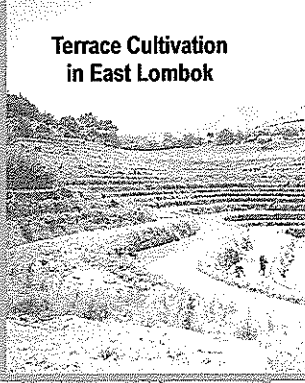
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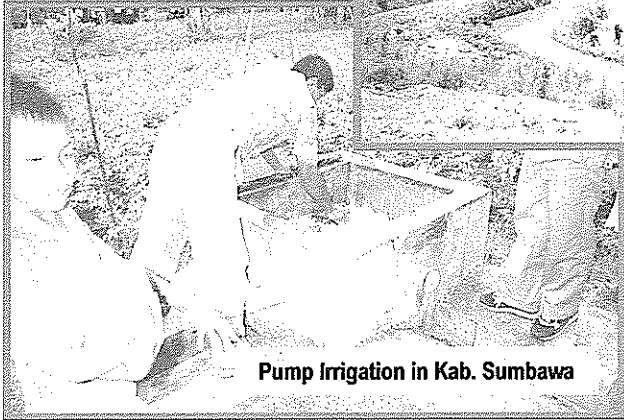
**Headworks in Kab. West Lombok**



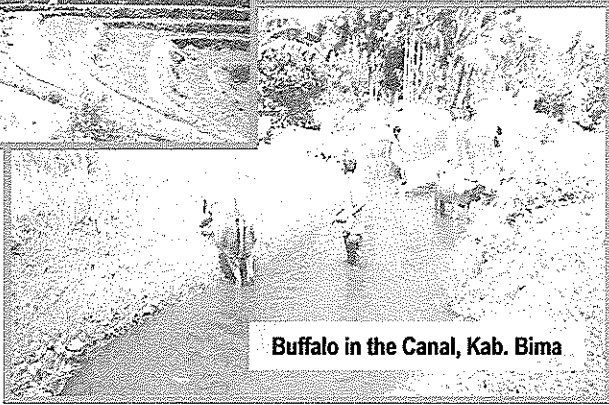
**Harvesting by Contract Worker in Mataram**



**Terrace Cultivation in East Lombok**



**Pump Irrigation in Kab. Sumbawa**



**Buffalo in the Canal, Kab. Bima**

**WEST NUSA TENGGARA**

STUDY FOR IMPROVEMENT OF IRRIGATION MANAGEMENT  
AND EMPOWERMENT OF WATER USERS' ASSOCIATIONS  
FOR ENHANCEMENT OF TURNOVER PROGRAM  
IN THE REPUBLIC OF INDONESIA

***FINAL REPORT***  
***Main Report***

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## ABBREVIATIONS, ACRONYMS AND TERMINOLOGY

ABLN	Foreign Aid Loan Funds ( <i>Anggaran Bantuan Luar Negeri</i> )
AD/ART	<i>Anggaran Dasar/Anggaran Rumah Tangga</i> (base consideration/household consideration, interpreted as articles of association when specially applied to WUA establishment)
<i>Adat</i>	The set of customary laws, practices and behavioral norm specific to a given area or ethnic group in Indonesia
ADB	Asian Development Bank
AKNOP	Needs Based O&M Budget ( <i>Anggaran Kebutuhan Nyata O&amp;P</i> )
APBD	Regional Government Budget ( <i>Anggaran Pendapatan Belanja Daerah</i> )
APBN	State Budget ( <i>Anggaran Pendapatan Belanja Negara</i> )
<i>Balai PSDA WS</i>	Office for PSDA of a River Basin.
BANGDA	Directorate General of Regional Development ( <i>Pembangunan Daerah</i> )
BAPPEDA	Provincial Development Planning Agency ( <i>Badan Perencanaan Pembangunan Daerah</i> )
BAPPENAS	National Development Planning Agency ( <i>Badan Perencanaan Pembangunan Nasional</i> )
BIMAS	<i>Bimbingan Massal</i> (food crop intensification program)
BPKP	Government Audit Agency
BPS	Central Bureau of Statistical ( <i>Biro Pusat Statistik</i> )
<i>BULOG</i>	Food Logistics Board ( <i>Badan Urusan Logistik</i> )
<i>Bupati</i>	Head of Kabupaten
BWMC	Basin Water Management Committee
<i>Cabang Dinas</i>	Branch Office
<i>Camat</i>	Head of Kecamatan
CD ( <i>Cabang Dinas</i> )	Division of <i>Dinas PU Propinsi</i> at Kabupaten level (previously called Seksi)
CGI	Consultative Group on Indonesia (formerly IGGI)
CIDA	Canadian International Development Agency
CO	Community Organizer
DAU	Local Government Fund, ( <i>Dana Alokasi Umum</i> )
<i>Desa</i>	Village
DGPUOD	Directorate General of Public Administration and Regional Autonomy, MOHA
DGWRD	former Directorate General of Water Resources Development, former MOPW
DI	Irrigation Scheme ( <i>Daerah Irigasi</i> )
DIK	Routine Budget Allocation ( <i>Daftar Isian Kegiatan</i> )
DIKLAT	Education and Training Center ( <i>Pendidikan dan Latihan</i> )
<i>Dinas</i>	Autonomous agency offices under the governor or mayor/regent
<i>Dinas Pengairan Kabupaten</i>	District Water Resources Services
DIP	Project Implementation Budget ( <i>Daftar Isian Proyek</i> )
DOLOG	Provincial Warehouse for Foodstuff under BULOG ( <i>Depot Logistik</i> )
DPIK	<i>Dana Penelolan Irigasi Kabupaten</i>
DPR	<i>Dewan Perwakilan Rakyat</i> (House of People's Representative)
DPRD	<i>Dewan Perwakilan Rakyat Daerah</i> (Regional Legislative Council)
DPS	<i>Daerah Pengaliran Sungai</i> : river basin, as limited by physical boundaries
DPUP	Provincial Public Works Service ( <i>Dinas Pekerjaan Umum Propinsi</i> )
DWRS	District Water Resources Services (=DIS)
EOM	Efficient Operation & Maintenance
EIRR	Economic Internal Rate of Return
FMIS	Farmer's Managed Irrigation Scheme
<i>Gabungan P3A</i>	WUA Federation (secondary level), WUAF
<i>GBHN</i>	State Policy Guideline ( <i>Garis-garis Besar Haluan Negara</i> )
GDP	Gross Domestic Product
GOI or the Government	Government of Indonesia
HIPPA	Water Users Association in East Java ( <i>Himpunan Petani Pemakai Air</i> )
HPSIS	High Performance <i>Sederhana</i> Irrigation Project, USAID Irrigation Project 1984-86
HYV	High yield variety
IBRD	World Bank (International Bank for Reconstruction and Development)
IDTO	Irrigation Development and Turnover, a component of JIWWP
IIMI(IWMI)	International Irrigation Management Institute/International Irrigation Management Institute
IMF	International Monetary Fund

INPIM	International Institute for Participatory Irrigation Management
IISP	Integrated Irrigation Sub-sector Project
IISP-II	Integrated Irrigation Sub-sector Project II
<i>Induk P3A</i>	Primary level WUA federation, IWUA
INPRES	Presidential Instruction ( <i>Instruksi Presiden</i> )
INSUS	An agricultural intensification program
IOMP	Irrigation Operation and Management Policy (issued in 1987)
IPAIR	<i>Iuran Pelayanan Air Irigasi</i> (=ISF)
ISF	Irrigation Service Fee (=IPAIR), also it is replaced to Irrigation Management Fee (IMF)
ISSP	Irrigation Sub-Sector Program under IBRD
<i>IURAN</i>	Fee (usually applied at tertiary level)
IWUA	Primary level WUA ( <i>Induk P3A</i> )
JBIC(OECF)	Japanese Bank for International Cooperation (former Overseas Economic Cooperation Fund)
JICA	Japan International Cooperation Agency
JIWMP	Java Irrigation Improvement and Water Resources Management Project
<i>Juru Pengairan = Mentri Pengairan</i>	Irrigation Observer/Inspector, responsible for O&M in <i>Kerjuron</i>
Kabupaten	Administrative district within a province headed by <i>Bupati</i> , often translated as regency
<i>Kanwil</i>	District offices of the central government located in the provinces
<i>Kecamatan</i>	Administrative sub-district within a Kabupaten
KDP	Kecamatan Development Project (see PPK)
<i>Kejuron=Kemantren</i>	Irrigation management area (typically 1,000 ha) within <i>Ranting Dinas</i> or <i>Kepengamatan</i>
<i>Kelompok</i>	Any group
<i>Kepengamatan= Ranting Dinas</i>	Sub-branch whithin <i>Cabang Dinas</i> (previously called <i>Cabang Seksi</i> )
<i>KepGub</i>	<i>Keputusan Gubernur</i> (Decision of Governor)
<i>KepMen</i>	<i>Keputusan Menteri</i> (Decision of the Minister)
KEPRES	Presidential Direction ( <i>Keputusan Presiden</i> )
KIMBANGWIL	Ministry of Settlement and Regional Development (1999-2000)
KIMPRASWIL	Ministry of Settlement and Regional Infrastructure (2000 to present)
KKN	<i>Korupsi, kolusi, dan nepotisme</i> (Corruption, collusion and nepotism)
KKP	New Official Farm Credit for Food Security ( <i>Kredit Ketahanan Pangan</i> )
KSP	<i>kerja sama pengelolaan</i> (joint management)
KUD	Village unit Cooperative ( <i>Koperasi Unit Desa</i> )
KUT	Official Farm Credit ( <i>Kredit usaha tani</i> ), replaced in year 2000 by KKP
<i>Lurah</i>	Village Head
LKMD	<i>Lembaga Ketahanan Masyarakat Desa</i> (Village Council for Development Planning and Guidance)
LMD	<i>Lembaga Musyawarah Desa</i> (Village Consultative Council)
M&E	Monitoring and evaluation
M/M	Minutes of Meeting
MENKES	Ministerial Decree
Meneg PU	State Ministry of Public Works
MIS	Management Information System
<i>Mitra Chai</i>	Water users association in West Jawa
MOA	Ministry of Agriculture
MOF	Ministry of Forestry and Plantations
MOHA	Ministry of Home Affairs
MOPW	former Ministry of Public Works
MPR	<i>Majelis Pemusyawaratan Rakyat</i> (People's Consultative Assembly)
NBB	Needs Based Budgeting (= AKNOP)
NGO	Non-governmental Organization
O&M = OP	Operation and Maintenance ( <i>Operasi dan Pemeliharaan</i> )
OFWM	On-farm water management
P3A	<i>Perkumpulan Petani Pemakai Air</i> (=WUA)
PAD	Local Revenue ( <i>Pendapatan Asli Daerah</i> )
<i>Panitia Irigasi</i>	Irrigation Committee
<i>Palawija</i>	Crops planted as 2d crop in dry season such as maize, cassava, potato.
PCM	Project Cycle Management

PCR	Project Completion Report
PDM	Project Design Matrix of PCM
Pembina	Guidance provider
PEMDA	Local government ( <i>Pemerinta Daerah</i> )
Pengairan	Water resources
<i>Pengamat</i>	Head of <i>Kepengamatan</i>
<i>Perkumpulan</i>	Society, group
PERMEN	Ministrial Order ( <i>Peraturan Menteri</i> )
PID	<i>Proyek Irigasi Desa</i> (Village Irrigation Project)
PIK	Turnover of small irrigation system ( <i>Penyerahan Irigasi Kecil</i> )
PIM	Participatory Irrigation Management (In Indonesia often referred to as PPI)
PIMPRO	Project Manager ( <i>Pimpinan Proyek</i> )
PIP	Provincial Irrigation Project (under PWRS)
PJPT II	Second Twenty-Five Year Development Plan (1994-2019)
PMS	Project Management System
POJAK	Working group for WATSAL ( <i>Kelompok Kerja</i> )
PP	Government Regulation ( <i>Peraturan Pemerintah</i> )
PPI	Turnover of Irrigation Management ( <i>Penyerahan Pengelolaan Irigasi</i> )
PPK	<i>Program pengembangan kecamatan</i> (Kechamatan Development Program)
PPKI	<i>Pelaksanaan Pembaharuan Kebijakan Irigasi</i>
PKPI	<i>Pembaharuan Kebijaksanaan Pengelolaan Irigasi</i>
PPKP	<i>Pemahaman Partisipatif Kondisi Pedesaan</i> (=PRA: Participatory Rural Appraisal)
PPSDA	Sub-directorate of Institutions in the Directorate of Utilization and Preservation
PPTPA	<i>Panitia Pelaksana Tata Pengaturan Air</i> (Provincial or River Basin Water Board)
PPL	<i>Penyuluhan Pertanian Lapangan</i> (Village Level Agricultural Extension Worker)
PRA	Participatory Rural Appraisal (=PPKP)
PRAS	Provincial Agriculture Service
PTPA	<i>panitia tata pengaturan air</i> (water board)
PSETK	<i>profil sosio eknomi teknis dan kelembagaan</i>
PSDA	<i>Pengelolaan Sumber Daya Air</i> : (Water Resources Management)
PTGA	<i>Program Pengembangan Tata Guna Air</i> (Water Use Development Program)
PU	= Ministry of Public Works, ( <i>Pekerjaan Umum</i> )
PWMC	Provincial Water Management Committee
PWRS	Provincial Water Resources Service ( <i>Dinas PU Propinsi Pengairan</i> ) formerly PRIS
PWS	Pengelolaan Wilayah Sungai: river basin management
R/U	Rehabilitation and Upgrading
<i>Ranting Dinas</i>	Sub-branch of <i>Cabang Dinas</i>
RPSA	<i>Rencana Pengembangan</i> (or also <i>Pengelolaan</i> ) <i>Sumberdaya Air</i>
RRA	Rapid Rural Appraisal
S/W	Scope of Work
<i>Sawah</i>	Rice field (wet)
SDA	<i>Sumber Daya Air</i> (Water Resources)
SM	Special Maintenance
SOEs	State-owned enterprises
<i>Sub-dinas</i>	Sub-division of provincial public works service
SWS	<i>Satuan Wilayah Sungai</i> : administrative grouping of river basins
SWS	River Basin Territories ( <i>Satu Wilayah Sungai</i> )
TA	Technical Assistance
TOR	Terms of Reference
<i>Ulu-ulu</i>	Water distribution supervisor of WUA or village
UPTD	Provincial Basin Management Units
UU	National Law ( <i>Undang-Undang</i> )
WATSAL	Water Resources Sector Adjustment Loan
WS	<i>Wilayah Sungai</i> : a group of neighboring river basins
WUA	Water Users' Association (=P3A: <i>Perkumpulan Petani Pemakai Air</i> )
WUAF	Federation of WUA at Secondary system level (=GP3A)