

PDM and Evaluation Grids

Thailand

PDM

Evaluation Grids

Kamphaeng Saen Irrigated Agriculture Development Project in the Mae Klong River Basin (81.2 – 82.2)

Mae Kuang Irrigated Agriculture Development Project (84.9 – 86.3)

Sakae Krang River Basin Irrigation Project (87.9 – 88.9)

Water Management System and Monitoring Plan in the Chao Phya River Basin (87.1 – 89.3)

Philippines

PDM

Evaluation Grids

Ilocos Norte Irrigation Project (78.8 – 80.12)

Mabini Agricultural Development Project (81.9 – 82.3)

Improvement Project of the Operation & Maintenance of National Irrigation Systems

(AMRIS, 18 Districts) (82.9 – 84.2)

Improvement Project of the Operation & Maintenance of National Irrigation Systems (UPRIIS) (82.9 – 84.2)

Improvement Project of the Operation & Maintenance of Magat River Integrated Irrigation (86.2 – 87.3)

Project Design Matrix

Title: Study of the Kamphaeng Saen Irrigated Agriculture Development Project in the Mae Klong River Basin (F/S)

Narrative summary	Indicators	Means of verification	Important assumptions
Goals 2 (Implementation and post implementation stage) The projects covered by F/S are implemented; and the objectives are attained.	Qualitative and quantitative data of effects after attainments of project objectives	1) Distribution of questionnaire sheets, and interviews 2) Collection of statistical materials (RID headquarters, regional offices, and NSO, etc.)	
Goals 1 (Preparation Stage) The Thai government conducts practical preparations for implementation of the projects covered by F/S.	Qualitative data to confirm facts	Distribution of questionnaire sheets, and interviews	1) The Thai government secures the budget necessary to implement the project. 2) RID and other relevant organizations are sufficiently capable of implementing the project. 3) There are sufficient needs among local farmers.
Purpose: The Thai and Japanese teams collaborate and formulate improvement project for the Kamphaeng Saen district (17,200 ha) through joint F/S implementation.	Qualitative data to confirm facts	1) Review of the final reports 2) Distribution of questionnaire sheets, and interviews	There has been no change in the priority of project implementations in the Kamphaeng Saen district relative to all projects for irrigated agriculture development.
Outputs 1) Understand the current conditions of the Kamphaeng Saen district. 2) The Thai team acquires skills and knowledge concerning this F/S.	1) Qualitative data to confirm facts 2) Indicators to measure the degree of technology transfer	1) Structure and contents of the final report, and review of relevant reports compiled by WB and JICA and other organizations 2) Distribution of questionnaire sheets, and interviews	There has been no change in RID's irrigated agriculture development policies and organizational role.
Activities Studies are conducted on the following, and technology transfers are implemented concerning the studies. 1) Irrigation, drainage, and hydrological analyses 2) Design and calculation concerning improvement of farm fields, soil, and cultivation plans 3) Agro-economy, and farmers' associations	Inputs (Japanese team) 1) Dispatch of experts: Ten experts 2) Acceptance of trainees: One trainee 3) Holding of seminars (Thai team) 1) C/P: 22 staff members of RID and other relevant organizations 2) Establishment of temporary office to conduct studies in the Kamphaeng Saen district.		There has been no change in RID's irrigated agriculture development policies and organizational role. Precondition 1) Sufficient number of C/P staff members can be provided. 2) Public safety can be secured in the areas under study.

Project Design Matrix
Title: Study of the Mae Kuang Irrigated Agriculture Development Project (F/S)

Narrative summary	Indicators	Means of verification	Important assumptions
Goals 2 (Implementation and post implementation stage) The projects covered by F/S are implemented; and the objectives are attained.	Qualitative and quantitative data of efforts after attainments of project purposes	1) Distribution of questionnaire sheets, and interviews 2) Collection of statistical materials (RID headquarters, regional offices, and NSO, etc.)	
Purpose: The Thai and Japanese teams collaborate to formulate an irrigated agriculture development project for the study areas (20,000 ha) through joint F/S implementation.	Qualitative data to confirm facts	1) Review of the final reports 2) Distribution of questionnaire sheets, and interviews	1) The Thai government secures the budget necessary to implement the project. 2) RID and other relevant organizations are sufficiently capable of implementing the project. 3) There has been no change in the priority of project implementations in the target area relative to all projects for irrigated agriculture development.
Outputs 1) Understand the current conditions of the study areas. 2) The Thai team acquires skills and knowledge concerning this F/S.	1) Qualitative data to confirm facts 2) Indicators to measure the degree of technology transfer	1) Review of the structure and contents of the final report 2) Distribution of questionnaire sheets, and interviews 3) Review of the irrigation project reported to have been implemented by RID (1976) at an adjacent district to the study area	There has been no change in the priority of project implementations in the Kamphaeng Saen district relative to all projects for irrigated agriculture development.
Activities Studies are conducted on the following, and technology transfers are implemented concerning the studies. 1) Design, calculations, and construction plans for dam constructions 2) Irrigation, drainage, and hydrological analyses, and design and calculation concerning improvement of farm fields 3) Agro-economy, and farmers' associations, soil and cultivation plans	Inputs (Japanese team) 1) Dispatch of experts: 14 experts 2) Acceptance of trainees: One trainee 3) Holding of seminars (Thai team) 1) C/P: 13 staff members of RID 2) Establishment of camps in the study areas		There has been no change in the priority of project implementations in the Kamphaeng Saen district relative to all projects for irrigated agriculture development. Precondition 1) Sufficient number of C/P staff members can be provided. 2) Public safety can be secured in the areas under study.

Project Design Matrix
Title: Study of the Sakae Krang River Basin Irrigation Project (F/S)

Narrative summary	Indicators	Means of verification	Important assumptions
Goals 2 (Implementation and post implementation stage) The projects covered by F/S are implemented, and the objectives are attained.	Qualitative and quantitative data of effects after attainments of project objectives	1) Distribution of questionnaire sheets, and interviews 2) Collection of statistical materials (RID headquarters, regional offices, and NSO, etc.)	
Goals 1 (Preparation Stage) The Thai government conducts practical preparations for implementation of the projects.	Qualitative data to confirm facts	Distribution of questionnaire sheets, and interviews	1) The Thai government secures the budget necessary to implement the project. 2) The Thai government performs actions necessary to implement the project (satisfying environmental standards and creating domestic consensus). 3) RID and other relevant organizations are sufficiently capable of implementing the project.
Purpose: The Thai and Japanese teams collaborate to formulate the Mae Wong Irrigation project for the Sakae Krang River basin (7,000k) through joint F/S implementation.	Qualitative data to confirm facts	1) Review of the final reports 2) Distribution of questionnaire sheets, and interviews	There has been no change in the priority of project implementations in the Sakae Krang River basin relative to all projects for irrigated agriculture development.
Outputs 1) Understand the current conditions to select the top-priority dams in the Sakae Krang River basin. 2) The Thai team acquires skills and knowledge concerning this F/S.	1) Qualitative data to confirm facts 2) Indicators to measure the degree of technology transfer	1) Review of the structure and contents of the final report 2) Distribution of questionnaire sheets and interviews	There has been no change in RID's irrigated agriculture development policies and organizational role.
Activities Studies are conducted on the following, and technology transfers are implemented concerning the studies. 1) Basic design for dams and other related facilities, calculation/construction plans, and geological, soil, hydrological, and meteorological analyses 2) Irrigated agriculture development projects, power generation plans, and flood prevention 3) Domestic water use/drainage, farmers' associations, and water management 4) Agro-economy, water resource evaluation, residents' relocations, and inland water fisheries	In puts (Japanese team) 1) Dispatch of experts: Ten experts 2) Acceptance of trainees (by consultants) (Training in Japan in accordance with the OJT format) (Thai team) 1) C/P: 33 staff members of RID and seven staff members of regional offices 2) Establishment of an office for study teams in the study areas		There has been no change in RID's irrigated agriculture development policies and organizational role. Precondition 1) Sufficient number of C/P staff members can be provided. 2) Public safety can be secured in the areas under study.

Project Design Matrix
Title: Study of the Water Management System and Monitoring Program in the Chao Phya River Basin (M/P)

Narrative summary	Indicators	Means of verification	Important assumptions
Goals (Implementation and post implementation stage) The Thai team is capable of developing project plans concerning water resource management in the areas other than the Chao Phya River basin	Qualitative and quantitative data of effects after attainments of project objectives	1) Distribution of questionnaire sheets, and interviews 2) Collection of statistical materials (RUD headquarters and NSO)	
Purpose: Thai team becomes capable of developing project plans concerning water resource management in the Chao Phya River basin, subsequent to the implementation of the M/P study.	Qualitative data to confirm facts	1) Review of the final reports 2) Distribution of questionnaire sheets, and interviews	1) The Thai government secures the budget necessary to formulate project plans and implement the project 2) RUD and other relevant organizations are equipped with systematic capabilities to sufficiently utilize the transferred technologies. 3) There has been no change in the priority of project plan implementations relative to all policies for the Thai water resource management 4) Implementation of JICA's project-type technical cooperation entitled "Irrigation Engineering Center Cooperation"
Outputs 1) Understand current natural conditions, water utilization facilities, and water management in the Chao Phya River basin. 2) The Thai and Japanese teams collaborate with each other to formulate the following project plans: (1) Water management model project (2) Monitoring and communication systems improvement project (3) Data management system improvement project (4) Irrigation/drainage systems improvement project (5) Study on basic plans for integrated development of the basin (6) Study on crop diversification promotion center	1) Qualitative data to confirm facts 2) Indicators to measure the degree of technology transfer	1) Review of the structure and contents of the final report 2) Distribution of questionnaire sheets, and interviews 3) Hearings concerning JICA's project-type technical cooperation entitled "Irrigation Engineering Center Cooperation"	1) There has been no change in the priority of project plan development and implementation relative to all policies for water resource management 2) Coordination and adjustment with JICA's development study "Study for the Chao Phya River Flood Forecast System Plan" (1987-1988)
Activities Studies are conducted on the following, and technology transfers are implemented concerning the studies. 1) Water management hydraulic model, monitoring/data processing 2) Irrigation/drainage, hydrology and meteorology 3) Agricultural/social organization, agro-economy/project evaluation 4) Soil/land utilization	Inputs (Japanese team) 1) Dispatch of experts: 14 experts 2) Acceptance of trainees 3) Training activities for Thai experts in Thailand (Thai team) 1) C/P: 25 staff members (including supervisors) of the six departments of RUD 2) Securing rooms for study teams within the RUD headquarters		There has been no change in RUD's irrigated agriculture development policies and organizational role. Precondition 1) Sufficient number of C/P staff members can be provided. 2) Public safety can be secured in the areas under study.

Evaluation Grid

Title: Study of the Kamphaeng Saen Irrigated Agriculture Development Project in the Mae Klong River Basin (F/S)

Five criteria	Evaluation items	Specific questions	Data	Collection methods	Japanese organizations					Thai organizations					International organizations		
					JICA	Consul General	National Economic and Development Authority	Royal Irrigation Dept (RID)	RID CP members	RID Region office	Related office	NSO	ADB	WB			
Efficiency	Was the development study implemented in accordance with the scope specified in SAW?	Are there any items not covered by the development study?	Contents of SW and the final report	Review of the final report and SW	<input type="radio"/>				<input type="radio"/>								
	Was the input sufficient?	Was the input from the Thai side (human resources, etc.) sufficient? Was the input from the Japanese side (human resources, etc.) sufficient?	Contents of the final report	Review of the final report and interviews	<input type="radio"/>	<input type="radio"/>											
	Were the technology transfers sufficient?	Was the study conducted in close collaboration between the Japanese team and the Thai team? What kind of knowledge and skills has the Thai team acquired?	Contents of the final report	Review of the final report and interviews	<input type="radio"/>				<input type="radio"/>								
	Were communications Sufficient?	Has the Japanese team explained the study procedures and progresses in detail? Were communications between the Japanese team and the Thai team sufficient?	Verification of facts by rating	Distribution of questionnaire sheets to the former CP members		<input type="radio"/>			<input type="radio"/>								
	Were enough data Available?	Were the basic data fully available before starting the study? Were the quantitative and qualitative data sufficiently collected? Was consistency maintained with the "Irrigated Agriculture Development Project" (1964-1980) of the World Bank? Was consistency maintained with the "Irrigated Agriculture Development in Greater Mae Klong River Basin" (1977-1979), a master plan study of JICA?	Contents of technologies transferred Verification of related reports by rating Verification of facts by rating	Distribution of Questionnaire sheets and interviews Distribution of questionnaire sheets and interviews Distribution of Questionnaire sheets and interviews	<input type="radio"/>				<input type="radio"/>								
	Were links to other studies or projects well-established?	Was the study well-balanced with and sufficiently linked to JICA's project-type technical cooperation entitled "Mae Klong Pilot Project No.1 & No.2" (1977-1985)?	Contents of the final report	Review of the final report	<input type="radio"/>				<input type="radio"/>								
			Contents of the final report	Review of the final report	<input type="radio"/>												
			Verification of WB reports	Review of WB reports and interviews					<input type="radio"/>								
			Contents of JICA reports	Review of JICA reports	<input type="radio"/>												
			JICA evaluation reports	Review of evaluation reports	<input type="radio"/>												
Effectiveness	Were the proposals compiled after sufficient review?	Were the proposals developed in accordance with adequate technical, economic, social and environmental analyses? Were the proposals sufficiently feasible for the Thai side (in terms of both scale and requirements)?	Proposed projects	Review of the final report and interviews	<input type="radio"/>				<input type="radio"/>								
	Was the report properly structured and equipped with sufficient content?	Was the final report adequately structured and equipped with sufficient content?	Proposed projects	Review of the final report and interviews	<input type="radio"/>				<input type="radio"/>								
			Structure and contents of the final report	Review of the final report and interviews	<input type="radio"/>				<input type="radio"/>								

Five criteria	Evaluation items	Specific questions	Data	Collection methods	Japanese organizations		Thai organizations						International organizations	
					JICA	Consultant	National Economic and Development Authority (NEDA)	Royal Irrigation Dept (RID)	RID C/P members	RID Region office	Related office	NSO	ADB	WB
Impact	Utilization stage/post- Utilization stage	What kind of progress has been made after development study aiming at project implementation, etc., subsequent to the proposals derived from the development study?	Have the proposals of the development study (as follows) been reflected in the agricultural development plan of RID? (1) Improvement of irrigation functions (repairs of irrigation canals) (2) Improvement of drainage situations (construction of new drainage canals and repairs of existing ones) (3) Establishment of farm field facilities (construction of new roads and review of improvement methods concerning the facilities)	Developed projects and verification of facts by rating	Distribution of questionnaire sheets, interviews, and review of relevant documents	○			○					
	Utilization preparation stage	Were the proposals derived from the development study sufficiently applied to project implementation?	Which proposals of the development study (as follows) were implemented as projects? In which year were they implemented, and what were the financial sources? (1) Improvement of irrigation functions (repairs of irrigation canals) (2) Improvement of drainage situations (construction of new drainage canals and repairs of existing ones) (3) Establishment of farm field facilities (construction of new roads and review of improvement methods concerning the facilities)	List of project implementation cases and the contents, verification of facts by rating	Distribution of questionnaire sheets, interviews, and review of relevant documents	○			○					
		Have the development study proposals been implemented as projects in accordance with technical recommendations?		List of project implementation cases and the contents, verification of facts by rating	Distribution of questionnaire sheets, interviews, and review of relevant documents	○								
		What kind of effects have been produced in the Kamphaeng Saen irrigation area from implementation of projects in the proposals?	(1) Expansion of irrigated area (2) Fluctuation in supply and demand of irrigation water (3) Improvement of productivity (4) Income changes	Distribution of questionnaire sheets, interviews, and review of relevant documents										

Five criteria	Evaluation items	Specific questions	Data	Collection methods	Japanese organizations		Thai organizations						International organizations	
					JICA	Consistent	National Economic and Development Authority (NEDA)	Royal Irrigation Dept (RID)	RID OP members	RID Region office	Related office	NSO	ADB	WB
Relevance	At the implementation stage of the development study, was the development study consistent with development plans of the recipient country/region/organization, activities of other donors, and the needs of the beneficiaries?	At the implementation stage of the development study, were the study policies consistent with the national development plans of the Thai government?	National Economic and Social development Plan	Review of relevant documents	<input type="radio"/>				<input type="radio"/>					
		At the implementation stage of the development study, was consistency maintained with the "Vae Klong Irrigated Agriculture Development Project" at the Greater Mae Klong River Basin or the Kamphaeng Saen district?	RID project reports	Review of RID reports	<input type="radio"/>	<input type="radio"/>								
		At the implementation stage of the development study, was the development study consistent with the activities of the World Bank or JICA's MIP studies?	Reports of WB and JICA	Review of reports of WB and JICA	<input type="radio"/>				<input type="radio"/>					
		At the implementation stage of the development study, were the needs of the beneficiaries properly considered?	Verification of files by rating, and relevant documents	Distribution of questionnaire sheets, interviews, and review of relevant documents		<input type="radio"/>			<input type="radio"/>					
		Are the implemented projects consistent with the current development plan of RID?	Verification of files by rating	Distribution of questionnaire sheets, interviews, and review of relevant documents	<input type="radio"/>				<input type="radio"/>					
Sustainability	Is the project proposed in the development study still sustainable?	Which section has present and future responsibilities both technically and financially for maintenance and management of the implemented plan?	Verification of files	Interviews and review of relevant documents	<input type="radio"/>			<input type="radio"/>	<input type="radio"/>					
		Are the beneficiaries technically capable of managing the irrigation and drainage facilities at the field level?	Verification of files	Interviews and review of relevant documents	<input type="radio"/>			<input type="radio"/>	<input type="radio"/>					

Evaluation Grid
Title: Mae Kuang Irrigated Agriculture Development Project (R/S)

Table 1: Data available in the final report, questionnaire and interview (2015)														
Five criteria	Evaluation items	Specific questions	Data	Collection methods	Japanese organizations		Thai organizations					International organizations		
					JICA	Consultant	National Economic and Development Authority (NEDA)	Royal Irrigation Dept (RID)	RID OP members	RID Region office	Related office	NSO	ADB	WB
Efficiency	Was the development study implemented in accordance with the scope specified in S/W?	Are there any items not covered by the development study?	Contents of S/W and the final report	Review of the final report and S/W	<input type="radio"/>	<input type="radio"/>			<input type="radio"/>					
	Was the input sufficient?	Was the input from the Thai side (human resources, etc.) sufficient?	Contents of the final report	Review of the final report	<input type="radio"/>	<input type="radio"/>								
		Was the input from the Japanese side (human resources, etc.) sufficient?	Contents of the final report	Review of the final report	<input type="radio"/>				<input type="radio"/>					
	Were the technology transfers sufficient?	Was the study conducted in close collaboration between the Japanese team and the Thai team?	Verification of facts by rating	Distribution of questionnaire sheets to the former C/P members		<input type="radio"/>			<input type="radio"/>					
Effectiveness		What kind of knowledge and skills has the Thai team acquired?	Contents of the final report	Distribution of questionnaire sheets and interviews	<input type="radio"/>				<input type="radio"/>					
	Were communications sufficient?	Has the Japanese team explained the study procedures and progresses in detail?	Verification of facts by rating	Distribution of questionnaire sheets and interviews		<input type="radio"/>			<input type="radio"/>					
		Were communications between the Japanese team and the Thai team sufficient?	Verification of facts by rating	Distribution of questionnaire sheets and interviews		<input type="radio"/>			<input type="radio"/>					
	Were enough data available?	Were the basic data fully available before starting the study? Were the quantitative and qualitative data sufficiently collected?	Contents of the final report	Review of the final report	<input type="radio"/>	<input type="radio"/>			<input type="radio"/>	<input type="radio"/>				
	Were the proposals compiled after sufficient review?	Were the proposals developed in accordance with adequate technical, economic, social and environmental analyses? Were the proposals sufficiently feasible for the Thai side (in terms of both scale and Requirements)?	Proposed projects	Review of the final report and interviews	<input type="radio"/>				<input type="radio"/>	<input type="radio"/>				
	Was the report properly structured and equipped with sufficient content?	Was the final report adequately structured and equipped with sufficient content?	Proposed projects	Review of the final report and interviews	<input type="radio"/>				<input type="radio"/>	<input type="radio"/>				

Five criteria	Evaluation items	Specific questions	Data	Collection methods	Japanese organizations		Thai organizations						International organizations	
					JICA	Consistent	National Economic and Development Authority (NEDA)	Royal Irrigation Dept (RID)	RID OP members	RID Region office	Related office	NSO	AIDB	WB
Impact Utilization preparation stage	Were the proposals derived from the development study sufficiently applied to project implementation?	Which proposals of the development study (as follows) were implemented as projects? In which year were they implemented, and what were the financial sources? (1) Design and construction plans for dams (2) Improvement of irrigation canal facilities	List of project implementation cases and the contents, verification of facts by rating	Distribution of questionnaire sheets, interviews, and review of relevant documents	○				○					
		Have the development study proposals been implemented as projects in accordance with technical recommendations?	List of project implementation cases and the contents, verification of facts by rating	Distribution of questionnaire sheets, interviews, and review of relevant documents		○			○					
		What kind of effects have been produced in the area under study from implementation of projects in the proposals?	(1) Expansion of irrigated area (2) Fluctuation in supply and demand of irrigation water (3) Improvement of productivity (4) Income changes	Distribution of questionnaire sheets, interviews, and review of relevant documents	○				○					

Five criteria	Evaluation items	Specific questions	Data	Collection methods	Japanese organizations		Thai organizations					International organizations	
					JICA	Consultant	National Economic and Development Authority (NEDA)	Royal Irrigation Dept (RID)	RID OP members	RID Region office	Related office	ADB	WB
Relevance	At the implementation stage of the development study, was the development study consistent with development plans of the recipient country/region/organization, activities of other donors, and the needs of the beneficiaries?	At the implementation stage of the development study, were the study policies consistent with the national development plans of the Thai government?	National Economic and Social Development Plan	Review of relevant documents	<input type="radio"/>			<input type="radio"/>					
		At the implementation stage of the development study, was consistency maintained with the "Yae Kuang Irrigated Agriculture Development Project" (existing area) implemented by RID at the district adjacent to the area under study?	RID project reports	Review of RID reports	<input type="radio"/>	<input type="radio"/>							
		At the implementation stage of the development study, were the needs of the beneficiaries properly considered?	Verification of facts by rating, and relevant documents	Distribution of questionnaire sheets, interviews, and review of relevant documents		<input type="radio"/>		<input type="radio"/>					
	At the time of implementation of evaluation study, could the framework proposed in the development study satisfy current needs?	Are the implemented projects consistent with the current development plan of RID?	Verification of facts by rating	Distribution of questionnaire sheets, interviews, and review of relevant documents	<input type="radio"/>			<input type="radio"/>					
Sustainability	Is the project proposed in the development study still sustainable?	Which section has present and future responsibilities both technically and financially for maintenance and management of the implemented plan?	Verification of facts	Interviews and review of relevant documents	<input type="radio"/>			<input type="radio"/>	<input type="radio"/>				
		Are the beneficiaries technically capable of managing the irrigation and drainage facilities at the field level?	Verification of facts	Interviews and review of relevant documents	<input type="radio"/>			<input type="radio"/>	<input type="radio"/>				

Evaluation Grid
Title: Study of the Sakae Krang River Basin Irrigation Project (F/S)

Five criteria	Evaluation items	Specific questions	Data	Collection methods	Japanese organizations		Thai organizations						International organizations	
					RCA	Consultant	National Economic and Development Authority (NEDA)	Royal Irrigation Dept (RID)	RID OP members	RID Region office	Related office	NSO	ADB	WB
Efficiency	Was the development study implemented in accordance with the scope specified in S/W?	Are there any items not covered by the development study?	Contents of S/W and the final report	Review of the final report and S/W	<input type="radio"/>				<input type="radio"/>					
	Was the input sufficient?	Was the input from the Thai side (human resources, etc.) sufficient?	Contents of the final report	Review of the final report	<input type="radio"/>	<input type="radio"/>								
		Was the input from the Japanese side (human resources, etc.) sufficient?	Contents of the final report	Review of the final report	<input type="radio"/>				<input type="radio"/>					
	Were the technology transfers sufficient?	Was the study conducted in close collaboration between the Japanese team and the Thai team?	Verification of facts by rating	Distribution of questionnaire sheets to the former C/P members		<input type="radio"/>			<input type="radio"/>					
		What kind of knowledge and skills has the Thai team acquired?	Contents of the final report	Distribution of questionnaire sheets and interviews	<input type="radio"/>				<input type="radio"/>					
	Were communications sufficient?	Has the Japanese team explained the study procedures and progresses in detail?	Verification of facts by rating	Distribution of questionnaire sheets and interviews		<input type="radio"/>			<input type="radio"/>					
		Were communications between the Japanese team and the Thai team sufficient?	Verification of facts by rating	Distribution of questionnaire sheets and interviews		<input type="radio"/>			<input type="radio"/>					
	Were enough data available?	Were the basic data fully available before starting the study?	Contents of the final report	Review of the final report	<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>					
Effectiveness		Were the proposals developed in accordance with adequate technical, economic, social and environmental analyses?	Contents of the final report	Review of the final report	<input type="radio"/>									
	Were the proposals compiled after sufficient review?	Were the proposals sufficiently feasible for the Thai side (in terms of both scale and requirements)?	Proposed projects	Review of the final report and interviews	<input type="radio"/>				<input type="radio"/>					
	Was the report properly structured and equipped with sufficient content?	Was the final report adequately structured and equipped with sufficient content?	Proposed projects	Review of the final report and interviews	<input type="radio"/>				<input type="radio"/>					

Five criteria	Evaluation items	Specific questions	Data	Collection methods	Japanese organizations		Thai organizations						International organizations	
					JICA	Consistent	Regional Economic and Development Authority (NEDA)	Royal Irrigation Dept (RID)	RID OP members	RID Region office	Related office	NSO	ADB	WB
Impact	Utilization preparation stage	What kind of progress has been made after development study aiming at project implementation, etc., subsequent to the proposals derived from the development study? What kind of efforts have been made to satisfy the Thai environmental standards for project implementations derived from proposals of the development study, subsequent to the completion of the development study?	Developed projects and verification of facts by rating	Distribution of questionnaire sheets, interviews, and review of relevant documents	○				○					
		Was the proposal derived from the development study (following) reflected in the irrigated agriculture development project of RID? (1) Selection of top-priority dams and their construction plans What kind of procedures and efforts have been employed for implementation of the projects proposed in the development study (as follows)? 1) National Environmental Committee 2) Residents and NGOs	Verification of facts	Interviews	○				○					

Five criteria	Evaluation items	Specific questions	Data	Collection methods	Japanese organizations		Thai organizations						International organizations	
					JICA	Consultant	National Economic and Development Authority (NEDA)	Royal Irrigation Dept (RID)	RID OP members	RID Region office	Related office	NSO	ADB	WB
Relevance	At the implementation stage of the development study, was the development study consistent with development plans of the recipient country/region/organization, activities of other donors, and the needs of the beneficiaries?	At the implementation stage of the development study, were the study policies consistent with the national development plans of the Thai government?	National Economic and Social development Plan	Review of relevant documents	<input type="radio"/>				<input type="radio"/>					
	At the time of implementation of evaluation study, could the framework proposed in the development study satisfy current needs?	At the implementation stage of the development study, were the needs of the beneficiaries properly considered?	Verification of facts by rating and relevant documents	Distribution of questionnaire sheets, interviews, and review of relevant documents		<input type="radio"/>			<input type="radio"/>					
		Are the implemented projects consistent with the current development plan of RID?	Verification of facts by rating	Distribution of questionnaire sheets, interviews, and review of relevant documents	<input type="radio"/>				<input type="radio"/>					

Evaluation Grid

Title: Study of the Water Management System and Monitoring Program in the Chao Phya River Basin (M/P)

Five criteria	Evaluation items	Specific questions	Data	Collection methods	Japanese organizations		Thai organizations						International organizations	
					JICA	Consultant	National Economic and Development Authority (NEDA)	Royal Irrigation Dept (RID)	RID C/P members	RID Region office	Refined office	NSO	AID	WB
Efficiency	Was the development study implemented in accordance with the scope specified in S/W?	Are there any items not covered by the development study?	Contents of S/W and the final report	Review of the final report and S/W	<input type="radio"/>				<input type="radio"/>					
	Was the input sufficient?	Was the input from the Thai side (human resources, etc.) sufficient?	Contents of the final report	Review of the final report	<input type="radio"/>	<input type="radio"/>								
		Was the input from the Japanese side (human resources, etc.) sufficient?	Contents of the final report	Review of the final report	<input type="radio"/>				<input type="radio"/>					
	Were the technology transfers sufficient?	Was the study conducted in close collaboration between the Japanese team and the Thai team?	Verification of facts by rating	Distribution of questionnaire sheets to the former C/P members		<input type="radio"/>			<input type="radio"/>					
		What kind of knowledge and skills has the Thai team acquired?	Contents of the final report	Distribution of questionnaire sheets and interviews	<input type="radio"/>				<input type="radio"/>					
	Were communications sufficient?	Has the Japanese team explained the study procedures and progresses in detail?	Verification of facts by rating	Distribution of questionnaire sheets and interviews		<input type="radio"/>			<input type="radio"/>					
		Were communications between the Japanese team and the Thai team sufficient?	Verification of facts by rating	Distribution of questionnaire sheets and interviews		<input type="radio"/>			<input type="radio"/>					
Effectiveness	Were enough data available?	Were the basic data fully available before starting the study?	Contents of the final report	Review of the final report	<input type="radio"/>	<input type="radio"/>			<input type="radio"/>					
		Were the quantitative and qualitative data sufficiently collected?	Contents of the final report	Review of the final report	<input type="radio"/>									
	Were links to other studies or projects well-established?	Was it well-balanced with and sufficiently linked to JICA's project-type technical cooperation entitled "Irrigation Engineering Center Project" (1985-1990)?	Contents of the final reports, and verification of facts	Review of the final report and interviews										
	Were the proposals compiled after sufficient review?	Were the proposals developed in accordance with adequate technical, economic, social and environmental analyses?	Proposed plans	Review of the final report and interviews	<input type="radio"/>			<input type="radio"/>	<input type="radio"/>					
		Were the proposals sufficiently feasible for the Thai side (in terms of both scale and requirements)?	Proposed plans	Review of the final report and interviews	<input type="radio"/>			<input type="radio"/>	<input type="radio"/>					
	Was the report properly structured and equipped with sufficient content?	Was the final report adequately structured and equipped with sufficient content?	Proposed projects	Review of the final report and interviews	<input type="radio"/>			<input type="radio"/>	<input type="radio"/>					

Five criteria	Evaluation items	Specific questions	Data	Collection methods	Japanese organizations		Thai organizations						International organizations	
					JICA	Consultant	National Economic and Development Authority (NEDA)	Royal Irrigation Dept (RID)	RID C/P members	RID Region office	Related office	NSO	ADB	WB
Impact Utilization preparation stage	Have the proposals from the development study been fully utilized?	Have the following proposals from the development study been fully utilized? (1) Water management model project (2) Monitoring and communication systems improvement project (3) Data management system improvement project (4) Irrigation/drainage systems improvement project (5) Study on basic plans for integrated development of the basin (6) Study on crop diversification promotion center	Implementation list and the contents, and verification of facts by rating	Distribution of questionnaire sheets, interviews, and review of relevant documents	○				○					
		Have the proposals from the development study been properly applied in areas other than the Chao Phya River Basin?	Implementation list and the contents	Distribution of questionnaire sheets, interviews, and review of relevant documents	○				○					
		Have the development study proposals been implemented as projects in accordance with technical recommendations?	Implementation list and the contents, and verification of facts by rating	Distribution of questionnaire sheets, interviews, and review of relevant documents										
		What kind of effects have been produced from implementation of the plan?	1) Adjustment for supply and demand of irrigation water 2) Flood prevention	Distribution of questionnaire sheets, interviews, and review of relevant documents										

Five criteria	Evaluation items	Specific questions	Data	Collection methods	Japanese organizations		Thai organizations						International organizations	
					JICA	Consultant	National Economic and Development Authority (NEDA)	Royal Irrigation Dept (RID)	RID OP members	RID Region office	Referral office	NSO	ADB	WB
Relevance	At the implementation stage of the development study, were the study policies consistent with the national development plans of the Thai government?	At the implementation stage of the development study, was consistency maintained with the study activities of the JICA development study entitled, "Study for the Chao Phya River Flood Forecast System Plan" (1987-1988, Social Development Study Dept.)?	National Economic and Social Development Plan	Review of relevant documents	<input type="radio"/>				<input type="radio"/>					
	At the implementation stage of the development study, was the development study consistent with development plans of the recipient country/region/organization, activities of other donors, and the needs of the beneficiaries?	At the implementation stage of the development study, was the development study harmonized with JICA's project-type technical cooperation entitled, "Irrigation Engineering Center Project"?	JICA reports	Review of JICA reports	<input type="radio"/>	<input type="radio"/>								
	At the time of implementation of evaluation study, could the framework proposed in the development study satisfy current needs?	Are the implemented plans consistent with the current development plan of RID?	JICA reports	Review of JICA reports, and interviews	<input type="radio"/>	<input type="radio"/>			<input type="radio"/>					
			Review of JICA reports	Distribution of questionnaire sheets, interviews, and review of relevant documents	<input type="radio"/>				<input type="radio"/>					
Sustainability	Is the project proposed in the development study still sustainable?	Which section has present and future responsibilities both technically and financially for maintenance and management of the implemented plan?	Verification of facts	Interviews and review of relevant documents	<input type="radio"/>			<input type="radio"/>	<input type="radio"/>					
	Are the technologies transferred with the development study still likely to be utilized?	Are the beneficiaries technically capable of managing the irrigation and drainage facilities at the field level?		Questionnaire sheets and interviews	<input type="radio"/>			<input type="radio"/>	<input type="radio"/>					

Project Design Matrix
Title: Ilocos Norte Irrigation Project (F/S)

Narrative summary	Indicators	Means of verification	Important assumptions
Goal 2 (Implementation and post implementation stage) The projects covered by F/S are implemented, and the objectives are attained.	Qualitative and quantitative data of effects after attainments of project objectives	1) Distribution of questionnaire sheets, and interviews 2) Collection of statistical materials 3) Review of report documents (evaluation reports, etc.)	
Goal 1 (Preparation Stage) The Philippine government conducts practical preparations for implementation of the projects.	Qualitative data to confirm facts	1) Distribution of questionnaire sheets, and interviews 2) Review of report documents (SAPROF)	1) The Philippine government secures the budget necessary to implement the project. 2) NIA and other relevant organizations are sufficiently capable of implementing the project. 3) The project implementation is not hindered by groups opposed to the dam construction in the other (Abram) province.
Purpose: The Japanese and Philippine teams collaborate to formulate plans for irrigation facility improvement projects and hydraulic power generation for the Ilocos Norte irrigation district (22,600 ha) through joint F/S implementation operations.	Qualitative data to confirm facts	Review of the contents of the final report	There has been no change in the priority of the irrigation improvement projects in the Ilocos Norte district relative to all irrigation projects in the Philippines.
Outputs 1) Understand the current conditions of the Ilocos Norte irrigation district (the right bank of the Bonga River, the Bana-Paooy district, the Badox-Sinat district, the Madupayas district, the Nueva Era district, the Curn district) 2) The Philippine team acquires skills and knowledge concerning this F/S.	1) Qualitative data to confirm facts 2) Indicators to measure the degree of technology transfer	1) Review of the structure and contents of the final report 2) Distribution of questionnaire sheets and interviews	There has been no change in the agricultural policies or organizational role of NIA.
Activities Studies are conducted on the following, and technology transfers are implemented concerning the studies. 1) Geographical conditions 2) Natural conditions 3) Water utilization and farm field conditions 4) Agricultural production conditions 5) Hydraulic power generation conditions	Inputs (Japanese team) 1) Dispatch of experts: Phase I - 13 experts; Phase II - 12 experts 2) Acceptance of trainees 3) Provision of equipment 4) Holding of seminars (Philippine team) 1) C/P: NIA staff members Phase I - 14 members Phase II - 12 experts 2) Establishment of an office for study teams		There has been no change in the agricultural policies or organizational role of NIA. Precondition 1) The Philippine side provides sufficient C/P members. 2) Local farmers in the area under study are not opposed to implementation of the development study. 3) Public safety can be secured in the areas under study.

Project Design Matrix
Title: Mabini Agricultural Development Project (F/S)

Narrative summary	Indicators	Means of verification	Important assumptions
Goals 2 (Implementation and post implementation stage) The projects covered by F/S are implemented; and the objectives are attained.	Qualitative and quantitative data of effects after attainments of project objectives	1) Distribution of questionnaire sheets, and interviews 2) Collection of statistical materials 3) Review of report documents (evaluation reports, etc.)	
Goals 1 (Preparation Stage) The Philippine government conducts practical preparations for implementation of the projects.	Qualitative data to confirm facts	Distribution of questionnaire sheets, and interviews	1) The Philippine government secures the budget necessary to implement the project. 2) NIA and other relevant organizations are sufficiently capable of implementing the project.
Purpose: The Japanese and Philippine teams collaborate to formulate the construction project plans for dams/water sources, irrigation facilities, and power stations in the Mabini irrigation district (Alaminos, Bani, Mabini, and Sual towns/villages) (11,500 ha) through joint F/S implementation.	Qualitative data to confirm facts	Review of the contents of the final report	There has been no change in the priority of the irrigation improvement projects in the Mabini district relative to all irrigation projects in the Philippines.
Achievement 1) Understand current conditions in the Mabini irrigation district (Alaminos, Bani, Mabini, and Sual towns/villages). 2) The Philippine team acquires skills and knowledge concerning this F/S.	1) Qualitative data to confirm facts 2) Indicators to measure the degree of technology transfer	1) Review of the structure and contents of the final report 2) Distribution of questionnaire sheets and interviews	There has been no change in the agricultural policies or organizational role of NIA.
Activities Studies are conducted on the following, and technology transfers are implemented concerning the studies. 1) Local agriculture 2) Hydrological and meteorological conditions 3) Topographical and geological conditions	Inputs (Japanese team) 1) Dispatch of experts: 15 experts 2) Acceptances of trainees 3) Provision of equipment 4) Holding of seminars (Philippine team) 1) OP NIA staff members 2) Establishment of an office for study teams		There has been no change in the agricultural policies or organizational role of NIA. Precondition 1) The Philippine side provides sufficient OP members. 2) Local farmers in the area under study are not opposed to implementation of the development study. 3) Public safety can be secured in the areas under study.

Project Design Matrix
Title: Improvement Project for the Operation & Maintenance of National Irrigation Systems (AMRIS, 18 Districts) (F/S)

Narrative summary	Indicators	Means of verification	Important assumptions
Goals 2 (Implementation and post implementation stage) The projects covered by F/S are implemented, and the objectives are attained.	Qualitative and quantitative data of effects after attainments of project objectives	1) Distribution of questionnaire sheets, and interviews 2) Collection of statistical materials (NIA headquarters, regional offices, and evaluation reports, etc.)	
Goals 1 (Preparation Stage) The Philippine government conducts practical preparations for implementation of the projects.	Qualitative data to confirm facts	Distribution of questionnaire sheets, and interviews	1) The Philippine government secures the budget necessary to implement the project. 2) NIA and other relevant organizations are sufficiently capable of implementing the project.
Purpose The Japanese and Philippine teams collaborate to formulate the irrigation/drainage facility improvement projects plans for the AMRIS irrigation district (34,965 ha) through joint F/S implementation.	Qualitative data to confirm facts	Review of the contents of the final report	There has been no change in the priority of the irrigation improvement projects in the AMRIS district relative to all irrigation project in the Philippines.
Outputs 1) Understand current conditions in the AMRIS irrigation district 2) Formulate proposals to enhance irrigation management 3) The Philippine team acquires skills and knowledge concerning this F/S.	1) Qualitative data to confirm facts 2) Indicators to measure the degree of technology transfer	1) Review of the structure and contents of the final report, and relevant documents 2) Distribution of questionnaire sheets, and interviews 3) Review of report on the irrigation project (AMRADP) implemented with ADB loans in the area under study	There has been no change in the agricultural policies or organizational role of NIA.
Activities Studies are conducted on the following, and technology transfers are implemented concerning the studies. (1) Natural conditions (2) Current agricultural conditions (3) Irrigation conditions (4) Drainage conditions (5) Current conditions of the maintenance and management systems (6) Agricultural systems	Inputs (Japanese team) 1) Dispatch of experts: Eleven experts 2) Acceptance of trainees 3) Provision of equipment 4) Holding of seminars (Philippine team) 1) C/P: 16 NIA staff members 2) Establishment of an office for study teams		There has been no change in the agricultural policies or organizational role of NIA.
Precondition 1) The Philippine side provides sufficient C/P members. 2) Local farmers in the area under study are not opposed to implementation of the development study. 3) Public safety can be secured in the areas under study.			

Project Design Matrix
Title: Improvement Project for the Operation & Maintenance of National Irrigation Systems (UPRIS) (F/S)

Narrative summary	Indicators	Means of verification	Important assumptions
Goals 2 (Implementation and post implementation stage) The projects covered by F/S are implemented; and the objectives are attained.	Qualitative and quantitative data of effects after attainments of project objectives	1) Distribution of questionnaire sheets, and interviews 2) Collection of statistical materials 3) Review of report documents	
Goals 1 (Preparation Stage) The Philippine government conducts practical preparations for implementation of the projects.	Qualitative data to confirm facts	Distribution of questionnaire sheets, and interviews	1) The Philippine government secures the budget necessary to implement the project. 2) NIA and other relevant organizations are sufficiently capable of implementing the project.
Purpose The Japanese and Philippine teams collaborate to formulate irrigation/drainage facility improvement projects plans for the UPRIS irrigation district (112,000 ha) through joint F/S implementation.	Qualitative data to confirm facts	Review of the contents of the final report	There has been no change in the priority of the irrigation improvement projects in the UPRIS district relative to all irrigation projects in the Philippines.
Outputs 1) Understand current conditions in the UPRIS irrigation districts (Districts I - IV) 2) Proposals are developed for irrigation management enhancement 3) The Philippine team acquires skills and knowledge concerning this F/S.	1) Qualitative data to confirm facts 2) Indicators to measure the degree of technology transfer	1) Review of the structure and contents of the final report 2) Distribution of questionnaire sheets and interviews	There has been no change in the agricultural policies or organizational role of NIA.
Activities Studies are conducted on the following, and technology transfers are implemented concerning the studies. (1) General conditions of the planned area (2) Current conditions of the irrigation systems (3) Current conditions of the drainage systems (4) Flood and sedimentation (5) Operational conditions of UPRIS (6) Financial conditions of UPRIS (7) Agricultural organizations	In puts (Japanese team) 1) Dispatch of experts; Ten experts 2) Acceptance of trainees 3) Provision of equipment 4) Holding of seminars (Philippine team) 1) C/P: Eight NIA staff members 2) Establishment of an office for study teams		There has been no change in the agricultural policies or organizational role of NIA. Precondition 1) The Philippine side provides sufficient C/P members. 2) Local farmers in the area under study are not opposed to implementation of the development study. 3) Public safety can be secured in the areas under study.

Project Design Matrix
Title: Improvement Project for the Operation & Maintenance of Magat River Irrigation (M/P)

Narrative summary	Indicators	Means of verification	Important assumptions
Goals 2 (Implementation and post implementation stage) The projects are implemented in accordance with the next-stage study (F/S and D/D, etc.); and the expected objectives are attained for the projects.	Qualitative and quantitative data of effects after attainments of project objectives	1) Distribution of questionnaire sheets, and interviews 2) Collection of statistical materials 3) Review of report documents	
Goals 1 (Preparation Stage) The Philippine government conducts the next-stage study (F/S and D/D, etc.) in accordance with the proposed framework.	Qualitative data to confirm facts	Distribution of questionnaire sheets, and interviews	1) The Philippine government secures the budget necessary to implement the next-stage studies and the projects. 2) NIA and other relevant organizations are sufficiently capable of implementing the project.
Purpose: The Japanese and Philippine teams collaborate to formulate the O&M improvement project plans for the Magat Irrigation district through the joint operations.	Qualitative data to confirm facts	Review of the contents of the final report	1) There has been no change in the priority of the irrigation improvement projects in the MARUS district relative to all irrigation projects in the Philippines. 2) No policy changes due to changes in political leadership.
Outputs 1) Understand the current conditions of the Magat irrigation districts (Districts I - IV) (MARUS). 2) Develop a manual on dam control for irrigation management. 3) The Philippine team acquires skills and knowledge concerning this M/P.	1) Qualitative data to confirm facts 2) Indicators to measure the degree of technology transfer	1) Review of the structure and contents of the final report 2) Distribution of questionnaire sheets and interviews	There has been no change in the agricultural policies or organizational role of NIA.
Activities Studies are conducted on the following, and technology transfers are implemented concerning the studies. (1) Current conditions of the irrigation systems (2) Distribution conditions of the irrigation/drainage (3) Current conditions of maintenance and management of irrigation facilities (4) Agriculture promotion organizations	Inputs (Japanese team) 1) Dispatch of experts: 18 experts 2) Acceptance of trainees 3) Provision of equipment 4) Holding of seminars (Philippine team) 1) C/P: 18 NIA staff members 2) Establishment of an office for study teams		There has been no change in the agricultural policies or organizational role of NIA. Precondition 1) The Philippine side provides sufficient C/P members. 2) Local farmers in the area under study are not opposed to implementation of the development study. 3) Public safety can be secured in the areas under study.

Evaluation Grid
Title: Ilocos Norte Irrigation Project (FS)

Title: ILOCOS NORTH IRRIGATION PROJECT (P/S)													
Five criteria	Evaluation items	Specific questions	Data	Collection methods	Japanese organizations		Philippine organizations					International organizations	
					JICA	Consultant	National Economic and Development Authority	National Irrigation Administration (NIA)	NIAOP Members	NIA Regional Office (Bulacan)	NSIC	AIDB	WB
Efficiency	Was the development study implemented in accordance with the scope specified in S/W?	Are there any items not covered by the development study?	Contents of S/W and the final report	Review of the final report and S/W	<input type="radio"/>	<input type="radio"/>		<input type="radio"/>					
	Was the input sufficient?	Was the input from the Philippine side (human resources, etc.) sufficient?	Contents of the final report	Review of the final report	<input type="radio"/>	<input type="radio"/>							
		Was the input from the Japanese side (human resources, etc.) sufficient?	Contents of the final report	Review of the final report	<input type="radio"/>	<input type="radio"/>		<input type="radio"/>					
	Were the technology transfers sufficient?	Was the study conducted in close collaboration between the Japanese team and the Philippine team?	Results of rating by the former participants	Distribution of questionnaire sheets to the former OP members		<input type="radio"/>			<input type="radio"/>				
		What kind of knowledge and skills has the Philippine team acquired?	Contents of technologies transferred	Distribution of questionnaire sheets and interviews	<input type="radio"/>				<input type="radio"/>				
	Were communications sufficient?	Has the Japanese team explained the study procedures and progresses in detail?	Verification of facts by rating	Distribution of questionnaire sheets and interviews		<input type="radio"/>			<input type="radio"/>				
		Was the communication between the Japanese team and the Philippine team sufficient?	Verification of facts by rating	Distribution of questionnaire sheets and interviews		<input type="radio"/>			<input type="radio"/>				
	Were enough data available?	Were the basic data fully available before starting the study?	Contents of the final report	Review of the final report	<input type="radio"/>	<input type="radio"/>		<input type="radio"/>					
		Were the quantitative and qualitative data sufficiently collected?	Contents of the final report	Review of the final report	<input type="radio"/>	<input type="radio"/>							
		Were links to other studies or projects well-established?	Was the study coordinated with the other donors' projects?	Verification of related reports by rating	Review of the related reports and interviews	<input type="radio"/>	<input type="radio"/>		<input type="radio"/>		<input type="radio"/>		
Effectiveness		Was the project coordinated and well-balanced with other JICA technical assistance schemes (construction project for irrigation facilities at the outskirts of Labugao River in the Ilocos Norte District)	Contents of B/D	Review of the final report	<input type="radio"/>								
	Were the proposals compiled after sufficient review?	Were the proposals developed in accordance with adequate technical, economic, social and environmental analyses?	Proposed plans	Review of the final report and interviews	<input type="radio"/>	<input type="radio"/>		<input type="radio"/>					
		Were the proposals sufficiently feasible for the Philippine side (in terms of both scale and requirements)?	Proposed plans	Review of the final report and interviews	<input type="radio"/>	<input type="radio"/>		<input type="radio"/>					
	Was the report properly structured and equipped with sufficient content?	Was the final report adequately structured and equipped with sufficient content?	Structure and contents of the final report	Review of the final report and interviews	<input type="radio"/>	<input type="radio"/>		<input type="radio"/>		<input type="radio"/>			

Five criteria	Evaluation items	Specific questions	Data	Collection methods	Japanese organizations		Philippine organizations					International organizations	
					JICA	Consultant	National Economic and Development Authority	National Irrigation Administration (NIA)	NIAOP Members	NIA Regional Office (Bulacan)	NSIC	ADB	WB
Utilization stage post-utilization	What kind of progress has been made after development study turning at project implementation, etc., subsequent to the proposals derived from the development study?	Are the development study items reflected in NIA's CORPLAN (10-year plan)?	CORPLAN and developed plans	Distribution of questionnaire sheets, interviews, and review of relevant documents	○			○					
	Were the proposals derived from the development study sufficiently applied to project implementation?	Which proposals derived from the development studies (see examples below) were implemented as projects? In which year were they implemented, and what were the financial sources? (1) Irrigation and drainage (construction of dams, head-works, and irrigation/drainage canals) (2) Improvement of farm fields (construction of small-scale drainage canals within farm fields) (3) Roads (servicing roads along main and branch canals, and those connecting villages) (4) Power generation (construction of power stations to promote electrification of the Iloos district) (5) Agricultural development plans (irrigated agriculture with double cropping of high-yielding varieties of paddy rice, and cultivation of cash crops in dry seasons) (6) Agriculture promotion programs (provision of production equipment as well as enhancement of finance, distribution, processing systems) (7) Farmers' organization plans (establishment of farmers' organizations, such as maintenance/management organizations and agricultural cooperatives, etc.)	Contents of Reports on Project Implementation case (Iloos Norte Irrigation Project (stage I)) and verification of facts by rating	Distribution of questionnaire sheets, interviews, and review of relevant documents	○	○		○					
Utilization preparation stage	Have the development study proposals been implemented as projects in accordance with technical recommendations?		Contents of reports on project implementation cases	Review of reports on project implementation cases	○				○				
	What kind of effects have been produced in the UPRUS irrigation district from implementation of projects in the proposals?		(1) Expansion of irrigated area (2) Improvement of productivity (3) Income changes, etc.	Distribution of questionnaire sheets, interviews, and review of relevant documents									

Five criteria	Evaluation items	Specific questions	Data	Collection methods	Japanese organizations		Philippine organizations					International organizations	
					JICA	Consultant	National Economic and Development Authority	National Irrigation Administration (NIA)	NIAOP Members	NIA Region I Office (Davao)	NSIC		ADB
Relevance	At the implementation stage of the development study, was the development study consistent with development plans of the recipient country/region/organization, activities of other donors, and the needs of the beneficiaries?	At the implementation stage of the development study, were the study contents consistent with the development plans of NEDA and NIA?	Contents of the national development plan and CORPLAN	Review of relevant documents, such as national development plans and CORPLAN, etc.	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>					
		At the implementation stage of the development study, was the development study consistent with donors' activities?	JICA reports	Review of JICA reports	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>			<input type="radio"/>		
		At the implementation stage of the development study, have the needs of the beneficiaries been considered?	Verification of facts by rating (whether implementations involved farmers' organizations, etc.)	Distribution of questionnaire sheets, interviews, and review of relevant documents			<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>			
		Are the projects that have already been implemented consistent with the current development plans and the plans of NIA (CORPLAN)?	Verification of facts by rating, objectives and contents of implemented projects, and CORPLAN	Distribution of questionnaire sheets, and review of relevant documents, such as project implementation reports, national development plans, CORPLAN, etc.			<input type="radio"/>	<input type="radio"/>					
	At the time of implementation of evaluation study, could the framework proposed in the development study satisfy current needs?	Are the next-stage studies that have already been implemented consistent with the current development plans and the plans of NIA (CORPLAN)?	Verification of facts by rating, objectives and contents of implemented next-stage studies (SAPROF), and CORPLAN	Distribution of questionnaire sheets, and review of relevant documents, such as study implementation reports, national development plans, CORPLAN, etc.			<input type="radio"/>	<input type="radio"/>					
Sustainability	Is the project proposed in the development study still sustainable?	Which section has present and future responsibilities both technically and financially for maintenance and management of the implemented plan?	Verification of facts	Interviews and review of relevant documents				<input type="radio"/>		<input type="radio"/>			
		Are the beneficiaries technically capable of managing the irrigation and drainage facilities at the field level?	Verification of facts	Interviews and review of relevant documents				<input type="radio"/>		<input type="radio"/>			

Evaluation Grid

Title: Mabini Agricultural Development Project (E/S)

JICA-Philippine Development Cooperation Study																
Five criteria	Evaluation items	Specific questions	Data	Collection methods	Philippine organizations						Japanese organizations		International organizations			
					NEDA Members	NEDA President	NSC	ADB	WB	JICA	Consultant					
Efficiency	Was the development study implemented in accordance with the scope specified in S/W?	Are there any items not covered by the development study?	Contents of S/W and the final report	Review of the final report and S/W												
	Was the input sufficient?	Was the input from the Philippine side (human resources etc.) sufficient?	Contents of the final report	Review of the final report												
		Was the input from the Japanese side (human resources etc.) sufficient?	Contents of the final report	Review of the final report												
	Were the technology transfers sufficient?	Was the study conducted in close collaboration between the Japanese team and the Philippine team?	Verification of facts by rating	Distribution of questionnaire sheets and interviews												
		What kind of knowledge and skills has the Philippine team acquired?	Contents of technologies transferred	Distribution of questionnaire sheets and interviews												
	Were communications sufficient?	Has the Japanese team explained the study procedures and progresses in detail?	Verification of facts by rating	Distribution of questionnaire sheets and interviews												
		Was the communication between the Japanese team and the Philippine team sufficient?	Verification of facts by rating	Distribution of questionnaire sheets and interviews												
	Were enough data available?	Were the basic data fully available before starting the study?	Contents of the final report	Review of the final report												
		Were the quantitative and qualitative data sufficiently collected?	Contents of the final report	Review of the final report												
		Were links to other studies or projects well-established?	Was the study consistent with the donors' other project?	Verification of related reports by rating	Review of the related reports and interviews											
Effectiveness		Was the development study well-balanced with and sufficiently linked to JICA's other technical cooperation schemes (dispatches of experts and acceptance of trainees, etc.)?	Verification of related reports by rating	Review of the related reports and interviews												
	Were the proposals compiled after sufficient review?	Were the proposals developed in accordance with adequate technical, economic, social and environmental analyses?	Proposed plans	Review of the final report and interviews												
		Were the proposals sufficiently feasible for the Philippine side (in terms of both scale and requirements)?	Proposed plans	Review of the final report and interviews												
	Was the report properly structured and equipped with sufficient content?	Was the final report adequately structured and equipped with sufficient content?	Structure and contents of the final report	Review of the final report and interviews												

Five criteria	Evaluation items	Specific questions	Data	Collection methods	Japanese organizations		Philippine organizations						International organizations	
					JICA	Corplan	National Economic and Development Authority	National Irrigation Administration (NIA)	NIACP Members	NIA	Pangasinan Office	NSIC	ADB	WB
Impact	Utilization stage post-utilization	What kind of progress has been made after Development study aiming at project implementation, etc., subsequent to the proposals derived from the development study?	Are the development study items reflected in NIA's CORPLAN (10-year plan)?	Distribution of questionnaire sheets, interviews, and review of relevant documents	○			○						
	Utilization preparation stage	Were the proposals derived from the development study sufficiently applied to project implementation? Which proposals derived from the development studies (see examples below) were implemented as projects? In which year were they implemented, and what were the financial sources? (1) Dams/water source facility construction (center-core type of dams and flood sluices, etc) (2) Construction of irrigation facilities (water channels, main canals, branch canals) (3) Construction of power stations	CORPLAN and its developed plans, developed projects, and verification of facts by rating For the following related projects, list of project implementations and contents of reports on project implementation cases, verification of facts by rating	Distribution of questionnaire sheets, interviews, and review of relevant documents	○			○		○				
		Have the development study proposals been implemented as projects in accordance with technical recommendations?	Contents of reports on project implementation cases	Review of reports on project implementation cases	○			○	○	○	○			
		What kind of effects have been produced in the AMRIS irrigation district from project implementation of the proposals?	(1) Expansion of irrigated area (2) Improvement of productivity (3) Income changes, etc.	Distribution of questionnaire sheets, interviews, and review of relevant documents				○		○	○	○		

Five criteria	Evaluation items	Specific questions	Data	Collection methods	Japanese organizations		Philippine organizations				International organizations	
					JICA	Consultant	National Economic and Development Authority	National Irrigation Administration (NIA)	MAOP Members	NIA-Pangasinan Office	NSIC	ADB
Relevance	At the implementation stage of the development study, was the development study consistent with development plans of the recipient country/region/organization, activities of other donors, and the needs of the beneficiaries?	At the implementation stage of the development study, were the study contents consistent with the development plans of NEDA and NIA?	Contents of the national development plan and CORPLAN	Review of relevant documents, such as national development plans and CORPLAN, etc.	<input type="radio"/>		<input type="radio"/>					
		At the implementation stage of the development study, was the development study consistent with donors' activities?	AMIADP report compiled by ADB	Review of the final reports and AMIADP reports	<input type="radio"/>		<input type="radio"/>				<input type="radio"/>	
		At the implementation stage of the development study, have the needs of the beneficiaries been considered?	Verification of facts by rating (whether implementations involved farmers' organizations, etc.)	Distribution of questionnaire sheets, interviews, and review of relevant documents			<input type="radio"/>	<input type="radio"/>				
	At the time of implementation of evaluation study, could the framework proposed in the development study satisfy current needs?	Are the projects that have already been implemented consistent with the current development plans and the plans of NIA (CORPLAN)?	Verification of facts by rating, objectives and contents of implemented projects, and CORPLAN	Distribution of questionnaire sheets, and review of relevant documents, such as project implementation reports, national development plans, CORPLAN, etc.			<input type="radio"/>	<input type="radio"/>				
		Are the next-stage studies that have already been implemented consistent with the current development plans and the plans of NIA (CORPLAN)?	Verification of facts by rating, objectives and contents of implemented next-stage studies (SAPROF), and CORPLAN	Distribution of questionnaire sheets, and review of relevant documents, such as study implementation reports, national development plans, CORPLAN, etc.			<input type="radio"/>	<input type="radio"/>				
Sustainability	Is the project proposed in the development study still sustainable?	Which section has present and future responsibilities both technically and financially for maintenance and management of the implemented plan?	Verification of facts	Interviews and review of relevant documents				<input type="radio"/>		<input type="radio"/>		
		Are the beneficiaries technically capable of managing the irrigation and drainage facilities at the field level?	Verification of facts	Interviews and review of relevant documents				<input type="radio"/>		<input type="radio"/>		

Evaluation Grid

Title: Improvement Project for the Operation & Maintenance of National Irrigation (AMRIS)

Title: Improvement Project for the Operation & Maintenance of National Irrigation (Canals)													
Five criteria	Evaluation items	Specific questions	Data	Collection methods	Japanese organizations		Philippine organizations					International organizations	
					JICA	Cooperation	National Economic and Development Authority	National Irrigation Administration (NIA)	NIAOP Members	NIA Region III Office (Davao)	NSIC	ADB	WB
Efficiency	Was the development study implemented in accordance with the scope specified in S/W?	Are there any items not covered by the development study?	Contents of S/W and the final report	Review of the final report and S/W	○				○				
	Was the input sufficient?	Was the input from the Philippine side (human resources, etc.) sufficient?	Contents of the final report	Review of the final report	○	○							
		Was the input from the Japanese side (human resources, etc.) sufficient?	Contents of the final report	Review of the final report	○				○				
	Were the technology transfers sufficient?	Was the study conducted in close collaboration between the Japanese team and the Philippine team?	Results of rating by the former participants	Distribution of questionnaire sheets to the former C/P members		○			○				
		What kind of knowledge and skills has the Philippine team acquired?	Contents of technologies transferred	Interviews	○				○				
	Were communications sufficient?	Has the Japanese team explained the study procedures and progresses in detail?	Verification of related reports by rating participants	Distribution of questionnaire sheets to the former C/P members, and interviews		○			○				
		Was the communication between the Japanese team and the Philippine team sufficient?	Results of rating by the former participants	Review of the final report		○			○				
	Were enough data available?	Were the basic data fully available before starting the study?	Contents of the final report	Review of the final report	○	○							
		Were the quantitative and qualitative data sufficiently collected?	Contents of the final report	Review of the final report	○								
		Were links to other studies or projects well-established?	Was the study consistent with the donors' other project ("Angat-Magat Integrated Agricultural Development Project (AMIADP)" (ADB, 1973)?	Contents of technologies transferred	Review of the final report and the AMIADP report	○			○	○		○	
Effectiveness		Was the development study well-balanced with and sufficiently linked to JICA's other technical cooperation schemes (dispatches of experts and acceptance of trainees, etc.)?	Verification of related reports by rating	Review of the related reports and interviews	○								
	Were the proposals compiled after sufficient review?	Were the proposals developed in accordance with adequate technical, economic, social and environmental analyses?	Proposed plans	Review of the final report and interviews	○				○				
	Was the report properly structured and equipped with sufficient content?	Were the proposals sufficiently feasible for the Philippine side (in terms of both scale and requirements)?	Proposed plans	Review of the final report and interviews	○				○				
		Was the final report adequately structured and equipped with sufficient content?	Structure and contents of the final report	Review of the final report and interviews	○				○				

Five criteria	Evaluation items	Specific questions	Data	Collection methods	Japanese organizations		Philippine organizations					International organizations	
					JICA	Consistent	National Economic and Development Authority	National Irrigation Administration (NIA)	NIAOP Members	NIA Region III Office (Davao)	NSIC	ADB	WB
Impact	Utilization stage/post-utilization stage	<p>What kind of progress has been made after Development study aiming at project implementation, etc., subsequent to the proposals derived from the development study?</p> <p>Are the development study items reflected in NIA's CORPLAN (10-year plan)?</p> <p>Have the development study proposals fully contributed to enhancement of farmers' organizations?</p> <p>Have the development study proposals contributed to improvement of farmers' management of irrigation systems?</p>	<p>CORPLAN and its developed plans, developed projects, and verification of facts by rating</p> <p>Confirmed facts</p> <p>1) Roles of farmers' organizations (IAs, etc.) 2) Participation of farmers in these Organizations 3) NSF collection rates</p>	<p>Distribution of questionnaire sheets, interviews, and review of relevant documents</p> <p>Distribution of questionnaire sheets and interviews</p> <p>Distribution of questionnaire sheets, interviews, and review of relevant documents</p>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>			
	Utilization preparation stage	<p>Which proposals derived from the development studies (see examples below) were implemented as projects? In which year were they implemented, and what were the financial sources?</p> <p>(1) Repairs of existing irrigation/drainage facilities (2) Construction of new irrigation/drainage facilities at newly developed areas (3) Repairs of existing roads and construction of new ones (4) Improvement of terminal facilities in newly irrigated areas and existing irrigated areas (5) Enhancement of joint maintenance and management systems by NIA and irrigation organizations (6) Partial transfers of maintenance and management responsibilities for semi-branch canal facilities to irrigation organizations (7) Establishment of pilot farms for promoting upland farming (8) Supply of equipment and vehicles for construction work to promote terminal facilities, and supply of maintenance and management equipment</p> <p>Have the development study proposals been implemented as projects in accordance with technical recommendations?</p> <p>What kind of effects have been produced in the AMRIS irrigation districts from project implementation of the proposals?</p>	<p>For the following related projects, list of project implementations and contents of reports on project implementation cases, verification of facts by rating, and relevant documents: IOSP I (World Bank) IOSP II (World Bank) WRDP (World Bank)</p> <p>Contents of reports on project implementation cases</p> <p>(3) Expansion of irrigated area (4) Improvement of productivity (5) Income changes, etc.</p>	<p>Distribution of questionnaire sheets, interviews, and review of relevant documents</p> <p>Review of reports on project implementation cases</p> <p>Distribution of questionnaire sheets, interviews, and review of relevant documents</p>	<input type="radio"/>					<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Five criteria	Evaluation items	Specific questions	Data	Collection methods	Japanese organizations		Philippine organizations					International organizations		
					JICA	Consultant	National Economic and Development Authority	National Irrigation Administration (NIA)	NIAOP Members	NIA Region III Office (Bulacan)	NSIC	ADB	WB	
Relevance	At the implementation stage of the development study, was the development study consistent with development plans of the recipient country/region/organization, activities of other donors, and the needs of the beneficiaries?	At the implementation stage of the development study, were the study contents consistent with the development plans of NEDA and NIA?	Contents of the national development plan and CORPLAN	Review of relevant documents, such as national development plans and CORPLAN, etc.	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>						
		At the implementation stage of the development study, was the development study consistent with donors' activities?	AMIADP report compiled by ADB	Review of the final reports and AMIADP reports	<input type="radio"/>			<input type="radio"/>	<input type="radio"/>					
		At the implementation stage of the development study, have the needs of the beneficiaries been considered?	Verification of facts by rating (whether implementations involved farmers' organizations, etc.)	Distribution of questionnaire sheets, interviews, and review of relevant documents	<input type="radio"/>			<input type="radio"/>	<input type="radio"/>	<input type="radio"/>				
		Are the projects that have already been implemented consistent with the current development plans and the plans of NIA (CORPLAN)?	Verification of facts by rating, objectives and contents of implemented projects, and CORPLAN	Distribution of questionnaire sheets, and review of relevant documents, such as project implementation reports, national development plans, CORPLAN, etc.			<input type="radio"/>	<input type="radio"/>						
	At the time of implementation of evaluation study, could the framework proposed in the development study satisfy current needs?	Are the next-stage studies that have already been implemented consistent with the current development plans and the plans of NIA (CORPLAN)?	Verification of facts by rating, objectives and contents of implemented next-stage studies, and CORPLAN	Distribution of questionnaire sheets, and review of relevant documents, such as study implementation reports, national development plans, CORPLAN, etc.			<input type="radio"/>	<input type="radio"/>						
Sustainability	Is the project proposed in the development study still sustainable?	Which section has present and future responsibilities both technically and financially for maintenance and management of the implemented plan?	Verification of facts	Interviews and review of relevant documents				<input type="radio"/>		<input type="radio"/>				
		Are the beneficiaries technically capable of managing the irrigation and drainage facilities at the field level?	Verification of facts	Interviews and review of relevant documents				<input type="radio"/>		<input type="radio"/>				

Five criteria	Evaluation items	Specific questions	Data	Collection methods	Japanese organizations		Philippine organizations					International organizations	
					JICA	Consistent	National Economic and Development Authority	National Irrigation Administration (NIA)	NIAOP Members	NIA Region III Office (Bulacan)	NSIC	AADB	WB
Utilization stage/post-utilization stage	What kind of progress has been made after Development study aiming at project implementation, etc., subsequent to the proposals derived from the development study?	Are the development study items reflected in NIA's CORPLAN (10-year plan)?	CORPLAN and developed plans	Distribution of questionnaire sheets, interviews, and review of relevant documents	○				○				
		Have the development study proposals fully contributed to enhancement of farmers' organizations?	Confirmed facts	Distribution of questionnaire sheets and interviews	○								
		Have the development study proposals contributed to improvement of farmers' management of irrigation systems?	1) Roles of farmers' organizations (IAs, etc.) 2) Participation of farmers in these Organizations 3) ISF collection rates	Distribution of questionnaire sheets, interviews, and review of relevant documents	○					○			
Utilization preparation stage	Were the proposals derived from the development study sufficiently applied to project implementation?	Which proposals derived from the development studies (see examples below) were implemented as projects? In which year were they implemented, and what were the financial sources? (1) Expansion and improvement of irrigation facilities (head-works, reused weirs, and canals, etc.) (2) Construction of drainage canals (3) Partial repairs of the Talavera River (4) Improvement of NIA UPRIS system (5) Maintenance and management plans (6) Establishment of farmers' organizations	Project implementation case (Central Luzon Irrigation Project) and contents, verification of facts by rating, and relevant documents of the related projects (IOSP I (World Bank))	Distribution of questionnaire sheets, interviews, and review of relevant documents		○							
		Have the development study proposals been implemented as projects in accordance with technical recommendations? What kind of effects have been produced in the UPRIS irrigation district from implementation of projects in the proposals?	Contents of reports on project implementation cases (1) Expansion of irrigated area (2) Improvement of productivity (3) Income changes, etc.	Review of reports on project implementation cases Distribution of questionnaire sheets, interviews, and review of relevant documents	○					○			

Five criteria	Evaluation items	Specific questions	Data	Collection methods	Japanese organizations		Philippine organizations					International organizations		
					JICA	Consultant	National Economic and Development Authority	National Irrigation Administration (NIA)	NIAOP Members	NIA Region III Office (Bulacan)	NSIC	ADB	WB	
Relevance	At the implementation stage of the development study, was the development study consistent with development plans of the recipient country/region/organization, activities of other donors, and the needs of the beneficiaries?	At the implementation stage of the development study, were the study contents consistent with the development plans of NEDA and NIA?	Contents of the national development plan and CORPLAN	Review of relevant documents, such as national development plans and CORPLAN, etc.	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>						
		At the implementation stage of the development study, was the development study consistent with donors' activities?	Contents of relevant documents	Review of relevant documents	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>				<input type="radio"/>		
		At the implementation stage of the development study, have the needs of the beneficiaries been considered?	Verification of facts by rating (whether implementations involved farmers' organizations, etc.)	Distribution of questionnaire sheets, interviews, and review of relevant documents			<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>				
		Are the projects that have already been implemented consistent with the current development plans and the plans of NIA (CORPLAN)?	Verification of facts by rating, objectives and contents of implemented projects, and CORPLAN	Distribution of questionnaire sheets, and review of relevant documents, such as project implementation reports, national development plans, CORPLAN, etc.			<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>				
		At the time of implementation of evaluation study, could the framework proposed in the development study satisfy current needs?	Are the next-stage studies that have already been implemented consistent with the current development plans and the plans of NIA (CORPLAN)?	Verification of facts by rating, objectives and contents of implemented next-stage studies, and CORPLAN	Distribution of questionnaire sheets, and review of relevant documents, such as study implementation reports, national development plans, CORPLAN, etc.			<input type="radio"/>	<input type="radio"/>					
Sustainability	Is the project proposed in the development study still sustainable?	Which section has present and future responsibilities both technically and financially for maintenance and management of the implemented plan?	Verification of facts	Interviews and review of relevant documents				<input type="radio"/>			<input type="radio"/>			
		Are the beneficiaries technically capable of managing the irrigation and drainage facilities at the field level?	Verification of facts	Interviews and review of relevant documents					<input type="radio"/>			<input type="radio"/>		

Evaluation Grid
Title: Improvement Project for the Operation & Maintenance of National Irrigation Systems (UPRIS) (F/S)

Five criteria	Evaluation items	Specific questions	Data	Collection methods	Japanese organizations		Philippine organizations					International organizations	
					JICA	Consistent	National Economic and Development Authority	National Irrigation Administration (NIA)	NIAOP Members	NIA Office (Davao)	NSIC	ADB	WB
Efficacy	Was the development study implemented in accordance with the scope specified in S/W?	Are there any items not covered by the development study?	Contents of S/W and the final report	Review of the final report and S/W	○					○			
	Was the input sufficient?	Was the input from the Philippine side (human resources, etc.) sufficient?	Contents of the final report	Review of the final report	○	○							
		Was the input from the Japanese side (human resources, etc.) sufficient?	Contents of the final report	Review of the final report	○	○							
	Were the technology transfers sufficient?	Was the study conducted in close collaboration between the Japanese team and the Philippine team?	Verification of facts by rating	Distribution of questionnaire sheets to the former C/P members	○	○							
		What kind of knowledge and skills has the Philippine team acquired?	Contents of technologies transferred	Distribution of questionnaire sheets and interviews	○	○							
	Were communications sufficient?	Has the Japanese team explained the study procedures and progresses in detail?	Verification of related reports by rating	Distribution of questionnaire sheets and interviews	○	○							
		Was the communication between the Japanese team and the Philippine team sufficient?	Verification of facts by rating	Distribution of questionnaire sheets and interviews	○	○							
	Were enough data available?	Were the basic data fully available before starting the study?	Contents of the final report	Review of the final report	○	○							
		Were the quantitative and qualitative data sufficiently collected?	Contents of the final report	Review of the final report	○	○							
	Were links to other studies or projects well-established?	Was the study coordinated with the other donors' projects?	Verification of related reports by rating	Review of the related reports and interviews	○	○							○
Was the development study well-balanced with and sufficiently linked to JICA's other technical cooperation schemes (dispatches of experts and acceptance of trainees, etc.)?		Verification of related reports by rating	Review of the related reports and interviews	○	○								
Effectiveness	Were the proposals compiled after sufficient review?	Were the proposals developed in accordance with adequate technical, economic, social and environmental analyses?	Proposed plans	Review of the final report and interviews	○					○			
		Were the proposals sufficiently feasible for the Philippine side (in terms of both scale and requirements)?	Proposed plans	Review of the final report and interviews	○						○		
	Was the report properly structured and equipped with sufficient content?	Was the final report adequately structured and equipped with sufficient content?	Structure and contents of the final report	Review of the final report and interviews	○						○		

Evaluation Grid

Title: Improvement Project for the Operation & Maintenance of Magat River Integrated Irrigation (M/P)

Five criteria	Evaluation items	Specific questions	Data	Collection methods	Japanese organizations		Philippine organizations					International organizations	
					JICA	Consultant	National Economic and Development Authority	National Irrigation Administration (NIA)	NIA-OP	NIA-OP	NSIC	ADB	WB
Efficiency	Was the development study implemented in accordance with the scope specified in S/W?	Are there any items not covered by the development study?	Contents of S/W and the final report	Review of the final report and S/W	<input type="radio"/>				<input type="radio"/>				
	Was the input sufficient?	Was the input from the Philippine side (human resources, etc.) sufficient?	Contents of the final report	Review of the final report	<input type="radio"/>	<input type="radio"/>							
		Was the input from the Japanese side (human resources, etc.) sufficient?	Contents of the final report	Review of the final report	<input type="radio"/>				<input type="radio"/>				
	Were the technology transfers sufficient?	Was the study conducted in close collaboration between the Japanese team and the Philippine team?	Verification of facts by rating	Distribution of questionnaire sheets to the former O/P members		<input type="radio"/>			<input type="radio"/>				
		What kind of knowledge and skills has the Philippine team acquired?	Contents of technologies transferred	Distribution of questionnaire sheets and interviews	<input type="radio"/>				<input type="radio"/>				
	Were communications sufficient?	Has the Japanese team explained the study procedures and progresses in detail?	Verification of related reports by rating	Distribution of questionnaire sheets and interviews		<input type="radio"/>			<input type="radio"/>				
		Was the communication between the Japanese team and the Philippine team sufficient?	Verification of facts by rating	Distribution of questionnaire sheets and interviews		<input type="radio"/>			<input type="radio"/>				
	Were enough data available?	Were the basic data fully available before starting the study?	Contents of the final report	Review of the final report	<input type="radio"/>	<input type="radio"/>			<input type="radio"/>				
		Were the quantitative and qualitative data sufficiently collected?	Contents of the final report	Review of the final report	<input type="radio"/>								
	Were links to other studies or projects well-established?	Was the study coordinated with the other donors' projects?	Verification of related reports by rating	Review of the related reports and interviews	<input type="radio"/>			<input type="radio"/>		<input type="radio"/>			
Was the development study well-balanced with and sufficiently linked to JICA's other technical cooperation schemes (dispatches of experts and acceptance of trainees, etc.)?		Verification of related reports by rating	Review of the related reports and interviews	<input type="radio"/>									
Effectiveness	Were the proposals compiled after sufficient review?	Were the proposals developed in accordance with adequate technical, economic, social and environmental analyses?	Proposed plans	Review of the final report and interviews	<input type="radio"/>			<input type="radio"/>		<input type="radio"/>			
		Were the proposals sufficiently feasible for the Philippine side (in terms of both scale and requirements)?	Proposed plans	Review of the final report and interviews	<input type="radio"/>			<input type="radio"/>		<input type="radio"/>			
	Was the report properly structured and equipped with sufficient content?	Was the final report adequately structured and equipped with sufficient content?	Structure and contents of the final report	Review of the final report and interviews	<input type="radio"/>			<input type="radio"/>		<input type="radio"/>			

Five criteria	Evaluation items	Specific questions	Data	Collection methods	Japanese organizations		Philippine organizations					International organizations	
					JICA	Consistent	National Economic and Development Authority	National Irrigation Administration (NIA)	MAOP Members	NIAMARIS Office (Bulacan)	NSC	ADB	WB
Impact	What kind of progress has been made aiming at the project implementation and the next-stage studies derived from the proposals of the development study, subsequent to the completion of the study?	Are the development study items reflected in NIA's CORPLAN (10-year plan)?	CORPLAN and developed plans	Distribution of questionnaire sheets, interviews, and review of relevant documents	○			○					
		Have the development study proposals fully contributed to enhancement of farmers' organizations?	Confirmed facts	Distribution of questionnaire sheets and interviews	○			○		○			
		Have the development study proposals contributed to improvement of farmers' management of irrigation systems?	1) Roles of farmers' organizations (IAs, etc.) 2) Participation of farmers in these Organizations 3) ISF collection rates	Distribution of questionnaire sheets, interviews, and review of relevant documents	○			○		○			
Utilization preparation stage	Were the proposals derived from the development study sufficiently applied to project implementation or the next-stage studies?	Which proposals derived from the development studies (see examples below) were implemented as projects and the next-stage studies conducted? In which year were they implemented, and what were the financial sources? (1) Expansion of irrigated areas (2) Improvement of water management (3) Improvement of irrigation facilities (4) Improvement of maintenance and management systems (5) Enhancement of agricultural production and farmers' organizations	Content of the reports on project implementation cases/next-stage studies, and verification of facts by rating, and relevant documents for the related projects IOSP I (World Bank) IOSP II (World Bank) WRDP (World Bank)	Distribution of questionnaire sheets, interviews, and review of relevant documents	○			○					
		Have the development study proposals been implemented as projects in accordance with technical recommendations?	Contents of reports on project implementation cases	Review of reports on project implementation cases	○			○					
		What kind of effects have been produced in the Magat irrigation area from implementation of projects in the proposals?	(1) Expansion of irrigated area (2) Improvement of productivity (3) Income changes, etc.	Distribution of questionnaire sheets, interviews, and review of relevant documents				○		○	○		

Five criteria	Evaluation items	Specific questions	Data	Collection methods	Japanese organizations		Philippine organizations					International organizations	
					JICA	Consultant	National Economic and Development Authority	National Irrigation Administration (NIA)	NIAOP Members	NIA/MARIS Office (Bulacan)	NSIC		
Relevance	At the implementation stage of the development study, was the development study consistent with development plans of the recipient country/region/organization, activities of other donors, and the needs of the beneficiaries?	At the implementation stage of the development study, were the study contents consistent with the development plans of NEDA and NIA?	Contents of the national development plan and CORPLAN	Review of relevant documents, such as national development plans and CORPLAN, etc.	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>			WB	
		At the implementation stage of the development study, was the development study consistent with donors' activities?	Contents of relevant documents	Review of relevant documents	<input type="radio"/>			<input type="radio"/>				<input type="radio"/>	ADB
		At the implementation stage of the development study, have the needs of the beneficiaries been considered?	Verification of facts by rating (whether implementations involved farmers' organizations, etc.)	Distribution of questionnaire sheets, interviews, and review of relevant documents	<input type="radio"/>			<input type="radio"/>	<input type="radio"/>				
		Are the projects that have already been implemented consistent with the current development plans and the plans of NIA (CORPLAN)?	Verification of facts by rating, objectives and contents of implemented projects, and CORPLAN	Distribution of questionnaire sheets, and review of relevant documents, such as project implementation reports, national development plans, CORPLAN, etc.		<input type="radio"/>		<input type="radio"/>					
		Are the next-stage studies that have already been implemented consistent with the current development plans and the plans of NIA (CORPLAN)?	Verification of facts by rating, objectives and contents of implemented next-stage studies, and CORPLAN	Distribution of questionnaire sheets, and review of relevant documents, such as study implementation reports, national development plans, CORPLAN, etc.		<input type="radio"/>		<input type="radio"/>					
Sustainability	Is the project proposed in the development study still sustainable?	Which section has present and future responsibilities both technically and financially for maintenance and management of the implemented plan?	Verification of facts	Interviews and review of relevant documents			<input type="radio"/>	<input type="radio"/>		<input type="radio"/>			
		Are the beneficiaries technically capable of managing the irrigation and drainage facilities at the field level?	Verification of facts	Interviews and review of relevant documents				<input type="radio"/>	<input type="radio"/>		<input type="radio"/>		

