

FOLLOW-UP STUDY OF DEVELOPMENT STUDIES SUMMARY TABLES

March 1991

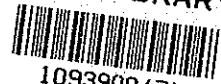
JAPAN INTERNATIONAL COOPERATION AGENCY
AGRICULTURE, FORESTRY AND FISHERIES PLANING AND SURVEY DEPARTMENT

FOLLOW-UP STUDY OF DEVELOPMENT STUDIES SUMMARY TABLES



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SUMMARY TABLES

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JAPAN INTERNATIONAL COOPERATION AGENCY
AGRICULTURE, FORESTRY AND FISHERIES PLANING AND SURVEY DEPARTMENT

国際協力事業団

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II. SUMMARY TABLES (167 Studies) 1 ~ 176

I. INTRODUCTION

1. Background of Summary Tables

(1) Purpose

Summary Tables are prepared for all study projects which are covered by the follow-up study in FY1990. The tables give an easy grasp of the various development studies conducted by JICA, including the current status of progress or utilization of their respective results. Tables in this volume are arranged in order by sector, country, and the FY year of completion. Five other sorting orders are available to facilitate easy reference.¹

(2) Coverage

The follow-up study covers those development studies financed by the overseas technical cooperation budget under the purview of the Agriculture, Forestry and Fisheries Planning and Survey Department of Japan International Cooperation Agency (JICA). A number of studies are excluded from coverage: basic design studies and special project studies conducted as part of the grant aid program; studies which were terminated after their preliminary stage of study; and studies which were initiated by the Overseas Technical Cooperation Agency prior to its incorporation to JICA on August 1, 1974.

The total number of studies initiated by the Department after August 1 of 1974 and completed by the end of FY 1989 (the end of March 1990) comes to 167.

(3) Methods of Study

Information for summary tables is collected in the following manners.

- 1) internal data of JICA
- 2) questionnaires to the consulting firms which undertook development studies

¹ Five sorting orders are as follows:

- 1) country, year of completion, and type of study
- 2) country, sector, and type of study
- 3) country, type of study, and year of completion
- 4) type of study, country, and year of completion
- 5) year of completion, country, and type of study

- 3) JICA's overseas follow-up studies (conducted in Indonesia and Paraguay in FY 1987, Kenya and Thailand in FY 1988, and Malaysia, Tanzania, and Mexico in FY 1989)

The following additional sources of information will or may be utilized in the future.

- 4) Questionnaires to JICA's overseas offices
- 5) enquiry to Japanese embassies and legations abroad (via the Ministry of Foreign Affairs of Japanese government)

2. Guide to Summary Tables

(1) Forms of Summary Tables

Two different forms are used for summary tables.

Form A: studies for formulating master plans (M/P), basic studies, and other studies

Form B: feasibility studies (F/S), and detailed designs (D/D)

In the case of studies which include both M/P and F/S as one and the same study (M/P+F/S), the M/P portion of the study is in Form A and the F/S portion in Form B.

Form A and Form B as shown in Page 2 are divided into three parts. "I. Outline of Study" gives basic facts and figures of the studies. "II. Summary of Study Results" contains findings, proposals and/or proposed projects of each study. "III. Present Status of Use of Study Results" in Form A, or "III. Present Status of Studied Project" in Form B, shows the current status of progress or utilization of the study's proposals or results after the report was submitted.

(2) Contents of Summary Tables

This section describes each item of information on the summary table according to the numbers shown in Page 2.

(Form A)

I. Outline of Study

This section gives basic information of a given study under twelve headings.

I-1 Country

The country is shown by the name listed in the most recent issue (July 1990) of JICA Practical Handbook on Statistics.

I-2 Name of Study

PROJECT SUMMARY (I - 5)

(Form A)

Compiled
Revised

I. OUTLINE OF STUDY		II. SUMMARY OF STUDY RESULTS			III. PRESENT STATUS OF USE OF STUDY RESULTS	
1. COUNTRY I - 1		1. SITE OR AREA II - 1			1. PRESENT STATUS III - 1	
2. NAME OF STUDY I - 2		2. COSTS OF PROPOSED PLAN OR MAJOR PROJECTS (US\$1,000)	Total Cost	Local Cost	Foreign Cost	
3. SECTOR I - 3		3. MAJOR PROJECT(S) PROPOSED II - 3	1) II - 2	II - 2	II - 2	
4. REFERENCE NO. I - 4		4. CONDITIONS AND DEVELOPMENT IMPACTS II - 4	2) II - 4			
5. TYPE OF STUDY I - 5						
6. COUNTERPART AGENCY I - 6						
7. OBJECTIVES OF STUDY I - 7						
8. DATE OF SW I - 8						
9. CONSULTANT(S) I - 9						
10. STUDY TEAM No. of Members Period Total M/M Japan Field	I - 10					
11. ASSOCIATED AND/OR SUBCONTRACTED STUDY I - 11		5. TECHNICAL TRANSFER II - 5				
12. EXPENDITURE Total Contracted	I - 12 (¥000)					

和名 I - 2

(M/P, M/P+(F/S), Basic Study, Other)

PROJECT SUMMARY (I - 5)

(Form B)

Compiled
Revised

I. OUTLINE OF STUDY		II. SUMMARY OF STUDY RESULTS			III. PRESENT STATUS OF STUDIED PROJECT	
1. COUNTRY I - 1		1. SITE OR AREA II - 1			1. PRESENT STATUS III - 1	
2. NAME OF STUDY I - 2		2. PROJECT COSTS (US\$1,000)	Total Cost	Local Cost	Foreign Cost	
3. SECTOR I - 3		3. CONTENTS OF MAJOR PROJECT(S) II - 3	1) II - 2	II - 2	II - 2	
4. REFERENCE NO. I - 4			2) II - 4			
5. TYPE OF STUDY I - 5			3) II - 4			
6. COUNTERPART AGENCY I - 6						
7. OBJECTIVES OF STUDY I - 7						
8. DATE OF SW I - 8						
9. CONSULTANT(S) I - 9						
10. STUDY TEAM No. of Members Period Total M/M Japan Field	I - 10					
11. ASSOCIATED AND/OR SUBCONTRACTED STUDY I - 11		4. FEASIBILITY AND ITS ASSUMPTIONS Feasibility: EIRR Conditions and Development Impacts: II - 4	EIRR II - 3	FERR II - 3		
12. EXPENDITURE Total Contracted	I - 12 (¥000)	5. TECHNICAL TRANSFER II - 5				

和名 I - 2

(M/P, M/P+(F/S), Basic

The name of the study is taken from the title of its report as listed in Bibliography of JICA Publications.

I-3 Sector

The sector is shown by the following classification employed by JICA Practical Handbook on Statistics.

Sector	Subsector	Sub-subsector
1. Agriculture, Forestry and Fisheries	(1) Agriculture	1) General 2) Sericulture 3) Irrigation, Drainage & Reclamation 4) Agricultural Machinery 5) Agricultural Processing 6) Increased Food Production (2KR)
	(2) Animal Husbandry	1) Animal Husbandry 2) Animal Health 3) Livestock Processing
	(3) Forestry	1) Forestry & Forest Conservation 2) Timber Processing
	(4) Fisheries	1) Fisheries 2) Fish Processing

I-4 Reference No.

(At present, there is no entry.)

I-5 Type of Study

Studies are classified into five types as shown below.

Type of Study	Definition
1. M/P	Studies for formulating master plans
2. M/P + F/S	Studies which comprise M/P and F/S
3. F/S	Feasibility studies
4. D/D	Studies for detailed designs
5. Basic Studies	Studies to provide basic data, such as maps of various types, marine charts and groundwater surveys
6. Others	Studies to prepare guidelines, operation manuals and other institutional proposals, including follow-up studies

I-6 Counterpart Agency

An agency of the recipient country which oversees the conduct of the study and/or the executing or operating agency of the project or the plan proposed by the study.

I-7 Objective of Study

Major objectives of the study

I-8 Date of S/W

The date when the scope of work for the study was signed.

I-9 Consultants

The name of the consulting firm which implemented the study (or the name used at the time of the present follow-up study, if the corporate name was changed after the completion of the study)

I-10 Study Team

This column shows (1) the number of team members participated in the study (overseas and domestic), (2) the duration of the study from the beginning date of the first consulting contract through the terminating date of the final contract (or through the date of the publication of the study report), (3) the number of man-months (total, overseas and domestic man-months)

I-11 Associated and/or Subcontracted Study

Ancillary studies such as topographic mapping and drilling, or studies conducted by local subcontractors.

I-12 Expenditure

The upper figure is the total actual expenditure including a preliminary study and other direct costs to JICA. The lower figure only pertains to the expenditure of the contract with a consulting firm.

II. Summary of Study Results

This section summarizes the results of a given study based on the final report under the following five headings.

II-1 Site or Area

The name of the area covered by the plan formulated, or the projects identified, by the study (including the size of the area, population, and other relevant information).

II-2 Costs of Proposed Plan or Major Projects

Figures indicate total costs (in US dollars) necessary to realize the proposed development plan or projects, with breakdown into the local and foreign currency costs and the appropriate exchange

rate. If the proposals contain alternatives or different stages/phases, costs are shown separately.

- II-3 Major Project(s) Proposed
Major projects or major features of the plan proposed by the study.
- II-4 Conditions and Development Impacts
Major assumptions or conditions and anticipated development impacts of the proposed plan or projects.
- II-5 Technical Transfer
Technology transfer to counterpart personnel during the conduct of the study.

III. Present Status of Use of Study Results

This section describes the present status of the use of the study report, mainly the present status of the proposed plan or project(s).

III-1 Present Status

This section classifies the present status of study results and/or proposed projects according to the criteria indicated below, followed by a brief description of the present status. If a study is classified as "in progress or in use," its description need be as specific as possible.

(1) In progress or in use

A study is classified into this category when its results or proposals are satisfactorily utilized in the following manner.

- a. Based on the proposals, more specific and detailed studies are, or have been, undertaken. Or, the study results are utilized to undertake some development study or planning.
- b. Japanese technical cooperation is started on the basis of the proposals or study results.
- c. Proposals are incorporated into the development policy or plan of the recipient country. Or, study results are consulted to formulate the development policy or plan.
- d. The government of the recipient country is taking some preparatory step to utilize the proposals.

(2) Delay

A study is classified as "delay", when its results or proposals are in one of the following conditions.

- a. No significant action has been taken by the government of the recipient country to utilize the proposals or results.

- b. The government of the recipient country began to act on the proposals, or utilize the results, but the effort was halted for some reason.

(3) Discontinued

The government of the recipient country made an explicit decision not to act on the proposals. Or, the government decided to act on, or utilize, different proposals or results from other sources.

III-2 Major Reasons for Present Status

Major reasons for the present status of the study results, be it "in progress or in use," "delay," or "discontinued."

III-3 Principal Sources of Information

The number indicates four different sources of information.

- (1) questionnaires to the consulting firms which conducted the studies
- (2) JICA's overseas follow-up studies
- (3) information from OECF
- (4) others

(Form B)

I. Outline of Study

Same as Form A.

II. Summary of Study Results

II-1 Same as Form A

II-2 Same as Form B

II-3 Contents of Major Projects

This section describes contents of the projects analysed by the feasibility study or by the detailed design study, including the period of project implementation, its feasibility, and EIRR and/or FIRR.

II-4 Same as Form A

II-5 Same as Form B

III. Present Status of the Project

III-1 Present Status

This section classifies the present status of the proposed project(s), followed by a brief description. The criteria for classification is shown in the table below.

Present Status	Criteria
A. Completed or inprogress	
A 1. Completed	The proposed development project has been already implemented and operated.
A 2. Implementing	The implementation of the project is underway.
A 3. Processing	The project is at one of the following stages. 1) Tenders have been invited. 2) Financing of the project has been secured.* 3) Following the completion of the JICA feasibility study, the basic design study or some other specific step is being undertaken with bilateral or multilateral financial assistance. 4) For some other reasons, the project concerned is considered highly likely to be implemented in the future.
B. Promoting	The project concerned is at one of the following stages. 1) The government of the recipient country is requesting financial support from international lending organizations and/or foreign governments including Japan.. 2) The government of the recipient country has been undertaking the detailed design study or other additional studies subsequent to the JICA feasibility study. 3) The recipient country is otherwise actively promoting the implementation of the project.
C. Delayed or Suspended	The project concerned is at one of the following stages. 1) The government of the recipient country has not taken any specific action after the completion of the JICA study. 2) The government of the recipient country has at one point promoted the proposed project but suspended the effort for some reason.

D. Discontinued or Cancelled	The government of the recipient country officially cancelled the proposed project, or implemented the alternative which was substantially different from the proposal of the JICA study.
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* This means either that a loan agreement has been signed, or that the lending has been pledged, or the exchange of note is formally signed, as in the case of the Japan's yen credit program.

III-2 Same as Form A

III-3 Same as Form A

3. List of Studies (Project List)

The name of the study project is shown both in Japanese and in foreign languages (mostly English).

4. List of Cancelled Studies

The list shows those studies which were terminated after preliminary study.

PROJECT LIST

Region	Index	Country	Name of the Study	Study Type	FYear Completed	Sector / Subsector	Present Status	Page
Asia	BGD 301	Bangladesh	Narayanganj-Narsingdi Irrigation Project N-N地区かんがい計画	F/S	1978	Agriculture / General	completed	1
Asia	BGD 302	Bangladesh	North Rajshahi Irrigation Project ラジシャヒ北部かんがい計画	F/S	1988	Agriculture / General	delayed or suspended	2
Asia	BGD 101	Bangladesh	Model Rural Development Project for Homna and Daudkandi Upazila Comilla District モデル農村開発計画	M/P	1989	Agriculture / General	in progress or in use	3
Asia	BTN 301	Bhutan	Luntch - Mongar Integrated Agricultural Development Project ルンチ・モンガル農業総合開発計画	F/S	1988	Agriculture / General	promoting	4
Asia	CHN 301	China	*Sanko Heigen Ryutokyo Model Area Agricultural Development Project 三江平原龍頭橋典型区農業開発計画	F/S	1983	Agriculture / General	implementing	5
Asia	CHN 302	China	*Basic Plan on the Sanjiang Plain Agricultural Experiment Station 三江平原農業総合試験場基本計画	F/S	1984	Agriculture / General	completed	6
Asia	CHN 201B	China	*Lujingxiang Model Stock-farming Project in Gansu Province 甘肅省閩井地区牧畜業開発計画	M/P+F/S	1988	Animal Husbandry / Animal Husbandry	delayed or suspended	7-8
Asia	CHN 303	China	*Irrigation Development Project in Northern Hubei 湖北省北部農業水利開発計画	F/S	1988	Agriculture / General	implementing	9
Asia	CHN 304	China	*Integrated Agricultural Infrastructure Development in Dong Ting Lake Area in Hunan Province 湖南省洞庭湖地区総合水利及び農業開発計画	F/S	1989	Agriculture / General	promoting	10
Asia	IDN 301	Indonesia	Wonogiri Irrigation and Upper Solo River Improvement Project ウオノギリダムかんがい及び河川改修計画	F/S	1976	Agriculture / General	completed	11
Asia	IDN 302	Indonesia	Riam Kanan Irrigation Project リアムカナンかんがい計画	F/S	1979	Agriculture / General	implementing	12
Asia	IDN 303	Indonesia	Langkemme Irrigation Project ランケメかんがい開発計画	F/S	1980	Agriculture / General	implementing	13
Asia	IDN 304	Indonesia	Komering-1 Irrigation Development Project in the Upper Komering River Basin コメリン川上流域農業開発計画	F/S	1981	Agriculture / General	processing	14
Asia	IDN 101	Indonesia	Postharvest Losses 米穀収穫後処理法改善計画	M/P	1982	Agriculture / Agricultural Processing	in progress or in use	15
Asia	IDN 305	Indonesia	Rice Pest Forecasting and Control Project 稲病虫害発生予察防除計画	F/S	1982	Agriculture / General	completed	16
Asia	IDN 306	Indonesia	Rice Seed Production and Distribution Project 稲種子生産・配布計画	F/S	1982	Agriculture / General	processing	17
Asia	IDN 307	Indonesia	Bila Irrigation Project ビラかんがい開発計画	F/S	1982	Agriculture / General	processing	18
Asia	IDN 308	Indonesia	Sanrego Irrigation Project サンレゴかんがい開発計画	F/S	1982	Agriculture / General	implementing	19

PROJECT LIST

Region	Index	Country	Name of the Study	Study Type	FYear Completed	Sector / Subsector	Present Status	Page
Asia	IDN 309	Indonesia	K-C-C Irrigation Development Project K-C-C地区灌漑開発計画	F/S	1983	Agriculture / General	discontinued or cancelled	20
Asia	IDN 501	Indonesia	Mosaic Photomap Project of the Downstream Area of the Negara River Basin in South Kalimantan 南カリマンタン州ネガラ河下流域写真図作成調査	Basic Study	1985	Agriculture / General	in progress or in use	21
Asia	IDN 102	Indonesia	Multiplication and Distribution of Improved Soybean Seed and Seed Potato 主要食用作物生産振興計画	M/P	1987	Agriculture / General	in progress or in use	22
Asia	IDN 310	Indonesia	Batang Kumu Irrigation Project in Riau Province バタンクム農業開発計画	F/S	1988	Agriculture / General	promoting	23
Asia	IDN 103	Indonesia	Negara River Basin Overall Irrigation Development Plan ネガラ河下流域かんがい開発計画	M/P	1989	Agriculture / General	in progress or in use	24
Asia	IDN 104	Indonesia	Improvement of Rice Post Harvest and Marketing in Farmer Groups 収穫後処理及び流通改善計画	M/P	1989	Agriculture / Agricultural Processing	in progress or in use	25
Asia	KOR 301	Korea	(Southwest Coast Agricultural Land Reclamation Project) 西南海岸干拓農地開発計画	F/S	1978	Agriculture / General	delayed or suspended	26
Asia	MYS 201B	Malaysia	Trengganu Swamp Area Integrated Agricultural Development トレンガヌ沼沢地農業総合開発計画	M/P+F/S	1979	Agriculture / General	promoting	27 ~ 28
Asia	MYS 301	Malaysia	Tanjong Karang Irrigation Development Management Project タンジョンカラン灌漑計画	F/S	1987	Agriculture / General	implementing	29
Asia	MYN 301	Myanmar	(South Nawin Irrigation Project) 南ナウインかんがい計画	F/S	1978	Agriculture / General	completed	30
Asia	MYN 101	Myanmar	Irrawaddy Basin Integrated Agricultural Development Project イラワジ川流域農業総合開発計画	M/P	1979	Agriculture / General	in progress or in use	31
Asia	MYN 302	Myanmar	Rice Mill Project ライスミル建設計画	F/S	1979	Agriculture / Agricultural Processing	completed	32
Asia	MYN 303	Myanmar	Okkan Dam Irrigation Project オカンダムかんがい計画	F/S	1981	Agriculture / General	delayed or suspended	33
Asia	NPL 101	Nepal	Integrated Rural Development Project in the Lumbini Zone ルンビニ県農村総合開発計画	M/P	1989	Agriculture / General	in progress or in use	34
Asia	PAK 301	Pakistan	Agricultural Development Project with Widening of Pat Feeder Canal パットフィーダー水路拡張計画	F/S	1982	Agriculture / Irrigation, Drainage & Reclamation	implementing	35
Asia	PAK 101	Pakistan	Integrated Rural Development Project 農村総合開発計画	M/P	1985	Agriculture / General	in progress or in use	36
Asia	PAK 102	Pakistan	Paddy/Rice Handling and Processing Improvement Project 米穀収穫後処理法改善計画	M/P	1986	Agriculture / Agricultural Processing	in progress or in use	37
Asia	PAK 302	Pakistan	Baluchistan Irrigation Development Project through Groundwater Development バルチスタン州地下水かんがい開発計画	F/S	1987	Agriculture / General	delayed or suspended	38

PROJECT LIST

Region	Index	Country	Name of the Study	Study Type	FYear Completed	Sector / Subsector	Present Status	Page
Asia	PAK 303	Pakistan	Upper Kurang River Irrigation Project クラング川上流かんがい開発計画	F/S	1988	Agriculture / General	promoting	39
Asia	PAK 201B	Pakistan	Swat District Integrated Rural Development Project スワット地域農村総合開発計画	M/P+F/S	1989	Agriculture / General	promoting	40 ~ 41
Asia	PHI 301	Philippines	Cagayan Integrated Agricultural Development Project カガヤン農業総合開発	F/S	1976	Agriculture / General	completed	42
Asia	PHI 302	Philippines	Grain Terminal Construction Projects in Manila and Cebu 穀物ターミナルサイロ建設プロジェクト(マニラ・セブ地区)	F/S	1977	Agriculture / Irrigation, Drainage & Reclamation	delayed or suspended	43
Asia	PHI 303	Philippines	Bohol Integrated Agricultural Development Project ボホール農業総合開発計画	F/S	1978	Agriculture / General	implementing	44
Asia	PHI 304	Philippines	Ilocos Norte Irrigation Project : Phase II イロコスノルテかんがい計画	F/S	1980	Agriculture / General	processing	45
Asia	PHI 305	Philippines	Mabini Agricultural Development Project マビニ地区農業開発計画	F/S	1981	Agriculture / General	delayed or suspended	46
Asia	PHI 306	Philippines	Alcogas Project アルコガス計画	F/S	1982	Agriculture / General	delayed or suspended	47
Asia	PHI 307	Philippines	Matuno River Development Project マツノ川開発計画	F/S	1983	Agriculture / General	delayed or suspended	48
Asia	PHI 308	Philippines	Improvement Project of the Operation & Maintenance of National Irrigation Systems (UPRIIS) かんがい組織維持管理強化計画 (UPRIIS)	F/S	1983	Agriculture / General	promoting	49
Asia	PHI 309	Philippines	Improvement Project of the Operation and Maintenance of National Irrigation Systems (AMRIS) かんがい組織維持管理強化計画 (AMRIS、18地区)	F/S	1983	Agriculture / General	completed	50
Asia	PHI 310	Philippines	Gumain River Irrigation Project グマイン川灌漑開発計画	F/S	1984	Agriculture / General	delayed or suspended	51
Asia	PHI 311	Philippines	Asue River Basin Agricultural Development Project アスエ川流域農業開発計画	F/S	1985	Agriculture / General	delayed or suspended	52
Asia	PHI 312	Philippines	Bohol Irrigation Development Project (Phase II) ボホール灌漑開発計画フェーズII	F/S	1985	Agriculture / General	implementing	53
Asia	PHI 101	Philippines	Improvement Project of the O & M of Magat River Integrated Irrigation System マガットかんがいシステム維持管理強化計画	M/P	1987	Agriculture / General	delayed	54
Asia	PHI 102	Philippines	Integrated Agricultural/Rural Development Project in Western Samar 西サマール農村総合開発計画	M/P	1988	Agriculture / General	in progress or in use	55
Asia	PHI 313	Philippines	Highland Integrated Rural Development Project in La Trinidad, Province of Benguet トリニダット高地農村総合開発計画	F/S	1988	Agriculture / General	implementing	56
Asia	PHI 314	Philippines	Improvement of Operation and Maintenance in Pumping Irrigation Systems ポンプ灌漑施設維持管理改善計画	F/S	1988	Agriculture / Irrigation, Drainage & Reclamation	promoting	57

PROJECT LIST

Region	Index	Country	Name of the Study	Study Type	FYear Completed	Sector / Subsector	Present Status	Page
Asia	PHI 103	Philippines	Small Water Impounding Management (SWIM) Project 農業用小規模ため池整備計画	M/P	1989	Agriculture / Irrigation, Drainage & Reclamation	in progress or in use	58
Asia	PHI 201B	Philippines	Integrated Agricultural Development Project in Marinduque マリンドゥエ農業総合開発計画	M/P+F/S	1989	Agriculture / General	processing	59 - 60
Asia	LKA 301	Sri Lanka	Inginimitiya Reservoir Project インギニミチャ灌がいダム計画	F/S	1977	Agriculture / General	completed	61
Asia	LKA 302	Sri Lanka	Moragahakanda Agricultural Development Project モラガハカンド農業開発計画	F/S	1979	Agriculture / General	processing	62
Asia	LKA 303	Sri Lanka	(Mahaweli Ganga Agricultural Development: System C) マハヴェリ農業開発計画システムC地区	F/S	1981	Agriculture / General	completed	63
Asia	LKA 304	Sri Lanka	Rehabilitation of Tank Irrigation Project 農業用貯水池復旧計画	F/S	1985	Agriculture / Irrigation, Drainage & Reclamation	completed	64
Asia	LKA 101	Sri Lanka	Integrated Rural Development Project for Gampaha District ガンパハ県農村総合開発計画	M/P	1987	Agriculture / General	in progress or in use	65
Asia	LKA 201B	Sri Lanka	Extension of the Moragahakanda Agricultural Development Project モラガハカンド農業開発計画	M/P+F/S	1989	Agriculture / General	promoting	66 - 67
Asia	THA 301	Thailand	Irrigated Agricultural Development Project in the West Bank Tract of the Greater Chao Phraya チャオピヤ川西岸地区かんがい農業開発計画	F/S	1977	Agriculture / General	implementing	68
Asia	THA 101	Thailand	(Irrigated Agricultural Development in the Greater Mae Klong River) メクロン川マスタープラン	M/P	1979	Agriculture / General	in progress or in use	69
Asia	THA 302	Thailand	Kamphaeng Saen Irrigated Agriculture Development Project in the Mae Klong River Basin メクロン川流域カンバンセンかんがい農業開発	F/S	1979	Agriculture / General	delayed or suspended	70
Asia	THA 303	Thailand	Mae Wang-Kew Lom Irrigated Agriculture Development Project メワンかんがい農業開発計画	F/S	1979	Agriculture / General	delayed or suspended	71
Asia	THA 201B	Thailand	Agricultural Cooperative Promotion 農業協同組合組織育成計画	M/P+F/S	1980	Agriculture / General	completed	72 - 73
Asia	THA 304	Thailand	Phetchaburi-Kaeng Krachan Irrigated Agriculture Development Project ベチャブリかんがい農業開発計画	F/S	1981	Agriculture / General	delayed or suspended	74
Asia	THA 305	Thailand	Mae Kuang Irrigated Agriculture Development Project メイクワンかんがい農業開発計画	F/S	1981	Agriculture / General	completed	75
Asia	THA 306	Thailand	Kaeng Khoi-Ban Mo Pumping Irrigation Project ケンコイ・バンモーポンプかんがい計画	F/S	1981	Agriculture / General	promoting	76
Asia	THA 307	Thailand	Upper Pasak Medium Scale Irrigation Project パスック河上流中規模灌漑計画	F/S	1982	Agriculture / General	implementing	77
Asia	THA 308	Thailand	Mae Chang Irrigation Project メチャンかんがい農業開発計画	F/S	1983	Agriculture / General	delayed or suspended	78

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Asia	THA 309	Thailand	Lower Northeast Medium Scale Irrigation Package Project 東北タイ南部中規模かんがいパッケージプロジェクト	F/S	1984	Agriculture / General	implementing	79
Asia	THA 310	Thailand	Comprehensive Storage Facilities Development Project (Phase II) 穀物貯蔵施設整備拡充計画 Phase II	F/S	1985	Agriculture / General	discontinued or cancelled	80
Asia	THA 311	Thailand	Sakae Krang River Basin Irrigation Project サカエ克蘭川流域灌漑計画	F/S	1985	Agriculture / General	promoting	81
Asia	THA 312	Thailand	Bang Nara Irrigation and Drainage Project バンナラ川かんがい排水計画	F/S	1986	Agriculture / General	completed	82
Asia	THA 202B	Thailand	Agricultural Land and Conservation for Integrated Rural Development in the East 東部タイ農地保全総合開発計画	M/P+F/S	1988	Agriculture / General	processing	83 ~ 84
Asia	THA 102	Thailand	Sebai-Sebok Basin Development Project セバイ・セボック流域開発計画	M/P	1989	Agriculture / General	in progress or in use	85
Asia	THA 103	Thailand	Water Management System and Monitoring Program in Chao Phraya River Basin チャオピア川流域水管理システムおよび監視計画	M/P	1989	Agriculture / General	in progress or in use	86
Asia	THA 313	Thailand	Agricultural Water Development Project in Chantaburi River Basin チャンタブリ川流域農業水利開発計画	F/S	1989	Agriculture / General	promoting	87
Middle East	DZA 301	Algeria	Projet d'aménagement agricole de la region pripherique du Lac Fetzara フェツアラ湖周辺地域農業開発計画	F/S	1985	Agriculture / General	delayed or suspended	88
Middle East	EGY 301	Egypt	South Hussinia Valley Agricultural Development Project 南部ホサイニア・バレイ農業開発計画	F/S	1980	Agriculture / General	completed	89
Middle East	EGY 302	Egypt	Tenth of Ramadan Agricultural Development Project テンスオブラマダン地区農業開発計画	F/S	1982	Agriculture / General	promoting	90
Middle East	EGY 303	Egypt	Cold Storage Chain Development Project 食肉冷蔵供給開発計画	F/S	1983	Animal Husbandry / Livestock Processing	delayed or suspended	91
Middle East	EGY 304	Egypt	North Hussinia Valley & South Port Said Agricultural Development Project 北部ホサイニア及びポートサイド南部農業開発計画	F/S	1984	Agriculture / General	delayed or suspended	92
Middle East	EGY 305	Egypt	South Hussinia Valley Agricultural Development Project:Phase II 南部ホサイニア・バレイ農業開発計画、Phase II	F/S	1984	Agriculture / General	implementing	93
Middle East	EGY 306	Egypt	Fayoum Agricultural Development Project ファユーム農業開発計画	F/S	1984	Agriculture / General	delayed or suspended	94
Middle East	EGY 201B	Egypt	North Sinai Integrated Rural Development 北シナイ農村総合開発計画	M/P+F/S	1989	Agriculture / General	delayed or suspended	95 ~ 96
Middle East	IRN 101	Iran	Caspian Sea Coastal Area Agricultural Development Project カスピ海沿岸地域農業開発計画	M/P	1986	Agriculture / General	in progress or in use	97
Middle East	IRQ 301	Iraq	Kahla Rice Farm Project カハラ稲作農場計画	F/S	1979	Agriculture / General	delayed or suspended	98

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Middle East	JOR 301	Jordan	Wadi Arab Dam and Irrigation Project ワディアラブ・ダムかんがい計画	F/S	1976	Agriculture / General	completed	99
Middle East	MAR 301	Morocco	Projet d'exploitation des eaux souterraines en vue de developpement rural dans la province d'Oujda ウジュダ州地下水/農村開発計画	F/S	1986	Agriculture / General	processing	100
Middle East	OMN 301	Oman	Wadi Jizzi Agricultural Development Project ワジ・ジジ農業開発計画	F/S	1982	Agriculture / General	implementing	101
Middle East	OMN 401	Oman	Wadi Jizzi Agricultural Development Project ワジ・ジジ農業開発計画実施設計調査	D/D	1986	Agriculture / Irrigation, Drainage & Reclamation	completed	102
Middle East	OMN 101	Oman	Agriculture Development Project in the Nejd Region ネジド地方農業開発計画	M/P	1989	Agriculture / General	in progress or in use	103
Middle East	SDN 301	Sudan	Rice Development Project in Abu Gasaba Basin アブ・ガサバ地区農業開発計画	F/S	1978	Agriculture / General	completed	104
Middle East	TUR 301	Turkey	Adatepe Irrigation Project アダテペ灌漑開発計画	F/S	1989	Agriculture / General	delayed or suspended	105
Middle East	YEM 101	Yemen	Hajjah Province Integrated Rural Development ハッジヤ州農業総合開発計画	M/P	1979	Agriculture / General	in progress or in use	106
Africa	CMR 301	Cameroon	Baigom Agricultural Development Project バイゴム農業開発計画	F/S	1986	Agriculture / General	promoting	107
Africa	GHA 301	Ghana	Aveyime Sugar Production Project in Accra Plains アクラ平原アベメ砂糖生産プロジェクト	F/S	1976	Agriculture / General	delayed or suspended	108
Africa	GIN 301	Guinea	Projet de developpement agricole a Kankan カンカン地区農業開発計画	F/S	1980	Agriculture / General	delayed or suspended	109
Africa	KEN 301	Kenya	(Grain Silos Construction Project) 穀物貯蔵倉庫建設計画	F/S	1981	Agriculture / General	completed	110
Africa	KEN 302	Kenya	Mwea Irrigation Development Project ムエア地区灌漑開発計画	F/S	1987	Agriculture / General	implementing	111
Africa	MLI 301	Mali	Projet de developpement du perimetre de Bagueda バギンダ地区農業開発計画	F/S	1981	Agriculture / General	completed	112
Africa	MLI 302	Mali	Bagueda Agricultural Development Project (Updating Study) バギンダ地区農業開発計画実施補完調査	F/S	1985	Agriculture / General	completed	113
Africa	NER 301	Niger	Amenagement hydro-agricole de la cuvette de Kourani-Baria クラニ・バリア灌漑農業開発計画	F/S	1983	Agriculture / General	completed	114
Africa	NER 101	Niger	Rehabilitation of Ouailam Area ウアラム農村復興計画	M/P	1989	Agriculture / General	in progress or in use	115
Africa	NER 302	Niger	Projet d'aménagement hydroagricole de la cuvette d'Ouna-Kouanza ウナ・クワンザ農業水利整備計画	F/S	1989	Agriculture / General	promoting	116

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Africa	NGA 301	Nigeria	Agricultural Development Projects in Imo and Bendel States イモ州およびベネデル州農業開発計画	F/S	1977	Agriculture / General	delayed or suspended	117
Africa	SEN 301	Senegal	Projet de developpement rural de petite envergure et de l'etude experimentale du developpement agricole(Thiago-Guiers) 小規模農村開発計画	F/S	1986	Agriculture / General	completed	118
Africa	SLE 301	Sierra Leone	Rhombe Swamp Agricultural Development Project ロンベ沼沢地農業開発計画	F/S	1983	Agriculture / General	delayed or suspended	119
Africa	TZA 301	Tanzania	Lower-Moshi Agricultural Development Project ローアモシ農業開発計画	F/S	1980	Agriculture / General	completed	120
Africa	TZA 302	Tanzania	Mkomazi Valley Area Irrigation Development Project ムコマジバレイ農業用水開発計画	F/S	1983	Agriculture / General	completed	121
Africa	ZIM 301	Zimbabwe	Medium Size Dams in Masvingo Province マシング州中規模かんがい計画	F/S	1987	Agriculture / General	implementing	122
Mid. & Sou. America	ARG 101	Argentina	Proyecto de desarrollo agricola integrado en el area adyacente a la represa de Yacyreta e la provincia de Corrientes ヤシレタダム隣接地域農業総合開発計画	M/P	1988	Agriculture / General	delayed	123
Mid. & Sou. America	BOL 501	Bolivia	(Land Use Mapping Project for Chapare Area) チャパレー地区土地利用図作成	Basic Study	1979	Agriculture / General	discontinued	124
Mid. & Sou. America	CHL 301	Chile	Mapocho River Basin Agricultural Development Project マポーチョ川流域農業開発計画	F/S	1986	Agriculture / General	delayed or suspended	125
Mid. & Sou. America	CHL 302	Chile	Proyecto de desarrollo agricola mediante aprovechamiento de aguas subterraneas en Tololo Pampa en la region de Atacama トロロ・パンパ地下水農業開発計画	F/S	1988	Agriculture / General	implementing	126
Mid. & Sou. America	COL 301	Colombia	Pamplonita River Basin Agricultural Development Project パンプロニータ川流域農業開発計画	F/S	1984	Agriculture / General	completed	127
Mid. & Sou. America	COL 302	Colombia	Small Scale Irrigation Package Project in Slope Area 傾斜地小規模かんがい計画	F/S	1986	Agriculture / General	completed	128
Mid. & Sou. America	COL 101	Colombia	Quindio Basin Integrated Agricultural Development Project キンディオ盆地農業総合開発計画	M/P	1988	Agriculture / General	in progress or in use	129
Mid. & Sou. America	COL 303	Colombia	ARIARI River Basin Integrated Agricultural Development Project アリアリ川農業総合開発計画	F/S	1989	Agriculture / General	promoting	130
Mid. & Sou. America	CRI 201B	Costa Rica	Limon Integrated Agricultural Development Project リモン地区農業総合開発計画	M/P+F/S	1988	Agriculture / General	promoting	131 ~ 132
Mid. & Sou. America	DOM 301	Dominican Republic	Proyecto del desarrollo agricola del area Aglipo(El Pozo) アグリポ(エルポソ)地域農業開発計画	F/S	1981	Agriculture / General	completed	133
Mid. & Sou. America	DOM 302	Dominican Republic	Aguacate-Guayabo Agricultural Development Project アグアカテ・グアジャボ地域農業開発計画	F/S	1986	Agriculture / General	delayed or suspended	134

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Mid. & Sou. America	ECU 301	Ecuador	Proyecto Catarama de desarrollo agricola コスタ地区カタラマ川流域農業開発計画	F/S	1982	Agriculture / General	processing	135
Mid. & Sou. America	GTM 301	Guatemala	Monjas Irrigation Project モンハスかんがい計画	F/S	1988	Agriculture / General	promoting	136
Mid. & Sou. America	HND 301	Honduras	Agricultural Development in the Choluteca River Basin Chololテカ川流域農業開発計画	F/S	1978	Agriculture / General	processing	137
Mid. & Sou. America	HND 302	Honduras	Choluteca River Basin Agricultural Development Project (Updating Study) Chololテカ川流域農業開発計画補完調査	F/S	1984	Agriculture / General	processing	138
Mid. & Sou. America	HND 303	Honduras	Aguan Valley Agricultural Development Project (Saba-Olanchito Area) アグアン川流域農業開発計画	F/S	1985	Agriculture / General	delayed or suspended	139
Mid. & Sou. America	JAM 301	Jamaica	Agricultural Development Project on the Black River Lower Morass ブラックリバーローアモラス農業開発計画	F/S	1985	Agriculture / General	delayed or suspended	140
Mid. & Sou. America	JAM 302	Jamaica	Modernization and Expansion of the Rio Cobre Irrigation Scheme リオ・コブレ農業開発計画	F/S	1987	Agriculture / General	implementing	141
Mid. & Sou. America	PRY 301	Paraguay	Proyecto de desarrollo agricola en la zona noroeste del lago Ypoa イボア湖北西部農業開発計画	F/S	1981	Agriculture / General	delayed or suspended	142
Mid. & Sou. America	PRY 101	Paraguay	Irrigation and Drainage Project in the Adjacent Area to the Yacyreta Dam ヤシレタダム隣接地域農業総合開発計画	M/P	1984	Agriculture / General	delayed	143
Mid. & Sou. America	PRY 102	Paraguay	Proyecto de aumento de la produccion de granos principales en el area central del departamento de Itapua イタプア県中部地域主要穀物増産計画	M/P	1987	Agriculture / General	in progress or in use	144
Mid. & Sou. America	PRY 302	Paraguay	Integrated Rural Infrastructure Improvement Project in La Colmena ラ・コルメナ地区農村総合整備計画	F/S	1989	Agriculture / General	processing	145
Mid. & Sou. America	PER 301	Peru	Chancay-Huzral Valley Rehabilitation Project チャンカイ・ワラル谷かんがい復旧計画	F/S	1984	Agriculture / General	implementing	146
Asia	IDN R501	Indonesia	Forest Inventory for Management and Logging in Central Java 中部ジャワ州ブカロンガン林業資源調査	Basic Study	1977	Forestry / Forestry & Forest Conservation	in progress or in use	147
Asia	IDN R101	Indonesia	Watershed Management Plan in Upper Musi Watershed South Sumatra 南スマトラ州ムシ河上流流域管理計画	M/P	1980	Forestry / Forestry & Forest Conservation	in progress or in use	148
Asia	IDN R301	Indonesia	Industrial Plantation Forest Development Plan in South Sumatra Area 産業造林計画	F/S	1989	Forestry / Forestry & Forest Conservation	promoting	149
Asia	MYS R301	Malaysia	Afforestation and Settlement Project in Division V of the Bengkoka Area of the State of Sabah サバ州ベンコカ地区造林・入植計画	F/S	1984	Forestry / Forestry & Forest Conservation	implementing	150
Asia	PHI R601	Philippines	Preparation of Forest Information in Wide Area and Forest Management Planning 広域森林情報分析管理計画	Other	1988	Forestry / Forestry & Forest Conservation	delayed	151

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Asia	THA R101	Thailand	Aerial Photography and Forest Management Plan in the Encroached National Reserve Forest 国有林管理計画	M/P	1987	Forestry / Forestry & Forest Conservation	in progress or in use	152
Africa	TZA R601	Tanzania	(Forestry Development and Afforestation Project in Kilimanjaro Region) キリマンジャロ林業開発計画	Other	1988	Forestry / Forestry & Forest Conservation	in progress or in use	153
Mid. & Sou. America	ECU R501	Ecuador	Estudio forestal de la region noreste 北東部林業資源調査	Basic Study	1988	Forestry / Forestry & Forest Conservation	in progress or in use	154
Mid. & Sou. America	HND R501	Honduras	Inventario forestal del distrito forestal de La Mosquitia ラ・モスキチア地区林業資源調査	Basic Study	1982	Forestry / Forestry & Forest Conservation	in progress or in use	155
Mid. & Sou. America	PAN R501	Panama	Inventario forestal del distrito de Donoso 林業資源調査	Basic Study	1984	Forestry / Forestry & Forest Conservation	in progress or in use	156
Mid. & Sou. America	PRY R501	Paraguay	Forest Inventory in the Northeastern Region 北東部林業資源調査	Basic Study	1983	Forestry / Forestry & Forest Conservation	in progress or in use	157
Mid. & Sou. America	PRY R301	Paraguay	Proyecto de reforestacion en la zona de Capiibary, Departamento de San Pedro カピバリ地区森林造成計画	F/S	1984	Forestry / Forestry & Forest Conservation	implementing	158
Mid. & Sou. America	URY R101	Uruguay	Establecimiento de plantaciones de arboles ya utilizacion de la madera plantada 造林・木材利用計画	M/P	1986	Forestry / Forestry & Forest Conservation	in progress or in use	159
Oceania	FJI R501	Fiji	Analytical Survey of Coconut Forests in Taveuni Island 林業開発(TAVEUNI島ココナッツ林解析調査)	Basic Study	1977	Forestry / Forestry & Forest Conservation	in progress or in use	160
Oceania	FJI R502	Fiji	The Survey for Forest Development in Fiji 林業資源調査	Basic Study	1981	Forestry / Forestry & Forest Conservation	in progress or in use	161
Asia	PHI S501	Philippines	Fish Finding (skipjack) Survey 水産資源開発調査	Basic Study	1977	Fisheries / Fisheries	in progress or in use	162
Asia	PHI S602	Philippines	Review on the Feasibility Study of Fishing Port Package-1 漁港整備計画レビュー調査	Other	1978	Fisheries / Fisheries	delayed	163
Asia	PHI S101	Philippines	Nationwide Ice Plants and Cold Storages Network System 水産物流通システム整備計画	M/P	1984	Fisheries / Fisheries	in progress or in use	164
Asia	PHI S102	Philippines	Fish Transport System 水産物輸送システム総合計画	M/P	1989	Fisheries / Fisheries	delayed	165
Asia	LKA S101	Sri Lanka	Sand Drift in the Southeastern Coast 南東部沿岸源砂調査	M/P	1989	Fisheries / Fisheries	in progress or in use	166
Middle East	ARE S401	United Arab Emirates	(Mariculture Center) 水産増養殖センター建設計画	D/D	1980	Fisheries / Fisheries	completed	167
Africa	GAB S601	Gabon	(Fisheries Resources Survey) 水産資源沿岸調査	Other	1983	Fisheries / Fisheries	discontinued	168
Mid. & Sou. America	COL S501	Colombia	(Fisheries Resources Survey) 水産資源調査	Basic Study	1980	Fisheries / Fisheries	in progress or in use	169

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Mid. & Sou. America	CRI S501	Costa Rica	Fisheries Resources Survey of the Pacific Coast 太平洋沿岸水產資源調查	Basic Study	1988	Fisheries / Fisheries	in progress or in use	170
Mid. & Sou. America	HND S501	Honduras	(Fisheries Resources Survey) 水產資源調查	Basic Study	1983	Fisheries / Fisheries	in progress or in use	171
Mid. & Sou. America	PAN S501	Panama	(Fisheries Resources Survey of the Atlantic Coast) 大西洋岸漁業資源調查	Basic Study	1983	Fisheries / Fisheries	in progress or in use	172
Mid. & Sou. America	PER S301	Peru	Proyecto de la construccion del complejo pesquero del centro 中部漁業綜合基地建設計畫	F/S	1977	Fisheries / Fisheries	delayed or suspended	173
Oceania	FJI S501	Fiji, Tuvalu	Fisheries Resources Survey in Fiji and Tuvalu 水產資源調查	Basic Study	1986	Fisheries / Fisheries	in progress or in use	174
Oceania	KIR S501	Kiribati	Fishery Resources in the Gilbert Islands 水產資源調查	Basic Study	1978	Fisheries / Fisheries	in progress or in use	175
Oceania	PNG S301	Papua New Guinea	(Fishing Base Construction Project) 漁業基地建設計畫	F/S	1977	Fisheries / Fisheries	delayed or suspended	176

LIST OF CANCELLED STUDIES

COUNTRY	FY YEAR	NAME OF STUDY
India	1978	Agricultural Technical Cooperation (農業技術協力調査)
Indonesia	1980	Malunda Timber Processing and Marketing Estate Project (マルンダ木材加工流通団地計画)
Indonesia	1980	Assistance for Increased Paddy Production (米増産協力調査)
Indonesia	1980, 82	Utilization of Unutilized Tree Species (Asahan) (アサハン) 未利用樹利用開発計画)
Sri Lanka	1981	Rice Bran Oil Mill Project (米ぬか油製造計画)
Thailand	1981	Agricultural Cooperation (農業協力調査)
Thailand	1982	Agricultural Cooperation for Northeastern Thailand (東北タイ農業協力調査)
United Arab Emirates	1979	Orchard Development ((長期調査) 果樹園建設計画)
Ghana	1987	Rehabilitation of Irrigation Systems (アスチュアレ地区灌漑施設修復計画)
Kenya	1982	Bula East Irrigation Project (ブライースト灌漑計画)
Madagascar	1986	Fianarantsoa Agricultural Development Project (フィアナランツォア農業開発計画)
Zambia	1982	State Farm Development Project (カンピロンピロステートファーム開発計画)
Brazil	1978	Fishery Resources Survey (水産資源調査 (陸上調査))
Colombia	1976	Forest Development Project (森林造成事業)
Colombia	1986	Agricultural Rehabilitation in Northern Tolima (トリマ県北部農業復興計画)