

### 3. Objectives

### Annex 3. Performance Grid

Annex3-3

Target	Indicators	Means of Verification	Achievement Status as of Evaluation Time	Achievement at the end of the Project (Forecast)
<b>Achievement of Super Goal (Forecast)</b>				
Water-induced disasters will be mitigated through Water-induced disasters will be mitigated through improved effectiveness of disaster prevention facilities and structures constructed or/and maintained by the DPWH in accordance with technical standards guidelines (TSG), technical manuals and guidelines, and flood & sediment control measures developed by the Project	Disaster prevention facilities and structures constructed or/and maintained by trained personnel of the DPWH in accordance with technical standards and guidelines (TSG), technical manuals and guidelines formulated and produced by the project prove their effectiveness within projected limits.	1. Damage Assessment Report 2. Monitoring Report	Indicators are not available and too early to predict.	<p>GP comments:</p> <p>Basically, our government have limited budget, therefore it takes time to realize a comprehensive and integrated flood control system nationwide.</p> <p>With the assumption that priority in the construction of flood control and sabo facilities in DPWH is drastically increased.</p> <p>If DPWH will give appropriate attention to the construction of flood control and sabo facilities, I think this will be attained within 10 years.</p>

\* Achievement forecast  
A: Will be achieved B: May be achieved  
C: Difficult to be achieved

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Target	Indicators	Means of Verification	Achievement Status as of Evaluation Time	Achievement at the end of the Project (Forecast)
2-3 Engineers of 10 offices/year are trained for maintenance	2-3 Records on training	Carried out in 7 offices		The Training for maintenance of 7 offices were carried out before issuance of the said Administration Order, and now the training is stopped , but it is possible to achieve the indicator .
Overall Achievement of Overall Goal Forecast				If DPWH can continue to put resources (fund and personnel) into the project Overall Goal can be achieved within 10 years. However it is not clear whether DPWH can secure the necessary fund under the current austerity financial situation.
Achievement of Project Purpose(Forecast)				
Capability of the selected DPWH offices in planning, design, construction and maintenance of flood control and sabo structures will be enhanced in order to cope with water- induced disasters	The DPWH and its selected regional and project offices, where trained personnel are attached will commence survey, planning, design, supervision and maintenance operations of flood control and sabo structures in accordance with the technical standards and guidelines (TSG), technical manuals and guidelines produced by the project.	1.Distribution of record of technical standards and guidelines (TSG), technical manuals and guidelines.	distributed to all RO offices completed	
		2.Monitoring report on usage of technical standards and guidelines (TSG), technical	not started	The manuals and guidelines distributed are really utilized. In addition, it is necessary to have fund to carry out the monitoring, however the fund for allowance is not granted. It is necessary to formulate a method of monitoring to make it simple and easy.

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		3. Allocation list of personnel trained.	According to the interview, trained engineers are engaged fundamentally in the design of flood control structures. Because of a little work for flood control and sabo structure, many trained engineers engage in road construction. It is influenced by the budget of local office.	Not make a list of personnel trained. With increase of the staff who took the training, the result will have been made in planning, designing, construction and maintenance.
		4. List of flood control and sabo structures that were planned, designed, constructed and being maintained by trained engineers of the DPWH	Give a technical advice for inquiries from a local office to FCSEC.	The same as above
		Overall Achievement of Project Purpose Forecast		<p>Due to the Presidential Decree No.103 of austerity measures, budget for training of public servants became difficult to be disbursed and training courses became impossible to be excuted. Thus the indicators for Output 2 of PDM are difficult to be achieved. Other indicators are likely to be achieved. The project purpose will generally be achieved. It is sure that "Capability of the selected DPWH offices in planning, design, construction and maintenance of flood control and sabo structures will be enhanced". But "in order to cope with water-induced disasters", it is important to have experience in implementation of actual projects, in addition to knowledge obtained through the classroom lectures. The project is applying to the authorities the exemption of this project training courses from the austewrty measure on the one side, and on the other hand endeavouring to make the technical capability of counterpart personnel by proceeding various experiments at hydrology laboratory and reviewing already completed technical documents, etc.</p> <p>However, plan and implementation of training courses is not only diffusing the technology to wider area but also strengthens technical capability of counterpart personnel. The effort to realize further training courses by all parties are needed.</p>

\* Achievement forecast  
A: Will be achieved B: May be achieved  
C: Difficult to be achieved

A3-3

### 3. Objectives

#### Annex 3. Performance Grid

Annex3-3

Target	Indicators	Means of Verification	Achievement Status as of Evaluation Time	Achievement at the end of the Project (Forecast)
Achievement of Project Outputs				
1.The technical manuals and guidelines in the field of construction and maintenance of flood control structures will be upgraded and be made available for use by all concerned.	1-1 The technical manual(s) for construction supervision for flood control structures is produced.  1-2 The technical guideline(s) for maintenance operations for flood control structures is produced.	1-1 List of technical manuals produced  1-2 List of technical guidelines produced	The manual(s) were formulated and obtained approval from DPWH (before a printing )  Reviewing the Final Draft. More than 95% of it is completed.	Construction supervision manual is now under printing and will be distributed to all local offices, bureaus and PMOs of DPWH in near future.  Maintenance manual is 95% completed and training course for 7 local offices were already made using the draft manuals. It will be completed by the end of the Project.
2.Sufficient number of the personnel of the selected DPWH offices will be trained.	2-1 Engineers of 50 offices are trained for structural designing/planning through OJT.  2-2 Engineers of 30 offices are trained for construction supervision  2-3 Engineers of 30 offices are trained for maintenance  2-4Training curriculum for the courses of construction supervision and maintenance will be formulated	2-1 Records on training  2-2 Records on training  2-3 Records on training  2-4 Training Curriculum completed	Trainings are consisting of three steps. Those who completed the classroom ecture step are 66 offices, and the practical lecture on-site for 43 officse and the OJT for 27 offices.  Now not started yet, but is scheduled to be enforced in January, next year  Carried out 7 offices  The same as above	By the project end, the training of 50 offices is to be completed for all three steps. But now all trainings / business trips were suspended by Administrative Order 103 issued on August 31, 2004. FCSEC has undertaken some action to resolve this matter. FCSEC requested for some exemption from the Office of the President, which until now, is still in process.  On the other hand, the trainings that were completed so far are only in Luzon island. More budget and more time to complete training activities in areas out of the Luzon is

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A: Will be achieved B: May be achieved  
C: Difficult to be achieved

A3-4

## Annex 3. Performance Grid

## 3. Objectives

Target	Indicators	Means of Verification	Achievement Status as of Evaluation Time	Achievement at the end of the Project (Forecast)
3. Recommendations shall be made through Research and Development activities, and information from damaged structure-profiling database.	3-1 Recommendations shall be made for further improvement in design of flood control structures in relevant regions	3-1 List of recommendations made	Recommendation for sediment movement of minute particles of sand and recommendation for planning/design of spur dike on the basis of hydraulic laboratory experiment is now carried out. There will be two more recommendations by March 2005. In addition, recommendation for improvement of River on basis of Hydrological measurement is now inputted of analysis which is necessary to be done until May, 2005.	CP mastered fundamental measurement of investigation/study (hydraulic laboratory experiments, etc.) to be necessary for recommendation. But still need more time till CP carry out investigation and study by own effort and make recommendation.
	3-2 Recommendations shall be made for further revisions/modifications/updating of the technical standard guidelines and manuals	3-2 List of recommendations made	Carrying out the hydraulic laboratory experiment is necessary in recommending to revise a planning/design of flood control structures in the technical standards. Recommendation will be made twice by March, 2005.	CP should gain skill in fundamental measurement of investigation/study ( hydraulic laboratory experiments, etc.) to be necessary for recommendation. But still need more time till CP carry out investigation and study by own effort and make recommendation.
	3-3 Reasonably sufficient numbers of data of damaged structure profiling are added to the database	3-3 Data base	After the Stage1 end, databases of 29 damaged structures was made in Stage2.	completed
	3-4 Recommendations shall be made for further improvement/modifications in training program and training materials	3-4 List of recommendations made	Now examining the collected information and if necessary, will be improved/revised.	The Capability of CP to understand the Training materials has improved very much. But still there is need for more time till CP carry out revise and improve these materials on their own.

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### 3. Objectives

#### Annex 3. Performance Grid

Annex3-3

Target	Indicators	Means of Verification	Achievement Status as of Evaluation Time	Achievement at the end of the Project (Forecast)
4. The DPWH will have an internal mechanism to extend the technical standards, guideline, manuals and other outputs of the project throughout all relevant offices of the DPWH for effective implementation of flood control projects.	4-1 Technical committee headed by undersecretary is created in DPWH and draw up a plan for continuation of improvement action	4-1 Copy of memoranda of the creation of committee	The technical committee is not yet formed. A request for the permanent organization of FCSEC in July, 2002 is submitted, but has no answer yet. FCSEC is preparing one more request on December, 2004.	JCC takes a role of a Technical Committee, and it is assumed that there is no necessity for the technical committee establishment for FCSEC.
	4-2 Technical manuals and guidelines will be authorized by the DPWH.	4-2 Copy of memoranda of the authorization	The published 16 kinds of technical standards / guidelines, manuals and references are authorized by DPWH.	Only Construction Supervision manual(s) has not yet acquired the signature of the secretary, but it is a matter of time.
	4-3 Training program becomes official enhancement program for the DPWH.	4-3 Relevant document issued by DPWH.	It is registered with AMMS of DPWH formally.	An implementation plan of AMMS is fixed in a year. This training plan is already applied for the next year.
	4-4 A scheme to secure human resources of the FCSEC is created	4-4 Relevant document issued by DPWH.	FCSEC prescribed with 21 staff by Budget Department of the Government.	FCSEC is PMO, with all staff of FCSEC have definite terms as contractual employ for one year except two regular staff of DPWH. An increase of the staff is necessary for operation of the Hydraulic Laboratory. Organization stability of FCSEC is indispensable for security of human resources. FCSEC is preparing a request for permanent organization of FCSEC in December, 2004.

\* Achievement forecast  
A: Will be achieved B: May be achieved  
C: Difficult to be achieved

#### 4. Process of Implementation

#### Performance Grid

Annex3-4

Verification Questions	Findings	Contribution to the Project Purpose*
1. Have Activities been executed as planned? (In case the plan was revised, the revised plan) (Conclusion of the Activities Grid)	Activities of Stage 2 have been generally executed in accordance with the plan. However, as Stage 2 includes the activities carried over from the Stage 1 in addition to the proper activities of Stage 2, the schedule was rather tight. Furthermore austerity measures enforced since September 2004 hampered a lot to the Project activities. The Project is applying an exemption to the DPWH but the exemption was not given yet.	A
2. Are there any problems in the methods of technical transfer?	The technology transfer is made in a way that Japanese long-term and short term experts trains the counterpart personnel and the counterpart personnel trains technical staff of local offices (RO and DEO) of DPWH, through 3-step training courses, namely classroom training, on-site observation and on-the-job training. The technical level of the counterpart personnel shows remarkable increase to such level that they can now plan and conduct the training courses to the technical staffs of local offices. This proves that the transfer method is accep. However, it is necessary to upgrade furthermore the technical level of FCSEC staff through the experience at actual job-site for all process of actual project of planning, designing , construction supervision and maintenance.	AA
3. Are there any problems in the Project management?	<p>(1) Monitoring system</p> <p>1) How the Project has been monitored?</p> <p>2) Was the result of monitoring reflected to the activities of the Project?</p> <p>(2) Decision making process</p> <p>Who made and how decisions was made among the ① Function of JICA headquarters and the Philippine ② Did they correspond well to the results of monitoring?</p> <p>(3) Function of JICA headquarters and the Philippine ① Did they provided appropriate advices/supports when needed?</p> <p>② Was the communication with the Project Team good?</p> <p>③ Was the linkage with the domestic supporting agencies good?</p> <p>④ Was the communication between Japanese experts and Philippinean counterparts?</p> <p>⑤ general situation of supporting/cooperating</p> <p>(4) Communication system within the project (joint cooperation of Japanese experts and Philippinean counterparts in trouble shooting, etc.)</p> <p>How was the communication between Japanese experts and Philippinean counterparts?</p>	<p>Monthly progress of the previous month and Planning for following month are reviewed every month. Based on the said monthly reports Monitoring is made every six months.</p> <p>No such cases that modification of the activities become necessary, but was useful for understanding the progress of total activity.</p> <p>A participatory opinion collection system is established for decision making.</p> <p>No such necessities happened.</p> <p>No problem in particular so far.</p> <p>No problem in particular so far.</p> <p>No problem in particular so far.</p> <p>The despatch of engineers from private firm , having rich experiences at the actual work, as short-term experts was effective for technology transfer in hydraulic laboratory construction masnals for supervision and maintenance.</p> <p>AA</p>

Contribution \* :  
 AA: Greatly Facilitated : A: Facilitated B: Neutral  
 C:Hampered CC:Hampered a lot.

A3-1

#### 4. Process of Implementation

#### Performance Grid

Annex3-4

Verification Questions	Findings	Contribution to the Project Purpose*
1) Situation of regular meetings	On every Monday, Group meeting, Expert meeting and Meeting of Group Representative ( including Director ) and Experts are held. Once a month, a meeting of whole FCSEC including experts is held.	A
2) Daily communication	Communication is done smoothly. CP and Experts including Chief Advisor are working in the same room ( a large room ) side by side.	AA
3) Are there common understanding of the Project purpose? Was the joint effort made in trouble shooting, plan making, etc.?	Established almost good relation.	AA
4) Were the mutual trust established?	Whenever there is an opportunity, Japanese experts promote to FCSE an ownership and own initiative. The consciousness is high about CP of FCSEC.	AA
5) Do the Philippine counterpart staffs recognize this project as their own project? How was their ownership?	In the Philippines, a personal connection can influence communication greatly, but is almost good under the present conditions. However, now upper personnel affairs of the DPWH is changing greatly, and it is not clear yet whether the past good relations can be kept.	A
6) Any other comments	Now a local office getting cooperation through training or an investigation/study is almost good relations. However, depending on the budget allowance of each local offices, a difference of co-operation attend is big.	A
(5) How are the communications between the Project and the related Philippine organizations?	The Cooperation with UP did not function as planned due to the budget issues,	C
(1) DPWH Head office	By holding a joint seminars with PHIVOLCS, DENR and PAGASA, introducing activities and exchange of information was successfully made. Further cooperation in future is expected.	A
(2) DPWH Local[regional/aerial] offices	Undersecretary of DPWH, Mr. Encarnacion is replaced by Mr. Bonoan. Both have been supporting this project.	AA
(3) UP	A budget source is not well established yet, but necessary expenses for the project were allocated so far, although the austerity measures are taken at the moment.	A
(4) Others	Although the experiences in flood control and sabo engineering is limited, level of counterpart personnel assigned for the Project is not bad, and some of them are very capable. Interviews show that many counterpart personnel and Japanese experts thinks that number of technical staff is not enough, as the Stage 2 includes the activities carried over from the Stage 1 in addition to the proper activities of the Stage 2.	B
4. Is the ownership of the Counterpart organizations established?	All equipment including those provided by JICA are locally procured and the delivery was no problem. The facility construction has some problem. Administration and Training Building was completed one year after the project has started while Dormitory Building is still under construction.	B
(1) Participation of the management of counterpart organizations to the Project.	AA	
(2) Allocation of budget necessary for the Project activities.	AA	
(3) Appropriate of counterpart personnel (number, quality, specialties, etc.)	AA	
(4) Smoothness of equipment delivery and facilities preparation	AA	

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 C:Hampered CC:Hampered a lot

A3-2

#### 4. Process of Implementation

#### Performance Grid

Annex3-4

Verification Questions	Findings	Contribution to the Project Purpose*
(5) Is the recognition to the project by implementing organizations, counterpart staff, target group and other related organizations high? 6. Were the preconditions to commence the Project met? If not met, how were the countermeasures?		A
(1) Basic functions, organizations and institutions of the FCSEC has to be established and secured for sustainable activities. (2) The technical standards and guidelines in the field of planning and design of flood control and sabo have to be made available for use. (3) The technical Manuals in the field of planning and design of flood control and sabo have to be prepared (4) Training textbooks and materials in the field of planning and design of flood control and sabo have to be made available for use. (5) Training Curriculum for structural design course has to be formulated. (6) Basic Information system for profiling damages occurred on disaster prevention structures should has been established. (7) Research and Development functions of the FCSEC should have been established.	FCSEC functions as a technical center of flood control and sabo engineering, is well recognized by DPWH and other related organizations. However, it is still a temporary organization of Project Management Office ( PMO ) and their status is not solid yet.. The technical standards / guidelines with approval of DPWH that are distributed to DPWH local offices of the whole country and an organizations concerned.	B
7. Actions after the "Recommendation" made by the Terminal Evaluation of Stage 1 dated July 9, 2002. (DPWH takes possible measures to enhance the project outputs to the appropriate level.)	Planning and Design Manuals and related documents of flood control and sabo were made. The above (3) is utilized as the training textbook and materials.	AA
(1) To take necessary measures for the sustainability of FCSEC, including getting approval of a permanent organization. (2) To improve the training curriculum so that the trainees understand the phenomenon of flood and sediment movement, which are crucial for the design of the flood control and sabo structures, and to monitor	It is already completed. Basic informations are collected-and accumulated. However, systems to make it usable, such as classification rearranging, an information transfer system are still not established.	A
(3) To clarify the purpose of database system, considering the demand of the potential users, and take measures to improve the database system toward the specific purposes.	Utilizing the Hydraulic Laboratory and short-term experts, the activities are now on-going.	A-
	Submitted the request to make FCSEC a permanent organization in July, 2003, but no action yet with rationalization plan of DPWH. Submitted more detailed request on November 24, 2004.	C
	The present situation, carries out guidance continuously to grasp a phenomenon, because there is lack of understanding and basics knowledge about a flood and sediment movement mechanism. In addition, continuing guidance through Hydraulic laboratory experiment is necessary. And it became possible for the necessary hydraulic laboratory experiment by the guidance of an Japanese expert.	A-
	Under studying	B

Contribution \* :  
 AA: Greatly facilitated : A: Facilitated B:Neutral  
 C:Hampered CC: Hampered a lot.

A3-3

#### 4. Process of Implementation

**Performance Grid**

Annex3-4

Verification Questions	Findings	Contribution to the Project Purpose*
(4) To assign researcher(s) in FCSEC and continue the research activities, based on the outputs of the Project ENCA.	The present situation, carries out the research mainly hydraulic laboratory experiment by the guidance of short-term experts. It becomes possible to carry out activities such as, arranging data and analysis by themselves. Now the short term experts are continually carrying out guidance of research activities mainly on hydraulic laboratory experiment. The counterpart personnel did not reach the level of planning and conducting the research by themselves yet.	B
(5) To take measures to establish the Technical Committee, which will follow up and consider the system to extend the Project Outputs.	Overall assessment of implementation process:	B
	Overall progress has been smoothly done so far but recent austerity measures taken by the Philippine Government is a hazard to the Project. The mandate of FCSEC is (1) basic and applied research and development, (2) engineering program (3) human resource development of the flood control and sable engineering. However, it is still a temporally organization of PMO and its system and relation with other bureaus of DPWH is not clearly and firmly understood.	A&C

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 C: Hampered / CC: Hampered a lot.

## Annex4 Evaluation Grid by 5-criteria

ANNEX4

### EVALUATION GRID BY 5 CRITERIA

Evaluation Criteria	Evaluation Questions	Necessary information/ data (indicator)	Findings	Evaluation *
Relevance	Necessity	Are the Project Purpose and the overall Goal consistent with the needs of the society of the target area?	The Philippines is a country frequently experiencing natural disasters, which causes a lot of loss of life and property of the nation every year . Currently almost all of large-scale flood control and sabo projects rely on the aids of foreign countries, mainly of Japan. It is an urgent need of the Philippine society that the Philippine Government has its own technical resources to effectively implement/handle small-scale projects in which no foreign aid can be expected.	AA
		Are the Project Purpose consistent with the needs of the target group?	Local offices (RO, DEO) of DPWH is responsible for small scale projects to be implemented with the national fund. The project aims to enhance the technical capabilities of such local offices.	AA
Priority		Is the Project consistent with the National Development Policy of the Philippines?	The importance of the Project seems temporally reduced because as part of the austerity measures the Philippine Government is currently adopting, training activities of the Project are temporarily suspended. However, such austerity measures are considered as emergency measures and importance of the Project remains unchanged. The National Economic Development Authority (NEDA) developed a policy and strategy of strengthening FCSEC. The new 5-year plan of DPWH sets 9 items as the basic principles, one of which states that "Strengthen and maximize the capacity of the Flood Control and Sabo Engineering Center (FCSEC) to conduct basic and applied research and development, engineering program and human resources development." The Project, that aims the strengthening of FCSEC in research and development and human resource development is consistent with the National Development Policy of the Philippines.	A
		Is the Project consistent with Japan's ODA Charter	The new ODA Charter of Japan, approved by the cabinet in August, 2003, sets 4 priority issues, namely poverty reduction, sustainable growth, addressing global issues (such as environmental problems, natural disasters, etc.) and peace-building. The project contribute to the solution of all four issues, especially No. 3 global issues such as natural disasters. The Assistance Plan by countries, published by the Ministry of Foreign Affairs in August 2000, set 4 priority fields for the Philippines. In item 3 of that plan, it says that Japan shall help in natural disasters (floods, earthquakes, volcanic eruptions, etc.) which happens frequently in the Philippines. The project is consistent with the National Policy of Japan.	AA
Appropriateness		Is the Project appropriate as the means to the development issues in the agricultural sector of Tocantins?	It is appropriate that the Project set staff of the local offices of DPWH as the target, as they are responsible for small projects to be implemented with own fund of the Philippines.	A
		Is the project design appropriate? Is the target area appropriately selected?	The project design to strengthen the FCSEC, which is responsible to train the technical staff of DPWH in the field of Flood Control and Sabo.	A

\* based on followings:  
 AA: Very positive. A: Positive. B: Neutral. C: Negative. CC Very negative.

A4-1

## EVALUATION GRID BY 5 CRITERIA

Evaluation Criteria	Evaluation Questions	Necessary information/data (indicator)	Findings	Evaluation *
	Is the selection of DPWH(FCSEC), as counterpart organization and UP facilities (buildings, equipment). It has personnel who have attended trainings in Japan. However, FCSEC being a non-permanent office in DPWH, is experiencing some limitations, unlike that of a permanent office. Although at present, FCSEC is undertaking some action on how to facilitate the permanency of the office.	DPWH-FCSEC is the appropriate organization to handle the Project's activities considering its present as a cooperator appropriate?		A B C
	Consistency with other projects under cooperation of Japan and other doners Synergy or Offset/Overlap with other projects.	Cooperation from UP is needed on the research and development activities of the Project, but There be little involvement of UP in the project. Also, cooperation from the LGUs is also essential as they have mandate also to construct/maintain flood control projects.	The hydraulic laboratory built under the Japanese grant (2001-2003) is fully utilized by the Project and contribute to the technical enhancement of FCSEC. Almost all of the large-scale projects in the field of river improvement/sabo, (for example, Iloilo flood control project, Pasig river basin system repair and maintenance management project, Laogag River control and sabo project, Kamanava district flood control and a drainage system improvement project, Pasig-Marikina River Channel Improvement Project, Mt. Pinatubo Hazard Urgent Mitigation Project) are financed by Japanese government. The planning, design and supervision of those projects are done by Japanese consulting firms and no direct relation with this project. However, in future, the project will have good effect to such project especially in the field of maintenance management.	B
	Is the selection of target group appropriate?(area, size, gender ratio, etc.)	It is appropriate to set the technical staff of DPWH local offices as target. However, due to the austerity measures, the suspension of the training expenses, such as travel expense, becomes a problem.		A-
	Will the benefit of the Project can be enjoyed by those other than the target group?	Will the benefit of the Project can be enjoyed by those other than the target group?	A direct effect is limited to a target group (officials of DPWH in charge of river improvement/erosion control ), but through the enhancement of technical capabilities of officials in charge, the benefit will spread to people nationwide.	A
	Is the benefit and cost bearing fairly distributed?	Is the benefit and cost bearing fairly distributed?	It is considered that benefits and cost are shared equally by people of target area.	B+
	Do the technology of Japan meets the needs of the target group?	Do the technology of Japan meets the needs of the target group?	Natural disasters, such as earthquakes, volcanic eruptions, typhoons, etc., are common among Japan and the Philippines. Experience of Japan is useful for the Philippines.	A
	Others	Others	Are there any changes which makes relevance higher or lower in last two years? (government policy, economy, social conditions, role of counterpart organizations, etc.)	C
			FCSEC has grown up to such extent that other departments of DPWH is asking technical advice to FCSEC, while austerity measures affected negatively to the implementation of the Project.	

\* based on followings:  
 AA: Very positive. A: Positive. B: Neutral. C: Negative. CC Very negative.

## EVALUATION GRID BY 5 CRITERIA

Evaluation Criteria	Evaluation Questions	Necessary information/data (indicator)	Findings	Evaluation *
Overall Relevance	The importance of the Project seems temporally reduced because as part of the austerity measures the Philippine Government is currently adopting, training activities of the Project are temporarily suspended. However, such austerity measures are considered as emergency measures and importance of the Project remains unchanged. The National Economic Development Agency (NEDA) developed a policy and strategy of strengthening FCSEC. The new 5-year plan of DPWH sets 9 items as the basic principles, one of which states that "Strengthen and maximize the capacity of the Flood Control and Sabo Engineering Center (FCSEC) to conduct basic and applied research and development, engineering program and human resources development. The Project, that aims the strengthening of FCSEC in research and development and human resource development is consistent with the National Development Policy of the Philippines.	The new ODA Charter of Japan, approved by the cabinet in August, 2003, sets 4 priority issues, namely poverty reduction, sustainable growth, addressing global issues (such as environmental problems, natural disasters, etc.), and peace-building. The project contributes to the The Assistance Plan by countries, issued by the Ministry of Foreign Affairs of Japan in August 2000, set 4 priority fields for the Philippines. In item 3 of that plan, it says that Japan shall help in natural disasters (floods, earthquakes, volcanic eruptions, etc.) which happens frequently in the Philippines. The Project is also consistent with the ODA policies of Japan.		
Effectiveness	Is the Project Purpose likely to be achieved? From the result of performance grid.	Is the project purpose "Capacity of the selected DPWH offices in planning, design, construction and maintenance of flood control and sabo structures will be enhanced in order to cope with water-induced disasters" likely to be achieved?	Due to the Presidential Decree of austerity measures, expenses for training public servants are not provided and training courses became impossible to be executed. Thus the indicators for Output 2 of PDM are difficult to be achieved. Other indicators are likely to be achieved. The project purpose will generally be achieved in that sense. It is sure that "Capability of the selected DPWH offices in planning, design, construction and maintenance of flood control and sabo structures will be enhanced". But "in order to cope with water-induced disasters", it is important to have experience in implementation of actual projects, in addition to knowledge obtained through the classroom lectures. The project is applying to the authorities for exemption of this project training courses from the austerity measure, and endeavoring to make the technical capability of counterpart personnel by proceeding various experiments at the hydraulic laboratory and reviewing already completed technical documents, etc. However, plan and implementation of training courses is not only expanding the technology to a wider area but also strengthen. The technical capability of counterpart personnel. The effort to realize further training courses by all parties are needed.	A-  AA
Cause and Effect (Outputs of the Project)	Are the outputs of the Project effectively contribute to the achievement of the Project Purpose? Are the Outputs appropriately (necessary and enough) set to achieve the Project Purpose?		The Philippines did not have facilities for the training of flood control and sabo technology systematically. The achievement of the project purpose can be said almost fully an outcome of the project..	AA

\* based on followings:  
 AA: Very positive. A: Positive. B: Neutral. C: Negative. CC: Very negative.

## ANNEX4

## EVALUATION GRID BY 5 CRITERIA

Evaluation Criteria	Evaluation Questions	Necessary information/data (Indicator)	Findings	Evaluation *
Are the important assumptions for the achievement of the Project Purpose realized?	1. Continued Support from the relevant offices of the DPWH is sustained.  2. Needed equipment and materials are obtainable to observe the technical standards and guidelines (TSG).  3. Extension of training program shall be secured by the DPWH.	FCSEC is fully supported by the relevant offices of the DPWH, such as, Bureau of Construction (BOC), Bureau of Research and Standards (BRS) and concerned PMOs in the construction supervision activities, Bureau of Design (BOD) and Planning Service in the planning and design activities, and Bureau of Maintenance (BOM) in the maintenance activities.		A-
	4. Counterpart personnel of the project shall be retained as resources for extension of training.	Some DPWH offices have limited/insufficient survey instruments. This is resolved through lending from other offices.		A
	Are there any other outside conditions that could affect the achievement of the Project	Due to the austerity measures that the Philippine Government has implemented, training activities of DPWH, as a whole were temporarily suspended. Although, FCSEC has undertaken some action to resolve these matter. FCSEC requested for some exemption from the Office of the President, which until now, is still in process. But, (the Project) are very positive that the Government will grant exemption from these measures.  It is necessary to extend the training to islands other than the Luzon, but there is a problem of expenses due to the austerity measures.		B-
What would facilitate or hamper the achievement of the Project purpose?	Facilitating factors  Hampering factors	Most of the present counterpart personnel are working from the beginning of the project and seems stable. But, considering the contractual status of appointment by annual contracts, in FCSEC, trained engineers have the option of transferring to other offices to secure permanent and/or higher position or work overseas for good. , and the fact that FCSEC is not a permanent organization, makes their situation unstable.	CP comments:  NEDA favorably endorsed to strengthen the flood control management function of the DPWH. The residents (in flood prone areas) thru public consultation survey become aware on the importance of both structural and non-structural measures in mitigating water-induced disasters.  IE comments:  Recognition of importance of institutional strengthening of flood control.	C

\* based on followings:  
 AA: Very positive. A: Positive. B: Neutral. C: Negative. CC Very negative.

## EVALUATION GRID BY 5 CRITERIA

Evaluation Criteria	Evaluation Questions	Necessary information/data (Indicator)	Findings	Evaluation *
Overall Effectiveness	The Project purpose will mostly be achieved by the end of the Project period. The Project was effective in many aspects. However, effectiveness was reduced to some extent because due to the austerity measures that the Philippine Government has introduced, all the training activities of DPWH were temporarily suspended. Some countermeasure to continue the training activities are definitely needed.			B
Efficiency	Achievement of Outputs	Are Outputs likely to be achieved appropriately?	Due to the suspension of the trainings, the target number of offices that needs to be trained by the end of the Project period will not be achieved but all other outputs are fairly achievable. Although, I believe that Phase II is essential for the sustainability of the Project's purposes and goals.  JJE comments: The project tried to transfer technologies not only through the classroom lectures but through the survey of the disaster sites. Technical Committee is not formed yet, as it is not realistic yet.  CP comments: Yes, very well designed. (necessary and enough)	B
Cause and Effect				A
(Activities Plan)	Are Activities planned appropriately to achieve the	Yes, very well designed. (necessary and enough),		A
(Inputs plan)	Are Inputs set appropriately in quality, quantity and timing to execute the planned activities?	Yes, it was carried out without a big problem, but for training desired areas or number of DEOs are not completely covered		A-
Timing	Were Inputs made appropriately as planned?	The schedule was hard but is progressing smoothly in general.		A-
	Were Activities done at appropriate time as planned?	The delayed activities of the Stage 1 is brought to the Stage 2. Thus the schedule of the stage 2 became tight as it included carried activities and new activities,		B-
Important Assumptions	1. Trained staff members and employees stay in DPWH and are assigned to flood control and sabo works.  2. Trained staff members and employees can use the equipment and materials necessary for effective operation.	Trained staff members have the propensity/option to transfer to other offices because FCSEC is still not a permanent institution. We had been working some documents (Draft Executive Order, Position Paper) for the permanency of FCSEC.	Generally they can use it effectively but some problems are observed due to the shortage of the maintenance budget.	B-
Facilitating and hampering factors	•What factors facilitated the achievement of the Outputs? •What factors hampered the achievement of the Outputs?	Are there any other outside conditions that could affect the achievement of the Outputs?  NEDA favorably supports the Project activities, in line with the overall national development objective. Expert's presence Budget/Austerity measures Unstable status of FCSEC		A C

\* based on followings:  
AA: Very positive. A: Positive. B: Neutral. C: Negative. CG: Very negative.