

Items		Required information/ data (Indicator)	Information source	Findings
Main items	Sub items			
		6) No. of meetings held with local residents related to model works	Project report	<p>26 times:</p> <ol style="list-style-type: none"> 1) In the Bali model area: Twice of PCM (Project Cycle Management) meetings and 9 times of other kind of meetings 2) In the Merapi model area: Twice of PCM meetings and 5 times of other kind of meetings 3) In the Palu model area: 4 times of meetings 4) In the West Sumatra model area: 4 times of meetings <p>Sabo communities are organized in the model areas of Merapi and Bawakaraeng. 28 times in total. Details are as follows.</p> <ul style="list-style-type: none"> • Seminar of sediment disaster in Indonesia (targets: staff of local governments); 2 times • Seminar for awareness raising on disaster mitigation in Merapi (targets: staff of local governments); 1 time • Seminar for awareness raising on disaster mitigation in West Sumatra; 2 times • Seminar for awareness raising on disaster mitigation in Palu of Central Sulawesi; 2 times • Seminar for awareness raising on disaster mitigation in Bali (targets: local residents, NGO and staff of local governments); 2 times • Seminar for awareness raising on disaster mitigation in Kebumen regency (targets: local residents and staff of local governments); 4 times • Seminar for awareness raising on disaster mitigation in Banyumas regency (targets: staff of local governments); 1 time • Seminar on law and regulation related sediment disaster (targets: staff of local governments and NGO); 2 times • National Campaign (targets: staff of local governments, NGO and students of the primary schools); 4 times • An International Conference (ICSDM2005) (targets: staff of the central and the local governments, students of universities) • An exhibition by the Ministry of Public Works (targets: staff of the central governments and general people) • Conference of Sabo related people (targets: persons concerned from universities, head and staff of local governments where the model areas exist, staff of the Ministry of Public Works); 2 times • Meeting for establishing Sabo community in Bawakaraeng (targets: local residents, NGO and staff of local and central governments); 1 time • Disaster prevention campaign in Bawakaraeng; 1 time • Unveiling ceremony of the monument on Sabo technical cooperation in Merapi (targets: local residents, staff of local and central governments); 1 time • Unveiling ceremony of the monument on Sabo technical cooperation in Kulud (targets: local residents, staff of local and central governments); 1 time
	2. Methodology to establish local organizations and systems for promoting disaster mitigation measures are established (Establish local organizations and systems for disaster mitigation)	1) No. and targets of awareness raising activities and campaigns on disaster mitigation measures	Project report	

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			2) No. and targets of lectures on disaster mitigation measures conducted at schools	Project report	20 times of lectures. Participants in total are 40 teachers and 1,590 students.
			3) No. of working committees held on disaster mitigation	Project report	<ul style="list-style-type: none"> Working committees on disaster mitigation are being organized in each model area. Preparation committee for organizing central working committee on disaster mitigation is being organized in the model areas of Merapi and Bawakaraeng.
			4) No. of established disaster management organizations	Project report	Natural disaster management division is created in the Directorate of River, Lake and Reservoir of the Department of the Directorate General of Water Resources. (A function, which is development of Sabo system, was added.)

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	3. Engineers to implement appropriate countermeasures on disaster mitigation (Train engineers in disaster mitigation)	1) No. of training courses conducted	Project report	<p>The Wide course has been conducted 5 times. Data on number of participants and period, etc. are as follows</p> <p>(1) WIDE (Water Induced Disaster Engineering) course</p> <table border="1"> <thead> <tr> <th>No.</th> <th>Period</th> <th>Participants</th> <th>Remarks</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Mar 5 - 30, 2002</td> <td>22</td> <td>Including 7 participants from local governments (provinces and regencies) where water induced disasters were occurred.</td> </tr> <tr> <td>2</td> <td>July 16 - Aug. 7, 2002</td> <td>20</td> <td>Including 13 participants from local governments (provinces and regencies) where water induced disasters were occurred. Other 7 participants were from the Ministry of Settlement and Regional Infrastructure.</td> </tr> <tr> <td>3</td> <td>July 16 - Aug. 7, 2003</td> <td>20</td> <td>Including 10 participants from local governments (provinces and regencies) where water induced disasters were occurred. Other 10 participants were from the Ministry of Settlement and Regional Infrastructure.</td> </tr> <tr> <td>4</td> <td>July 16 - Aug. 6, 2004</td> <td>27</td> <td>Including 24 participants from local governments and 3 participants from the Ministry of Settlement and Regional Infrastructure.</td> </tr> <tr> <td>5</td> <td>Aug. 1-Aug. 20, 2005</td> <td>15</td> <td>Including 12 participants from local governments and 3 participants from the Ministry of Public Works.</td> </tr> <tr> <td></td> <td></td> <td>Total</td> <td>104</td> </tr> </tbody> </table> <p>For the OJT course, 5 persons in each model area have participated. In 2005, OJT training started for the Bawakaraeng model area additionally.</p> <p>(2) OJT (On-the-Job Training) course</p> <table border="1"> <thead> <tr> <th>No.</th> <th>Year</th> <th>Participants</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2001</td> <td>20</td> </tr> <tr> <td>2</td> <td>2002</td> <td>20</td> </tr> <tr> <td>3</td> <td>2003</td> <td>20</td> </tr> <tr> <td>4</td> <td>2004</td> <td>20</td> </tr> <tr> <td>5</td> <td>2005</td> <td>25</td> </tr> </tbody> </table>	No.	Period	Participants	Remarks	1	Mar 5 - 30, 2002	22	Including 7 participants from local governments (provinces and regencies) where water induced disasters were occurred.	2	July 16 - Aug. 7, 2002	20	Including 13 participants from local governments (provinces and regencies) where water induced disasters were occurred. Other 7 participants were from the Ministry of Settlement and Regional Infrastructure.	3	July 16 - Aug. 7, 2003	20	Including 10 participants from local governments (provinces and regencies) where water induced disasters were occurred. Other 10 participants were from the Ministry of Settlement and Regional Infrastructure.	4	July 16 - Aug. 6, 2004	27	Including 24 participants from local governments and 3 participants from the Ministry of Settlement and Regional Infrastructure.	5	Aug. 1-Aug. 20, 2005	15	Including 12 participants from local governments and 3 participants from the Ministry of Public Works.			Total	104	No.	Year	Participants	1	2001	20	2	2002	20	3	2003	20	4	2004	20	5	2005	25
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		2) No. of participants	Project report	104 participants for the WIDE course in total as mentioned above.																																														
		3) Status of activities of ex-trainees at their offices	Project report	<ul style="list-style-type: none"> • Awareness raising seminars on sediment-related disaster mitigation have been planned and implemented in Kebumen and Banyumas regencies in 2002 by ex-trainees of the WIDE course. • Participants were staff of local governments of those regencies. • Several disaster mitigation projects have been planned, designed and implemented by trainees of the OJT course in the model areas of Bali, Merapi, West Sumatra and Palu. 																																														

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	4. Training programs for engineers involved in sediment-related disaster mitigation are established (Establish training programs for engineers)	1) No. of lecturers assigned to the training courses	Project report	<p>The total number of Indonesian lecturers is 34, of which, 28 teachers from the Gadjah Mada University and 6 teachers from the Ministry of Public Works. 4 teachers of the Gadjah Mada University have received training in Japan. Besides, there are several the Japanese lecturers for the course, who have been dispatched as short-term expert of the Project.</p> <p>Data on the MPBA (Natural Disaster Management) course is as follows.</p> <table border="1"> <thead> <tr> <th>No.</th> <th>Period</th> <th>Participants</th> <th>Remarks</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Sep. 2001 – Apr. 2003</td> <td>15</td> <td></td> </tr> <tr> <td>2</td> <td>Sep. 2002 – Apr. 2004</td> <td>16</td> <td>A staff of Kuban regency of NTT (East Nusa Tenggara Timur) province, utilizing scholarship fund of the Kuban regency budget.</td> </tr> <tr> <td>3</td> <td>Sep. 2003 – Apr. 2005</td> <td>18</td> <td>3 persons from the local governments (regencies), utilizing scholarship fund of the regency.</td> </tr> <tr> <td>4</td> <td>Sep. 2004 – Apr. 2006</td> <td>17</td> <td>Target is extended to staff of local governments. 2 staff were enrolled using scholarship fund of the Ministry of Forestry.</td> </tr> <tr> <td>5</td> <td>Sep. 2005 – Apr. 2007</td> <td>16</td> <td>Target is extended to staff of the Ministry of Forestry. A person was enrolled using scholarship fund of the department of housing.</td> </tr> <tr> <td colspan="2">Total</td> <td>82</td> <td></td> </tr> </tbody> </table>	No.	Period	Participants	Remarks	1	Sep. 2001 – Apr. 2003	15		2	Sep. 2002 – Apr. 2004	16	A staff of Kuban regency of NTT (East Nusa Tenggara Timur) province, utilizing scholarship fund of the Kuban regency budget.	3	Sep. 2003 – Apr. 2005	18	3 persons from the local governments (regencies), utilizing scholarship fund of the regency.	4	Sep. 2004 – Apr. 2006	17	Target is extended to staff of local governments. 2 staff were enrolled using scholarship fund of the Ministry of Forestry.	5	Sep. 2005 – Apr. 2007	16	Target is extended to staff of the Ministry of Forestry. A person was enrolled using scholarship fund of the department of housing.	Total		82	
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		2) Status of training facilities	Project report	A lecture room, a room for the course director, a room for secretary and a meeting room are provided for the MPBA course for exclusive use in the Faculty of Engineering.																												
		3) Status of curriculum and training materials	Project report	Making of the textbooks, practical subjects at field & indoor, and themes for workshops are underway. There are 19 subjects including field training and thesis. Total credits is 46.																												
		4) Status of public relations on training program	Project report	7 kinds of leaflet for publicity were produced, such as ISDM, Album Sabo, Model Area, MPBA (2 kinds), Sabo Monument, International Conference.																												
		5) No. of steering committees held	Project report	Steering committee has held 3 times in December 2004, February 2005 and November 2005. Number of the members of the steering committee of MPBA is 14, including 6 members from the Ministry of Public Works, 5 members from the Gadjah Mada University and 3 JICA experts.																												
	5. Disaster investigation, planning and implementation methods for disaster rehabilitation measures of devastated	1) No. of requests for disaster investigation	Project report	There were more than hundred of requests for disaster investigation to STC including official and unofficial ones from central government and local governments. Because of necessity to formulate appropriate disaster information transmission flow, a draft system on disaster investigation is under development and will be developed a first draft by the end of the Project.																												