

## 2. Project Achievement

### 2.1. Inputs

#### 2.1.1. Inputs from Japanese side

The following inputs have been provided by JICA for the Project.

##### (1) Dispatch of Experts

Currently six long-term experts are assigned. In addition, a total of 30 short term experts have been dispatched.

Title of assignment	Name	Period of assignment
Long-term experts		
Chief advisor	Mr. Motoo Sakai	May 14, 2001 - June 12, 2003
	Mr. Fumito Watanabe	May 31, 2003 - May 30, 2005
Coordinator	Mr. Kazuhiko Tanaka	April 1, 2001 - March 31, 2004
Sediment-related disaster mitigation measures	Mr. Masanobu Takeuchi	April 1, 2001 - March 25, 2002
	Mr. Hiroyuki Yasui	March 10, 2002 - March 2, 2004
Regional disaster mitigation	Mr. Masayuki Ito	May 14, 2001 - May 13, 2003
	Mr. Tomoyuki Nanri	May 31, 2003 - May 30, 2005
Disaster information	Mr. Masahiro Sugiura	May 14, 2001 - March 15, 2004
Sabo planning	Mr. Kazunori Fujisawa	May 22, 2001 - June 12, 2003
	Mr. Masato Jogasaki	May 31, 2003 - May 30, 2005
Short-term experts		
Japanese Fiscal Year 2001		
1. Selection of model survey site	Mr. Masanori Hiruma	April 18, 2001 - May 9, 2001
2. Text preparation (Natural environmental conservation) (MPBA)	Dr. Futoshi Nakamura	November 18, 2001 - November 26, 2001
3. Monitoring and acquisition system (MPBA)	Dr. Yoshiharu Ishikawa	November 21, 2001 - December 7, 2001
4. Satellite image analysis	Mr. Takao Yamakoshi	November 25, 2001 - December 9, 2001
5. Regional planning and development (MPBA)	Mr. Masayuki Watanabe	December 1, 2001 - December 13, 2001
6. Information systems	Mr. Yasunobu Maeda	January 6, 2002 - January 19, 2002
7. Ground water survey	Mr. Ichiro Noguchi	January 13, 2002 - February 10, 2002
8. Text preparation (Legal system) (MPBA)	Mr. Tooru Izawa	January 20, 2002 - January 28, 2002
9. Landslide and slope failure countermeasures (MPBA)	Dr. Hiroyuki Nakamura	March 10, 2002 - March 27, 2002-
10. Rural development	Mr. Kazuya Akiyama	March 18, 2002 - March 30, 2002
11. Integrated sediment management	Mr. Hitoshi Ito	March 19, 2002 - March 25, 2002
12. Databases	Mr. Shuichi Inoue	March 24, 2002 - April 13, 2002

Title of assignment	Name	Period of assignment
Japanese Fiscal Year 2002		
1. Natural environmental conservation (MPBA)	Dr. Futoshi Nakamura	July 24, 2002 - August 3, 2002
2. Debris and flood control (MPBA)	Dr. Masaharu Fujita	August 6, 2002 - August 24, 2002
3. Water and sediment disaster management legal system (MPBA)	Mr. Tooru Izawa	August 24, 2002 - September 4, 2002
4. Design of evacuation and telemetering system (Hydrology)	Mr. Takao Yamakoshi	October 21, 2002 - November 5, 2002
5. Hazard map	Mr. Akihiko Ikeda	October 21, 2002 - November 5, 2002
6. Design of evacuation and telemetering system (Warning)	Mr. Yoshiyuki Shinji	November 3, 2002 - November 23, 2002
7. Monitoring and acquisition system (MPBA)	Dr. Takashi Yamada	November 10, 2002 - November 21, 2002
8. Regional planning and development (MPBA)	Mr. Masayuki Watanabe	November 19, 2002 - November 30, 2002
9. Low cost disaster prevention countermeasures	Mr. Kazumichi Hirono	February 1, 2003 - February 11, 2003
10. Sediment-related disaster mitigation system	Mr. Tomoyuki Nanri	February 1, 2003 - February 11, 2003
11. Landslide and slope failure measures (MPBA)	Dr. Daisuke Higaki	March 22, 2003 - April 2, 2003
12. Databases	Mr. Tatsuo Kogawa	March 30, 2003 - April 18, 2003
13. Method of sediment-related disaster survey	Mr. Shoji Igarashi	April 6, 2003 - April 15, 2003
Japanese Fiscal Year 2003		
1. Water and sediment disaster management legal system (MPBA)	Mr. Tooru Izawa	June 7, 2003 - June 17, 2003
2. Natural environmental conservation (MPBA)	Dr. Futoshi Nakamura	July 2, 2003 - July 11, 2003
3. Debris and flood control (MPBA)	Dr. Masaharu Fujita	August 6, 2003 - August 25, 2003
4. Monitoring and acquisition system (MPBA)	Dr. Yoshiharu Ishikawa	November 30, 2003 - December 7, 2003
5. Regional planning and development (MPBA)	Mr. Masayuki Watanabe	December 11, 2003 - December 23, 2003 (Planned)

(2) Provision of Equipment

The Japanese side has provided disaster information management equipment, vehicles and audio-visual equipment, which total at Japanese Yen 101,785,000.

The equipment is maintained and operated properly (Annex 3).

	Japanese Fiscal Year 2001	Japanese Fiscal Year 2002	Japanese Fiscal year 2003
Provision of equipment	Vehicle, Data processing system, Observation system, Audio-visual equipment	Data processing system improvement, LAN system, Observation system	Flow gauge, Measuring equipment
	41,706,000	29,735,000	22,000,000
Equipment accompanying experts	6,371,000	1,973,000	
Total amount (Japanese Yen)	48,077,000	31,708,000	22,000,000

(3) Local Cost Disbursement

The local cost disbursement by JICA is as follows.

	Japanese Fiscal Year 2001	Japanese Fiscal Year 2002	Japanese Fiscal Year 2003
Local Cost Disbursement (Japanese Yen)	26,935,000	27,537,000	34,485,000

(4) Counterpart Training in Japan

12 counterparts were trained in Japan.

Field of training	Name	Period of training
Japanese Fiscal Year 2001		
Rural disaster mitigation technology	Mr. Alboneh	October 29, 2001 - December 15, 2001
Integrated rural disaster mitigation planning	Mr. Parwito	March 16, 2002 - April 26, 2002
Integrated rural disaster mitigation planning	Mr. S. Haryadi	March 16, 2002 - April 26, 2002
Integrated rural disaster mitigation planning	Mr. B. Hargono	March 16, 2002 - April 25, 2002
Volcanology and Sabo engineering	Mr. Djudi	March 19, 2002 - September 15, 2002
Debris and flood control	Mr. Mukhlisin	April 15, 2002 - March 31, 2005
Japanese Fiscal Year 2002		
Disaster prevention technologies	Mr. Djamar	October 6, 2002 - November 22, 2002
Disaster information	Mr. Stikuno	January 18, 2003 - February 28, 2003
Disaster information	Mr. H. Utomo	January 18, 2003 - February 28, 2003
Water sector development planning	Mr. Parwito	March 13, 2003 - March 29, 2003
Volcanology and Sabo engineering	Mr. Murod	March 19, 2003 - September 15, 2003
Natural environmental conservation	Mr. Nyoman	February 17, 2003 - March 31, 2005