

Member's Annual Report 2009

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Name of the editor: **Sudharma Elakanda**

Project Director, DSWRPP /MASL

1. About the organization

- (1) Name of the organization and postal address of the office

Mahaweli Authority of Sri Lanka

No. 500, T.B.Jayah Mawatha, Colombo 10, Sri Lanka

- (2) The representative of the organization

<Please write the name and position of the representative>

Director General of MASL: Eng Ivan de Silva upto May 2009 and Eng . H D S De Alwis upto 30th January 2010.

- (3) Purposes and roles of your organization

- a) Historical background of the organization

The Mahaweli Ganga Development Progrmme, the largest integrated rural development multi-purpose programme ever undertaken in Sri Lanka, was based on water resources of Mahaweli and allied six river basins. Main objectives were to increase agricultural production, hydro-power generation, employment opportunities, and settlement of landless poor and flood control. The programme originally planed for the implementation over a 30-year period was brought to acceleration in 1979, with the establishment of Mahaweli Authority of Sri lanka.

The total Mahaweli Project Area covers 39 percent of the whole island, 55 percent of the Dry Zone, and encompasses 60 percent of the irrigable land area of Sri Lanka.

The Project is to provide Irrigation water for agriculture and water for domestic use, generate hydro-power for the whole range of agro-based industry in the Mahaweli areas and elsewhere, provide effective flood control and most importantly open up new land for agriculture development.

The project comprises five Major Dams; Kotmale, Victoria, Randenigala–Rantambe, Maduru Oya and Moragahakanda which is being constructed now..

- b) Purposes and roles of the organization

The primary task of MASL has been and remains "the improvement of human life in the Mahaweli impacted areas".

(4) Outline of the organization

1) Number of staff - 4796 Nos.

2) Amount of the annual budget in 2009 - US \$ 63 million

3) Organizational chart-

Attached (Attachment 1)

4) Ongoing projects

<Please write about the ongoing projects>

As follows:

▪ **Moragahakanda & Kaluganga Development Project**

Moragahakanda & Kaluganga Development Project is the largest reservoir project to be taken up for development under the Mahaweli River Development Programme. A full feasibility study of the Moragahakanda Project combined with the Kaluganga Development Project was completed in 2004 by the Lahmeyer International, in association with the Central Engineering Consultancy Bureau (CECB) of Sri Lanka, United Consulting Group (KUWAIT) and Chuo Kaihatsu Corporation, Japan. The project area is located in the Central and North Central Provinces in Sri Lanka. The investment cost of the project is US \$ 425 million. The Economic Internal Rate of Return (EIRR) is 22%. Kuwait has already provided US\$ 37 million for the detailed designs of the project and JICA, SFD and OPEC are now committed to co-finance the project.

▪ **Dam Safety & Water Resources Planning Project (DSWRPP)**

The Dam Safety & Water Resources Planning Project (DSWRPP) is to be implemented by the Ministry of Agricultural Development and Agrarian Services (MADAS) of the Government of Sri Lanka with the financial assistance from the International Development Association (IDA) of World Bank. The project cost is US\$71.66 million will be implemented within 4 years period from mid 2008. Seven stake holder agencies namely MASL, ID, CEB, NASDB, MD, WRB & DMC are involved with the implementation of the project. Three consultancy teams from Switzerland, Canada and Australia to assist Project to implement 3 project components more effectively jointly with the Local staff.

▪ **System B Consolidation Project**

The objectives of the project are to increase income levels of rural community in Maduru Oya Left Bank through agriculture by (i) rehabilitating deteriorated irrigation network and support to improve water management (II) improvement of selected potable water supply schemes through Village-Self-Help, (III) support for agricultural development and farmer organization; and (IV) implementing environmental enrichment programmes. Irrigation rehabilitation work included 52 km main canals, 65 km of branch canals, 459 km of Distributory canals, 1,138 km of field canals, 54 km of drainage canals, 80 km of O&M roads and minor reservoirs.

Total estimated project cost was Rs. 2,800 million. Project period was 6 years commencing from 2007.

(5) Main events in 2009

Program	Place	Dates	Participants from MASL
5 th NARBO IWRM Training	Hoi An, Vietnam	18 th -25 th February, 2009	Eng.H.H.P.Premakumara
			Eng.A.Sellahewa
			Eng.R.Thennakoon
Study Meeting on IWRM Including Water Related Disasters & its Management	Hoi An, Vietnam	17 th -21 st February, 2009	Eng.D.C.S.Elakanda
Twining Program Between JWA & MASL	Japan	11 th -30 th May, 2009	Eng.D.B.Wijerathna
			Eng.W.A.Chandrapala
			Eng.K.D.J.Premalal
			Eng.W.A.Chandrathilaka
6 th NARBO IWRM Training	DaNang, Vietnam	30 th November to 7 th December,2009	Mr.C.Wellapili
			Eng.H.M.Ranasinghe
			Eng.S.Siriwimalarathna
			Eng.K.Wijerathna
			Eng.S.S.Ariyarathna

2. About NARBO activity

(1) The contact person and organization's web-site

1) The name, position, phone & fax number, e-mail address of the contact person

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Dam Safety & Water Resources Planning Project. (DSWRPP)

2) The organization's website URL (English and local language respectively)

<http://www.mahaweli.gov.lk>

<http://www.damsafety.lk>

(2) Activities your organization implemented in 2009 as the member

