

**JAPAN INTERNATIONAL
COOPERATION AGENCY (JICA)**

**MINISTRY OF IRRIGATION
AND POWER
DEMOCRATIC SOCIALIST
REPUBLIC OF SRI LANKA**

**THE STUDY
FOR
THE POTENTIAL REALIZATION OF IRRIGATED
AGRICULTURE
IN
THE DRY AND INTERMEDIATE ZONES OF SRI LANKA**

Volume I

MAIN REPORT

OCTOBER 2000

NIPPON KOEI CO., LTD.

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CURRENCY EQUIVALENT

US\$ 1.00 = Rs. 71.0
(January 2000)

PREFACE

In response to the request from the Government of Sri Lanka, the Government of Japan decided to conduct the Study for the Potential Realisation of Irrigated Agriculture in the Dry and Intermediate Zones of Sri Lanka and entrusted the study to the Japan International Cooperation Agency (JICA).

JICA sent to Sri Lanka the Study Team headed by Mr. Tadaharu Murono, Nippon Koei Co. Ltd., three times during the study period from March 1999 to October 2000.

The Team held discussion with the officials concerned to the Government of Sri Lanka, and conducted field surveys in the Study area. In succession, the Team made further study and the present report was prepared.

I do hope this report will contribute to promotion of the Project and to enhancement of friendly relations between our two countries.

I wish to express my sincere appreciation to the officials concerned to the Government of Sri Lanka for their close cooperation extended to the Team.

October 2000



Mr. Kunihiko Saito
The President of
Japan International Cooperation
Agency

October 2000

Mr. Kunihiro Saito
President
Japan International Cooperation Agency
Tokyo, Japan

LETTER OF TRANSMITTAL

Dear Sir,

We have the pleasure to submit you herewith the report on the Study for the Potential Realisation of Irrigated Agriculture in the Dry and Intermediate Zones of Sri Lanka. This report presents the results of all works performed in both Sri Lanka and Japan during a total period of 20 months from March 1999 to October 2000.

The Study comprises the Master Plan for 100 irrigation schemes (18,200 ha of irrigation area in total) extending over the four districts of Anuradhapura, Kurunegala, Puttalam and Matale, and the Feasibility Study for 5 priority irrigation schemes (3,860 ha of irrigation area in total) which were selected from the Master Plan area. The objective of the Study is to prepare a plan for the potential realisation of irrigated agriculture in the dry and intermediate zones with the goal of achieving more profitable agriculture and higher standards of living for rural households. The development component formulated in the Study consists of awareness programme on the participatory development, strengthening of farmers' organisations, improvement of agricultural productivity, income generation including poverty alleviation, improvement of marketing and credits, rehabilitation and upgrading of existing irrigation facilities, training on operation and maintenance of irrigation facilities by the farmers, improvement of agricultural support services and facilities, environmental conservation, and so on. The numbers of beneficial farm households and population are estimated at 25,300 and 113,000, respectively.

We believe that the project implementation will help to improve farmers' living standards in the Study areas and to develop socio-economy in the rural area, and to prosper the cordial relations and good-will between Japan and Sri Lanka.

We wish to express our deep appreciation and sincere gratitude to your Agency, the Ministry of Foreign Affairs, and the Ministry of Agriculture, Forestry and Fisheries for the kind co-operation extended to us. We also wish to express our deep gratitude to your Colombo Office, the Embassy of Japan, the Ministry of Irrigation and Power and other authorities concerned of the Government of Sri Lanka for the close co-operation and assistance extended to us during our field investigations and studies.

Very truly yours,



Tadaharu Muroto
Team Leader
The Study Team of the Study for the
Potential Realisation of Irrigated
Agriculture in the Dry and Intermediate
Zones of Sri Lanka