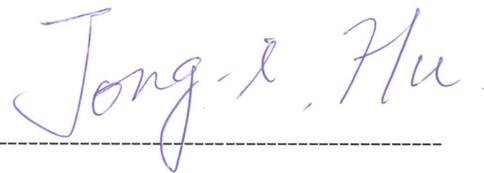


MINUTES OF MEETING
ON
THE TECHNICAL COOPERATION
BETWEEN
ROYAL IRRIGATION DEPARTMENT, THAILAND
AND
AGRICULTURAL ENGINEERING RESEARCH CENTER/
COUNCIL OF AGRICULTURE, TAIWAN

Bangkok, December 4th, 2014



Acting Sub Lt. Paijane Marksuwan
Deputy Director General for Engineering
Royal Irrigation Department
Ministry of Agriculture and Cooperatives



Dr. Jong-I Hu
Deputy Director
Department of Irrigation and Engineering,
Council of Agriculture

1. Introduction

Royal Irrigation Department (RID), Thailand and Agricultural Engineering Research Center (AERC), under the supervising of Council of Agriculture (COA), Taiwan, agree on the technical cooperation in Improving Efficiency of Irrigation Management by Application of GIS Techniques as the following framework:

Objective : To promote technical cooperation program for increasing Irrigation Efficiency on
Using Remote Sensing and GIS Technology for Effective Water Management in
Irrigation Project.

The Kick-off Meeting was held on December 1st, 2014 and Wrap-up Meeting on December 4th, 2014 at Suwannabhumi meeting room, RID. List of delegates from Taiwan was shown in Annex II and list of delegates from RID was shown in Annex III.

2. Consideration & Discussion

Major points of considerations and discussions are summarized as follows

(1) Scope of Work under Technical Cooperation between RID- AERC/COA

RID needs GIS database development, searching engine, display system, and development on GIS models/tools for irrigation water management. RID will provide basic data, equipment, personnel, work space, and necessary resources. TAIWAN will provides knowledge/technique and dispatch experts to supervise RID's personnel according to work plan in Annex I. Kraseaw Operation and Maintenance Project, Regional Irrigation Office 12 was selected to be pilot area.

(2) Activities of Work under Technical Cooperation between RID- AERC/COA

- Develop completed irrigation database in GIS system
- Develop the models and tools in GIS application for operation and maintenance irrigation system
- Training Program

(3) Project Duration

Between January 2015 to December 2016

(4) Budget

Thai side will support budget on activities of the training program and pilot project in Thailand. However, the budget for experts' expenses can be negotiated on the case by case basis.



List of Delegates from Council of Agriculture (COA), Agricultural Engineering
Research Center (AERC) and Kang Ning University
on
Thailand – Taiwan Technical Cooperation

1. Dr. Jong-I Hu
Deputy Director
Department of Irrigation and Engineering, Council of Agriculture
2. Mr. You-Chen Cheng
Specialist
Department of Irrigation and Engineering, Council of Agriculture
3. Dr. Chih-Hung Tan
Project Leader
Agricultural Engineering Research Center
4. Mr. Huang-Hsiang Chan
GIS Specialist
Agricultural Engineering Research Center
5. Prof. Sheng-Feng Kuo
Professor
Kang Ning University

List of Delegates from Royal Irrigation Department (RID)
on
Thailand – Taiwan Technical Cooperation

1. Acting Sub Lt. Paijane Marksuwan
Deputy Director General for Engineering
2. Mr. Satit Maneepai
Director
Office of Engineering Topographical and Geotechnical Survey
3. Mr. Darongkorn Somton
Director
Regional Irrigation Office 12
4. Mr. Pradab Kladkempetch
Director
Office of Research and Development
5. Mr. Chatchai Boonlue
Department Secretary
Office of the Secretary
6. Mr. Chatchom Chompradist
Director of Water Management Division,
Office of Water Management and Hydrology
7. Miss Wachiraporn Kumnerdpet
Director of Water Resources Development Participatory Promotion Group,
Office of Public Participatory Promotion
8. Mr. Nearamit Thepnok
Director of Operation and Maintenance Division,
Regional Irrigation Office 12
9. Mr. Chanon Suapitack
Director of Kraseaw Operation and Maintenance Project,
Regional Irrigation Office 12
10. Mr. Theeraphol Tungsomboun
Director of Water Management Development Group,
Water Management Division,
Office of Water Management and Hydrology

11. Mr. Sawang Chomwoot
Chief of Mapping Branch,
Photogram Metric Survey Division,
Office of Engineering Topographical and Geotechnical Survey
12. Mr. Ratchapong Sajapanyapitak
Chief of Engineering Branch
Borommathat Operation and Maintenance Project
Regional Irrigation Office 12
13. Miss Achara Dawan
Computer Technical Officer, Professional Level
Information Technology and Communication Center
14. Miss Nutchra Srithongsuk
Computer Technical Officer, Professional Level
Information Technology and Communication Center
15. Mr. Kanchadin Srapratoom
Chief of Loan Project Branch
Office of Project Management
16. Mr. Urin Soteyome
Civil Engineer, Professional Level
Office of Research and Development
17. Mrs. Araya Malai
Foreign Relations Officer, Practitioner Level
Foreign Activity Coordinating Branch
Office of Project Management
18. Miss Keeratakan Nakeesin
Irrigation Engineer, Practitioner Level
Loan Project Branch
Office of Project Management
19. Mr. Kritsadapan Chantaracana
Chief of Water Management Branch,
Kraseaw Operation and Maintenance Project
Regional Irrigation Office 12
20. Mr. Urit Rattatangtrakul
Irrigation Engineer, Professional Level
Water Management Division,
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