

PHOTOS



Kitiab Pump Station



Aliab Pump Station



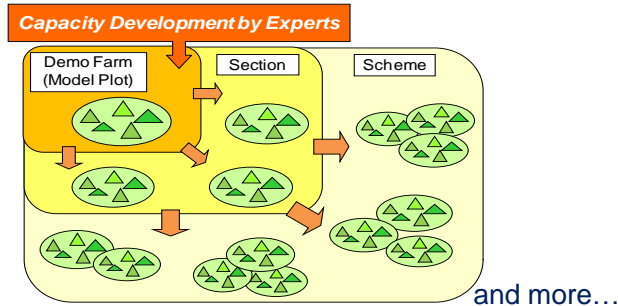
Irrigation on Farm

For Improved Irrigated Agriculture with Effective Use of Rehabilitated Pump Station.

- Verification of Water-saving Irrigation

Traditional Type	Improved furrow irrigation
Gated pipe	Drip Irrigation

- Dissemination



SCHEDULE

- First Phase: Nov.2016~Sep.2017
“Survey and Analysis”
- Second Phase: Oct.2017~Sep.2018
“Enhancing Technical Transfer”
- Third Phase: Oct.2018~Sep.2019
“Summarizing of Outcomes”

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Capacity Development Project for Irrigation Scheme Management in River Nile State
CADEPIS-RNS



Ministry of Agriculture and Forestry (MoAF)

Japan International Cooperation Agency (JICA)

PROJECT SITES AND BENEFICIARIES

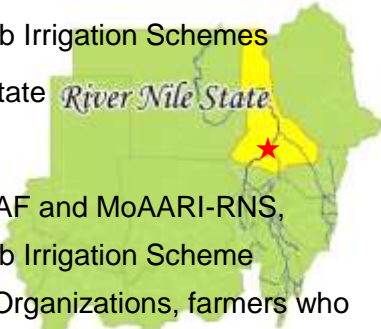
❖ Project Sites:

Aliab and Kitiab Irrigation Schemes
in River Nile State

River Nile State

❖ Beneficiaries:

Officers of MoAF and MoAARI-RNS,
Aliab and Kitiab Irrigation Scheme
Management Organizations, farmers who
do their farming within Aliab and Kitiab
Scheme



BACKGROUND

- ❖ In terms of national economy and food security, agricultural development is one of the most important issues in Sudan.
- ❖ Irrigated agriculture has been implemented in River Nile State. But it faces challenges such as aging facilities and insufficient operation and maintenance (O&M) of agricultural infrastructures.
- ❖ In addition to efficient water usage, improvement for farming and enhancement of organizational management are required.

PROJECT PURPOSE AND OUTPUTS

[Project purpose]
Improved irrigated agriculture is practiced in the target irrigation schemes.

- Output1
Institutional capacities of irrigation management organizations are enhanced to manage the irrigation system

- Output2
Capacities of irrigation management organizations are improved to conduct appropriate operation and maintenance of irrigation facilities (O&M).

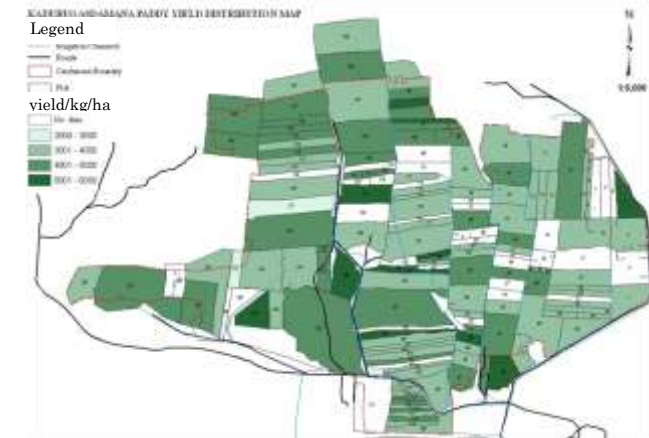
- Output3
Effective measures are developed to improve water distribution

- Output4
Effective methods are developed to disseminate improved farming techniques with more efficient water use.

APPROACH

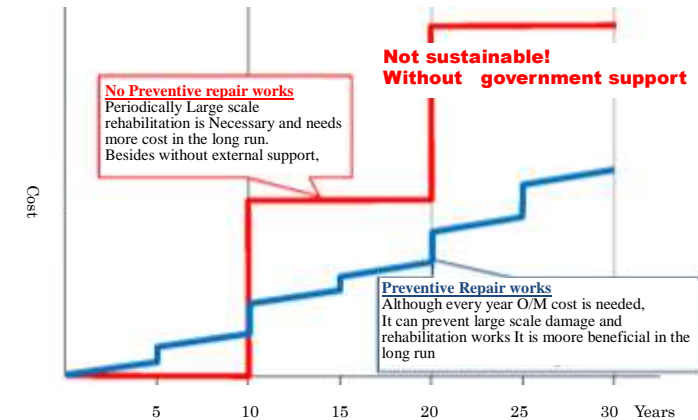
- Database Preparation

(Example of Scheme GIS map of crop production)



- Organizational Enhancement

- O&M Improvement



- Water Distribution Calculation & Planning

- Various Trainings

- Activities on Demonstration Farm