



The Hydraulics Research Station
محطة البحوث الهيدروليكية

UNESCO-IHE
Institute for Water Education



SPATE IRRIGATION FOR RURAL ECONOMIC GROWTH AND POVERTY ALLEVIATION PROJECT (SIREGPA)

*1st International Workshop
on project progress and the
activities ahead*

30 April 2012, Kassala



The Hydraulics Research Station
محطة البحوث الهيدروليكية

UNESCO-IHE
Institute for Water Education



Spate Irrigation
Network



Spate Irrigation
Network Sudan



IFAD

Enabling the rural poor
to overcome poverty

OVERVIEW OF PROJECT ACTIVITIES IN 2011 AND PLANS FOR 2012

Project Team Leader: Eiman M.Fadul
Assistant Professor
Hydraulic Research Station

SUMMARY

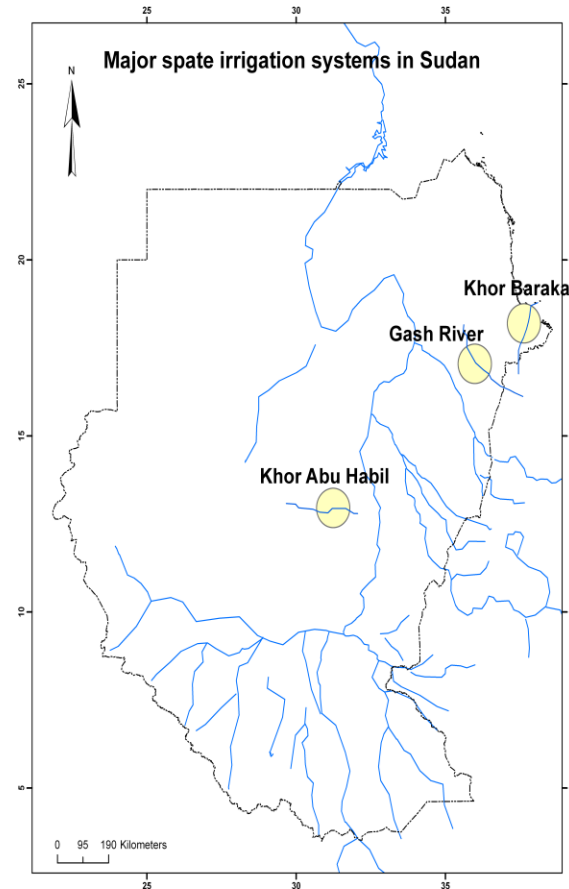
- ◉ Basic Project Facts & Rationale
- ◉ Implementing & Supporting organizations
- ◉ Stakeholder consultation work shop to identify research programmes
- ◉ Project activities & achievements in 2011,
- ◉ Work Plans for 2012

BASIC PROJECT FACTS

- ⦿ Total duration: 2011-2015
- ⦿ Funding organizations:
 - IFAD (International Fund for Agricultural Development)
 - UNESCO-IHE
- ⦿ Project partners:
 - Local organization in target countries
 - UNESCO-IHE
 - MetaMeta

MAIN PROJECT OBJECTIVE

- ⦿ Improved productivity and livelihoods in spate irrigation farming areas through:
 - ☐ Solutions-oriented research
 - ☐ Capacity building
 - ☐ Network development



PROJECT BUDGET

Budget allocated = \$ 150,000
+ \$50,000 (one MSc
student)+ \$ 30,000

(additional budget as a result
of a successive seminar at
UNESCO-IHE attracted MSc
students to conduct their
research in Sudan

IMPLEMENTING ORGANIZATION

- ◉ The Hydraulic Research Station (HRS), Ministry of Water Resource
- ◉ HRS established in 1976 through a generous help from the United Nations Development Program (UNDP) to lend support for sound and sustainable national water resource development and management
- ◉ Research achievements areas : River training, sediment transport and management, irrigation engineering and management, and water resources planning and management.
- ◉ Website: www.hrs-sudan.sd

SUPPORTING ORGANIZATIONS

- ◉ Gash agricultural Scheme GAS, Ministry of Agriculture.
- ◉ GASH river training unit, Ministry of Water Resources
- ◉ Agricultural Research Cooperation
- ◉ Water User Association of GAS, Kassala
- ◉ Toker Delta Agricultural Scheme (TDAS),
- ◉ Khor Abu Habil Agricultural scheme,

STAKEHOLDER CONSULTATION WORKSHOP TO IDENTIFY RESEARCH PROGRAMMES



- Introduce the Project
- Identify real problems
- Formulate research topics
- Who participated
- Ministries



Towards productive and profitable spate irrigated agriculture in Sudan, Gash river training and protection works to mitigate flood damages

ACHIEVEMENTS 2011

Strengthening the Spate Irrigation Network	Key deliverables (planned)	Key deliverables (achieved)
Develop country Network plan 2011-2014	Country network plan stating vision, mission, mandates and major activities (2011-2014)	Completed
Develop country Database of spate specialists	A spread sheet of names, titles, specialization of 5-10 SPN members	A spread sheet of names, titles, specialization of 50 SPN members
Identification key Implementing Organization	Preliminary list of relevant key implementing organizations identified	Completed

ACHIEVEMENTS 2011

Innovative Action Research Projects	Key deliverables (planned)	Key deliverables (achieved)
Collection of existing relevant Information	Documentation of existing data	In progress
Prepare preliminary criteria & identify a menu of action research topics	Criteria and a menu of action research topics listing	Completed
Stakeholder meetings to identify relevant action research topics	Meetings with stakeholders	Completed; 9 Meetings
Field visits to identify two action Research topics & pilot area	Two research action topics identified	Completed
Preparing concept notes & sharing with fellow country project leaders	Two concept note for the action research prepared & shared	Completed
Develop full action research proposals	Two full action research proposals developed	Seven research proposals completed
Preliminary data gathering for the research	Preliminary data prepared for the implementation of action research	Completed
Support to two small research / documentation activities	One small research holder proposed and if possible two	Proposed but not completed

ACHIEVEMENTS 2011

Competitive grant for two applied research projects on two topics	Key deliverables (planned)	Key deliverables (achieved)
Discussion with stakeholders	Two topics identified;	Completed : 4 meetings conducted in Khartoum, Medani and Kassala
Preparing detailed notes on (Open Call for proposals)	Document prepared and distributed	Completed; Research proposals announced, and applications received from research organizations
Forming a committee to evaluate proposals	Committee formed and best proposals selected	in progress

ACHIEVEMENTS 2011

Capacity Building, Continuous Knowledge Development & Dissemination	Key deliverables (planned)	Key deliverables (achieved)
Two participants for spate short course attendance at UNESCO-IHE	Two participant will complete short course in spate irrigation at IHE	Completed
Preparation of one practical note	One practical notes published	Translation completed for one practical note , dissemination on progress, preparation of another practical note on progress.
Purchasing one laptop, one video camera, one digital camera	laptop, digital camera, video camera purchased	Not Completed, A beamer is purchased
Sharefair in IFAD, Rome, Spate Irrigation Good for People, Livestock and for the Environment		

ACHIEVEMENTS 2011

Project management	Key deliverables (planned)	Key deliverables (achieved)
Detailed work plan for 2011	A draft work plan with budget and time of delivery	Completed
organize meetings & workshops	Meetings and \ or workshop conducted	Completed; 4 meetings and one workshop conducted
Financial statement preparation and facilitating auditing	Annual financial statement report	Completed
Develop draft\detailed work plan for 2012	A draft work plan with budget and time of delivery	Completed

WORK PLAN 2012

Strengthening the Sudan Spate Irrigation Network (SSpN):

1. Make the SSpN visible at national level , Assign a part time secretariat
2. Strengthening the SSpN membership to 60-70 members
3. Tailor-made support to Agricultural Research Corporation(ARC), Kassala, Khartoum and Sudan University, WUA-Kassala

WORK PLAN 2012

Solutions-oriented research:

Implementation of solution research activities within the two research programs

1. Towards productive and profitable spate irrigated agriculture in Sudan,
2. Gash river training and protection works to mitigate flood damages

Research is to be implemented through MSc studies

WORK PLAN 2012

Capacity Building, continuous Knowledge Development & Dissemination:

1. *Spate irrigation short course*
2. *Two practical notes*
3. *Contribution to preparation of spate program development charter as annex to the Country policy on land and water management and development*
4. *Equipment for Hydraulic Research Station (HRS)*
5. *National workshop on mainstreaming spate irrigation in curriculum of universities, draft spate irrigation curriculum prepared*

THANKS



وبالله التوفيق

