

**INTEGRATED SAFEGUARDS DATASHEET  
APPRAISAL STAGE**

**I. Basic Information**

Date prepared/updated: 06/22/2009

Report No.: AC2938

**1. Basic Project Data**

Country: Eastern Africa	Project ID: P103639	
Project Name: Eastern Nile Planning Model		
Task Team Leader: Harshadeep Nagaraja Rao		
Estimated Appraisal Date: June 26, 2009	Estimated Board Date: June 30, 2009	
Managing Unit: AFTWR	Lending Instrument: Technical Assistance Loan	
Sector: General water, sanitation and flood protection sector (50%);Information technology (25%);General public administration sector (25%)		
Theme: Water resource management (67%);Regional integration (33%)		
SPF Amount (US\$m):	0.00	
GEF Amount (US\$m.):	0.00	
PCF Amount (US\$m.):	0.00	
Other financing amounts by source:		
Borrower	0.60	
Nile Basin Initiative Trust Fund	6.50	
	7.10	
Environmental Category: C - Not Required		
Simplified Processing	Simple <input type="checkbox"/>	Repeater <input type="checkbox"/>
Is this project processed under OP 8.50 (Emergency Recovery) or OP 8.00 (Rapid Response to Crises and Emergencies)	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>

**2. Project Objectives**

The development objective of the ENPM Project is that countries in the Eastern Nile adopt an improved decision support modeling framework to identify water-related investments and evaluate them in a regional context.

**3. Project Description**

The ENPM Project contains three major components:

Component A: Knowledge Base Development

This interactive information base will provide a shared, synoptic view of the Eastern Nile basins and their investment possibilities, with opportunities and risks as viewed from an economic, environmental and social perspective.

Component B: The ENPM Modeling System

The ENPM modeling system will include a suite of simulation, optimization and multi-criteria analytical tools to analyze the economic, environmental and social aspects of proposed investments in a water resources systems framework and to evaluate alternative scenarios of the future.

#### Component C: Institutional and Human Capacity Building

The ENPM will support the strengthening of ENTRO, country institutions and university partnerships, as well as a structured stakeholder process to ensure that the systems developed are driven by multi-sectoral stakeholder demand and appropriate to support decision-making.

#### 4. Project Location and salient physical characteristics relevant to the safeguard analysis

The project is located in the Eastern Nile region, and is located in the riparian countries of Ethiopia, Sudan and Egypt. The main sub-basins of the 1.6 million km<sup>2</sup> Eastern Nile Basin include the Blue Nile, Baro-Akobo Sobat, Tekeze, and the Main Nile system. The project is of a technical assistance nature and the information generated on environmental, social, economic perspectives on the water resources systems and existing and proposed infrastructure is expected to assist in future mainstreaming of environmental, social, and safeguard aspects into investment projects.

#### 5. Environmental and Social Safeguards Specialists

Mr Harshadeep Nagaraja Rao (SASDI)

Ms Roxanne Hakim (AFTCS)

Ms Astrid Hillers (ENV)

<b>6. Safeguard Policies Triggered</b>	<b>Yes</b>	<b>No</b>
<b>Environmental Assessment (OP/BP 4.01)</b>	<b>X</b>	
<b>Natural Habitats (OP/BP 4.04)</b>		<b>X</b>
<b>Forests (OP/BP 4.36)</b>		<b>X</b>
<b>Pest Management (OP 4.09)</b>		<b>X</b>
<b>Physical Cultural Resources (OP/BP 4.11)</b>		<b>X</b>
<b>Indigenous Peoples (OP/BP 4.10)</b>		<b>X</b>
<b>Involuntary Resettlement (OP/BP 4.12)</b>		<b>X</b>
<b>Safety of Dams (OP/BP 4.37)</b>		<b>X</b>
<b>Projects on International Waterways (OP/BP 7.50)</b>		<b>X</b>
<b>Projects in Disputed Areas (OP/BP 7.60)</b>		<b>X</b>

## **II. Key Safeguard Policy Issues and Their Management**

### ***A. Summary of Key Safeguard Issues***

1. Describe any safeguard issues and impacts associated with the proposed project. Identify and describe any potential large scale, significant and/or irreversible impacts: This recipient-executed trust fund technical assistance project is not expected to have any adverse environmental or social impacts; in fact, the aim of the project is to build local and regional knowledge, stakeholder processes, and institutional capacity to better handle environmental and social issues in water resources planning. The project has thus been categorized as Category C.

2. Describe any potential indirect and/or long term impacts due to anticipated future activities in the project area:

There are many possible direct, indirect and long-term impacts possible from the various types of water infrastructure being considered for the Eastern Nile Region. This project seeks, through targeted technical assistance, to develop a good knowledge base, modeling tools, and institutional capacity to better identify such issues and to compare alternative investment strategies from a more holistic perspective.

The project seeks to improve the systematic management of the growing environmental knowledge base of the region, collating information on the climate, water resources, land, and known environmental impacts of investments. The modeling to be supported intends to try and capture the often neglected but critical environmental impacts of proposed investments. As in the social case, the comprehensiveness of this difficult task will depend on the state of the knowledge base and relationships to be modeled with the available information. The institutional capacity to better manage environmental issues will be strengthened through staffing (environmental experts and interns), training, university partnerships, and awareness-building efforts.

The social knowledge base on the Eastern Nile is not well established or organized. The ENPM would seek to collate available social information, including what is known about the social impacts of proposed projects. The modeling tools, that often neglect social issues, are being designed at the request of the ENPM regional working group to try to best capture social issues in evaluating and comparing scenarios. This is difficult and much of the initial effort in the ENPM will be in examining the depth of the available knowledge base (e.g. people that need to be resettled for particular projects depends on whether pre/feasibility studies or other relevant surveys have been conducted) and outlining social impact indicators and relationships that can be modeled effectively (e.g. jobs per ha of irrigated area developed in different locations) with the available information. Broad stakeholder awareness and participation is limited in many such modeling efforts. The ENPM has already initiated stakeholder participation through a multi-sectoral regional working group that has guided the ENPM preparation. It is expected that a major role of the ENPM is to improve stakeholder awareness and interaction in order to develop a shared understanding of potential water investments in a regional context and guide the development of the knowledge base and analytical tools. Social capital is being built through project staffing (social development experts and interns), training, information dissemination, meetings, university partnerships and just

working together across sectors and countries to better understand how the significant potential of the Eastern Nile can be harnessed to improve livelihoods and reduce vulnerability, especially of the poor.

3. Describe any project alternatives (if relevant) considered to help avoid or minimize adverse impacts.

This project is not expected to have adverse impacts. Several project alternatives were considered trading off complexity and time of development.

4. Describe measures taken by the borrower to address safeguard policy issues. Provide an assessment of borrower capacity to plan and implement the measures described.

The project is not expected to have any significant adverse social or environmental impacts. Borrower capacity to implement the project effectively is adequate as planned. Furthermore, a #Strategy for Addressing Environmental and Social Safeguards# was developed under the NBI Institutional Strengthening Project in 2008. This document is applicable to all technical assistance projects that fall under NBI. The ongoing NBI Institutional Strengthening Project will support the development of a Nile safeguards framework that will set the ground rules for investment operations in the Nile Basin.

5. Identify the key stakeholders and describe the mechanisms for consultation and disclosure on safeguard policies, with an emphasis on potentially affected people.

Key stakeholders include technical, bureaucratic, and minister-level officials, regional working groups, national forums, universities, and the general public. No significant safeguard issues needed to be discussed at this stage, but a series of structured stakeholder consultations is planned as part of project implementation to help guide the ENPM development and facilitate its use for decision support on water infrastructure on the Eastern Nile.

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### ***B. Disclosure Requirements Date***

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#### **Environmental Assessment/Audit/Management Plan/Other:**

Was the document disclosed <b>prior to appraisal?</b>	Yes
Date of receipt by the Bank	06/19/2009
Date of "in-country" disclosure	06/19/2009
Date of submission to InfoShop	06/22/2009
For category A projects, date of distributing the Executive Summary of the EA to the Executive Directors	

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#### **Resettlement Action Plan/Framework/Policy Process:**

Was the document disclosed <b>prior to appraisal?</b>	
Date of receipt by the Bank	
Date of "in-country" disclosure	
Date of submission to InfoShop	

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#### **Indigenous Peoples Plan/Planning Framework:**

Was the document disclosed <b>prior to appraisal?</b>	
Date of receipt by the Bank	

Date of "in-country" disclosure  
Date of submission to InfoShop

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**Pest Management Plan:**

Was the document disclosed **prior to appraisal?**  
Date of receipt by the Bank  
Date of "in-country" disclosure  
Date of submission to InfoShop

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**\* If the project triggers the Pest Management and/or Physical Cultural Resources, the respective issues are to be addressed and disclosed as part of the Environmental Assessment/Audit/or EMP.**

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**If in-country disclosure of any of the above documents is not expected, please explain why:**

No adverse environmental or social impacts expected from this technical assistance project. Environmental Category C project - no environmental or social safeguard documents required to be developed or disclosed.

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***C. Compliance Monitoring Indicators at the Corporate Level (to be filled in when the ISDS is finalized by the project decision meeting)***

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**OP/BP/GP 4.01 - Environment Assessment**

Does the project require a stand-alone EA (including EMP) report?	N/A
If yes, then did the Regional Environment Unit or Sector Manager (SM) review and approve the EA report?	N/A
Are the cost and the accountabilities for the EMP incorporated in the credit/loan?	N/A

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**The World Bank Policy on Disclosure of Information**

Have relevant safeguard policies documents been sent to the World Bank's Infoshop?	N/A
Have relevant documents been disclosed in-country in a public place in a form and language that are understandable and accessible to project-affected groups and local NGOs?	N/A

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**All Safeguard Policies**

Have satisfactory calendar, budget and clear institutional responsibilities been prepared for the implementation of measures related to safeguard policies?	N/A
Have costs related to safeguard policy measures been included in the project cost?	N/A
Does the Monitoring and Evaluation system of the project include the monitoring of safeguard impacts and measures related to safeguard policies?	N/A
Have satisfactory implementation arrangements been agreed with the borrower and the same been adequately reflected in the project legal documents?	N/A

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***D. Approvals***

<b><i>Signed and submitted by:</i></b>	<b><i>Name</i></b>	<b><i>Date</i></b>
Task Team Leader:	Mr Harshadeep Nagaraja Rao	06/22/2009
Environmental Specialist:	Ms Astrid Hillers	06/22/2009
Social Development Specialist	Ms Roxanne Hakim	06/22/2009
Additional Environmental and/or Social Development Specialist(s):	Mr Harshadeep Nagaraja Rao	06/22/2009
<b><i>Approved by:</i></b>		
Sector Manager:	Mr Ashok K. Subramanian	06/22/2009
Comments:		