ANNEX 3.1 Logframe

Brief Description	Indicators	Assumptions
Objective To contribute to optimization of the benefits to be gained from the future development of agricultural water development in SSA.		
Purpose To review and systematically analyze existing information sources on multiple environmental and health impacts of irrigated agriculture in SSA and to formulate recommendations to ameliorate negative and enhance positive impacts.	Recommendations endorsed by key development institutions including the World Bank, IFAD, African Development Bank and NEPAD.	Information sources exist, accessible and provide sufficient information for analysis
Outputs A database, developed from available literature and comprising quantitative information, which it is anticipated will provide a benchmark of aggregated knowledge on the H & E impacts of investments in agricultural water. A publication on the inter-linkages between health and the environmental impacts of agricultural water development in SSA. Recommendations on how to mitigate negative environmental and health impacts of agricultural practices (including livestock keeping) whilst simultaneously enhancing the benefits of agricultural water development in sub-Saharan Africa.	Database developed by 31/08/04. Report with review of health and environmental impacts published by 31/10/04. Recommendations included in overall project report, published by 31/12/04.	Other relevant research projects provide additional information. Information sources exist, accessible and provide sufficient information for analysis
Activities Review of information sources Identification of knowledge gaps Case studies and collection of secondary data Analysis and consolidation and development of recommendations Report writing	List of sources available Listing available Hard/electronic copies of data available Draft recommendations available Draft reports available	Qualified local consultants are identified Information sources exist, accessible and provide sufficient information for analysis

ANNEX 3.2 Task and Staff Time Allocation

Task	Subtask	IWMI Staff and –time (d)	Consultant (name, cost)	Method/ output	Links with project
1. Literature review	Design approach to data collection	MM 2 EB 1 OC 1		Scheme typology Definition and maps of agro-ecological regions and agricultural production systems List of quantitative indicators Checklist for scheme reviews	
	Initiate IWMI library search	MM 1 EB 1 OC 1			
	Contact Identified institutions	MM 1 EB 1 OC 1			
	Complete scheme fact sheets	MM 3 EB 3 OC 3 CM 2		Literature Review Database of H & E impacts	SIMA, Small dams in Ethiopia Mwewa, Kenya
	Analyze data for patterns and trends and write report	MM 5 EB 3 OC 3 CM 2 FA 1		Desk review report	
2. New knowledge	Identify knowledge gaps	MM 1 EB 1 OC 1 CM 1 FA 1			
	Initiate case studies	MM 1 EB 1 OC 1			Link with other project components

Task	Subtask	IWMI Staff and –time (d)	Consultant (name, cost)	Method/ output	Links with project
		CM 1			
	Complete case study fact sheets and add to database	MM 2 EB 2 OC 2 CM 2	To be identified when case studies selected (total available – US$ 25,000)	Case study reports Additions to database	
3. Synthesis Recommendations to governments, investment banks	Bring together lit review and case studies	MM 5 EB 5 OC 5 CM 4 FA 1			
	Write component final report	MM 3 EB 2 OC 2 CM 2 FA 1		Final component synthesis report	
	Contribute to final project synthesis and recommendations	MM 1 EB 1 OC 1 CM 1 FA 1			
4. Coordination	Project coordination	MM 3 EB 2 OC 2		Contribution to final synthesis report	
	Final Workshop	MM 2 EB 2 OC 2			
Total		100 d			

MM – Dr Matthew McCartney 30 days
EB – Dr Eline Boelee 25 days
OC – Dr Olufunke Cofie 25 days
CM – Dr Clifford Mutero 15 days
FA – Dr Felix Amerasinghe 5 days

ANNEX 3.3 Gantt Chart

Task#	Description	Key person(s)	Jan-04	Feb-04	Mar-04	Apr-04	May-04	Jun-04	Jul-04	Aug-04	Sep-04	Oct-04	Nov-04	Dec-04
1	**Inception Report**													
1.1	Design approach	MM/EB												
1.2	Develop conceptual framework	MM/EB												
1.3	Develop scheme typology	MM/EB												
Milestone	**Inception report 31/01/04**													
2	**Literature review**													
2.1	Initiate IWMI library search	MM												
2.2	Contact identified institutions	MM/EB/OC												
2.3	Complete scheme fact sheets	MM/EB/OC/CM												
2.4	Analyze data for patterns/trends	MM/EB/OC/CM												
2.5	Write desk review report	MM/EB/OC/CM												
Milestone	**Desk review report 30/04/04**													
3	**Case studies**													
3.1	Identify knowledge gaps	MM/EB/OC/CM												
3.2	Initiate case studies	MM/EB/OC												
3.3	Complete case study fact sheets	Consultants												
3.4	Analyze data	Consultants/MM/EB/OC/CM												
3.5	Write field study report	MM/EB/OC												
Milestone	**Field study report 31/08/04**													
4	**Synthesis**													
4.1	Bring together lit review and case studies	MM/EB/OC/CM/AS												
4.2	Write report (**draft 30/09/04**)	MM/EB/OC/CM/AS												
Milestone	Theme synthesis –30/10/04													
5	**Overall project synthesis**													
5.1	Contribute to project synthesis	MM/EB/AS												
5.2	Write component synthesis report	MM/EB												
Milestone	**Overall synthesis report 30/11/04**	MM/EB												