

Minutes of the CLIVET Project Inception Workshop

Friday, Nov. 27, 2009

Blue Pearl Hotel (Ubungo Plaza), Dar es Salaam, TANZANIA

Program: See Appendix 1

Participants: See Appendix 2

The objectives of the meeting were to:

- Officially kick off the project
- Present the project to local-level as well as national authorities represented in the Scientific Advisory Committee (SAC)
- Consolidate overall project objectives
- Align expectations among participants, stakeholders and beneficiaries
- Support the planning for implementation
- Collect and incorporate knowledge of, and coordinate with other on-going similar initiatives and projects in Tanzania

The meeting was opened by a welcome and introduction to the project by the local Project Coordinator Prof. Pius Yanda (IRA). Subsequently, welcome addresses and introductory remarks were given by Vice Director Dr. Bjørn Jensen (GEUS), principal Project Coordinator Dr. Karen Villholth (GEUS), and Mr. Lars Mikkel Johannesen (DK Embassy). To put the project in perspective, Mr. Ruzika N. Mhetto from the National Environment Management Council (NEMC) gave a brief outline of the priorities of NEMC in terms of research into climate change. Lars Mikkel also gave a summary of the problem areas related to climate change and environment in Tanzania and the focus areas of Danida-supported activities in Tanzania. He welcomed the CLIVET project. It is anticipated that the project will generate climate projections that will be useful and of general applicability in various types of analysis and planning also outside CLIVET.

Karen Villholth went on to describe in more detail the concept and structure of CLIVET. Importantly, the project is divided into three work packages: 1. Climate projection, 2. Consequences for the hydrological system, and 3. Options for adaptation within the agricultural sector. A critical challenge is to integrate and link these work packages during the operational implementation of the project.

Mr. Willie Mwaruvanda (Rufiji River Basin Office) gave a description of the hydrological working and problem areas of the Ruaha River Basin. He stressed the importance of managing the water resources of the Greater Ruaha River basin especially because parts of the river have run dry seasonally for up to 120 days per year since the 1990s. The situation seems to have improved, but the problems have not been solved. He also informed that groundwater is increasingly utilized to supply reliable water supply for both domestic and irrigation purposes. This may be a thematic focus area of CLIVET.

Ms. Linda Kiluma (EPMS) gave a description of their approach to, and experiences with, community-based-adaptation. What was found was that adaptation is very context specific and any recommendations need to take this into account. Also, autonomous adaptation may not always be sustainable (e.g. cutting down trees to avoid evaporation, using cow dung for fuel, and keeping large herds of livestock as an insurance). Hence, it is important to look at the sustainability of the local adaptation strategies.

Mr. Petro Masolwa (WWF) gave a review of WWF activities within the Great Ruaha Catchment area. Their approach is to work with local stakeholders in the basin to improve IWRM, raise awareness and support local water users associations and catchment committees.

As the last speaker before lunch, Dr. Amos Majule (IRA) described the Climate Change Adaptation in Africa (CCAA) project and their experiences from involvement of local stakeholders in action research. Through innovation systems, the capacity of local actors for addressing climate change and variability is strengthened in a holistic matter by looking at organizational aspects, markets for assets and farmers' products, training and information sharing.

After the lunch break, the CLIVET project was further elaborated on in three presentations, representing the three work packages. First, Dr. Martin Stendel (DMI) and Ms. Sarah Osima (TMA) described the technical approach to the climate model setup and plans for running the scenarios. Secondly, Dr. Simon Stisen introduced the approach to the hydrological modelling complex that will be set up for the Greater Ruaha Basin and subsequently for smaller sub-areas. Thirdly, Dr. Emma Liwenga and Dr. Torben Birch-Thomsen presented the views and potential thematic areas of the adaptation part of the project and the suggested sub-areas to focus on.

The last session after the afternoon tea break, continued the presentations of various projects and activities in Tanzania. Dr. Reuben Kadigi (SUA) presented experiences from the RIPARWIN project. It focused on a better understanding of the hydrology of the Great Ruaha basin, optimizing water allocation and water productivity in the various sectors and building a decision support tool for integrated water management. Also, a short presentation was given by Dr. Frederick Kahimba, who talked about the CCAA project. He stressed the importance of weather forecasts, and the possibility to incorporate indigenous knowledge of forecasting into scientific approaches. He stressed that scientific climate forecasts project more rainfall over eastern central Africa, but reality seems to indicate more droughts.

Subsequently, Ms. Aichi Kitilya (ICRAF) talked about their experiences from the ReACCT project. The approach of the ReACCT is very similar to CLIVET, though different study areas are used (Morogoro, Uluguru and Kilosa) and focus is on agro forestry. Since the projects run in parallel, there is scope for further collaboration and synergy building.

Finally, a presentation was given by Mr. Alfei Daniel (IUCN) on the Climate Change and Development project covering the Pangani and Rufiji basins. He presented the CRiSTAL tool for vulnerability assessment and adaptation planning and examples of identified community adaptation measures.

Appendix 1



CLIVET PROJECT INCEPTION WORKSHOP IN TANZANIA

Programme

Friday, November 27, 2009

Venue: Blue Pearl Hotel (Ubungo Plaza), Dar es Salaam

Session 1: Opening and introduction of the project

Session Leader: Dr. Kangalawe

09.00 – 09.30 Registration /Tea/Coffee

09:30 – 09:45 Welcome address and background to the CLIVET project
Prof. Pius Z. Yanda (Director, IRA)

10:45 – 10:00 Introductory remarks
Dr. Bjørn Kaare Jensen (Vice Director, GEUS)

10:00 – 10:15 Introductory remarks
Dr. Karen G. Villholth (Principle Investigator, GEUS)

10:15 – 10:40 Introductory remarks and presentation of Danida programmes/ projects in
Tanzania
Lars Mikkel Johannessen (Counsellor, Development)

10:40 – 11:00 Coffee and tea

11:00 – 11:20 Description of the CLIVET project
Dr. Karen G. Villholth (Principle Investigator, GEUS)

11:20 – 11:40 Profile of the Ruaha River Sub-Basin
Mr. Willie Mwaruvanda (Rufiji River Basin Water Officer)

11:40 – 12:00 IIED/EPMS approach to Community-Based-Adaptation
Ms. Linda Kiluma (Adaptation Programme Officer, EPMS)

Appendix 1

- 12:00 – 12:20 WWF work in the Great Ruaha catchment area from 2003 - 2009
Mr. Petro Mosalwa (Conservation Manager, WWF Tanzania)
- 12:20 – 12:40 Projects: Agricultural Water Management Solutions (AWMS) and Climate Change Adaptation in Africa (CCAA)
Dr. Amos Majule (Associate Director, IRA)
- 12:40 – 13:00 Open discussion
Dr. Karen G. Villholth (Principle Investigator)

13:00 – 14:00 LUNCH BREAK

Session 2: Presentation of CLIVET work packages and related projects in Tanzania Session Leader: Prof. Ngana

- 14:00 – 14:20 Work Package 1 (Climate)
Dr. Emmanuel Mpeta (TMA) and Dr. Martin Stendel (DMI)
- 14:20 – 14:40 Work Package 2 (Hydrology)
Dr. Patrick Valimba (CoET) and Dr. Simon Stisen (GEUS)
- 14:40 – 15:00 Work Package 3 (Adaptation)
Dr. Emma Liwenga (IRA) and Dr. Torben Birch-Thomsen (IGG)
- 15:00 – 15:30 Coffee and tea
- 15:30 – 15:50 Experiences from RIPARWIN project in Ruaha and CC research in Pangani and Ruvu-Wami basins, Tanzania
Dr. Reuben Kadigi (SUA) and Dr. Frederick Kaminba (SUA)
- 15:50 – 16:10 Experiences from ReACCT project in Tanzania
Ms. Aichi Kitalyi (Tanzania Country Representative, ICRAF)
- 16:10 – 16:30 Experiences from the Climate Change and Development Project
Mr. Alfei Daniel (Climate Change Project Coordinator, IUCN)
- 16:30 – 17:00 Open discussion and reflection from invited guests
Dr. Karen G. Villholth (Principle Investigator)
- 17:00 Closing of the workshop (Director, IRA)

Appendix 2

CLIVET PROJECT INCEPTION WORKSHOP IN TANZANIA

PARTICIPANTS

Friday, November 27, 2009

Venue: Blue Pearl Hotel (Ubungo Plaza), Dar es Salaam

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Appendix 2

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