

ANNOUNCEMENT AND CALL FOR CONCEPT NOTES FOR RESEARCH PROJECTS TO BE UNDERTAKEN UNDER THE CCIAM PROGRAMME

The CCIAM (Climate Change Impacts, Adaptation and Mitigation) Programme wishes to announce and call upon researchers from participating institutions to submit research concept notes under the themes listed below.

The concept notes will then be subjected to a peer review process following which authors of selected concept notes will be invited to submit full research proposals as shall be guided by the Joint Steering Committee of the CCIAM programme.

1.0 BACKGROUND

The Royal Norwegian Government and the Government of the United Republic of Tanzania have signed an agreement to support the participation of Tanzania in the development and implementation of the programme to address challenges of climate change with the purpose of increasing Tanzania's participation in the mitigation of and adaptation of the effects of climate change.

Developing, optimizing and sustaining readiness and adequacy in capacity to address the challenges brought by climate change will require a number of interventions through raising awareness, training to build capacity at various levels, and conducting research and outreach activities.

The research component has the following specific objectives which are translated into thematic areas:

- 1) Development of appropriate climate change mitigation and adaptation strategies in forestry, other land uses, ecosystems and biodiversity management.
- 2) Assessment of climate change impacts and vulnerability on ecosystem services and livelihoods under REDD initiatives.
- 3) Policy and legal framework analysis of climate change adaptation and mitigation with emphasis on economic efficiency, ecological effectiveness and wider political legitimacy.

Further elaboration on focus Areas for each of the research themes above as well as Guidelines on the preparation and submission of the concept notes is provided in the subsequent sections.

Theme 1: Development of appropriate climate change mitigation and adaptation strategies in forestry, other land uses, ecosystems and biodiversity management

- Quantification of the potential for forestry based carbon off-sets and carbon trading
- Development of forest carbon assessment and monitoring system
- Determine effective and efficient payment system for REDD in Tanzania
- Determine appropriate approach to limit deforestation and forest degradation in Tanzania for its participation in REDD
- Modelling of impacts of climate change and management scenarios in forestry, land-use, ecosystem and biodiversity
- Assessment of Small Holder Forestry Potential for Climate Change Mitigation, Adaptation and Rural Development
- Financial analysis of Carbon sequestration and storage
- Development of strategic interventions for adaptation in forestry, and other land uses including human settlements.
- Assessment of innovative agricultural land use and farming systems for adaptation to and mitigation of climate change to support REDD initiatives.
- Development and testing of various range land management strategies for the purpose of reducing pressure on forest resources for adaptation and mitigation to climate change

Theme 2: Assessment of climate change impacts on and vulnerability of ecosystem services and livelihoods under REDD initiatives:

- Establishment of trends and projections of ecosystem services associated with climate stressors.
- Model effects of alternative management options on ecosystem services under changing climate.
- Development of methods to describe relationships between ecosystem services, climate stressors and management responses.
- Assessment of local climate change vulnerability of biodiversity and forest related livelihoods and adaptation options.
- Assessment of macroeconomic impacts of climate change in forest resource management and its implication for different ecological zones.
- Integrated analysis and synthesis of lessons learned from adaptation options and macroeconomic impacts.

Theme 3: Policy and legal framework analysis of climate change adaptation and mitigation with emphasis on economic efficiency, ecological effectiveness and wider political legitimacy

- Analysis of climate change related policies and legal framework in Tanzania.
- Analysis of land competition in the context of climate change adaptation and mitigation efforts and how the competing interests are balanced in Tanzanians present policies and policy implementations.
- Analysis of various REDD initiatives that are addressed through markets, private and public sector management, and civil society.
- Determine how institutional arrangements and governance affect various forest management regimes (CBFM, Plantations, Private forests, general land forests and forest reserve) in the context of climate change.
- To determine the feasible incentive structures, monitoring mechanisms, controls leakages and additionality to influence policy formulation and implementation for climate change adaptation and mitigation.

NB: *It is guided by the CCIAM programme document that 50% of the research projects to be funded shall address issues related to forests and ecosystem services. The remaining 50% shall be on crosscutting issues related to REDD initiatives, agriculture, and other land uses.*

2.0 ELIGIBILITY

The call is open to researchers in collaborating institutions in Tanzania and in Norway. There are four collaborating institutions in Tanzania namely; Tanzania Meteorological Agency (TMA), Sokoine University of Agriculture (SUA), University of Dar es Salaam (UDSM) and Ardhi University (ARU). There also collaborating institutions in Norway that are coordinated through the University of Life Sciences (UMB). Concept notes for collaborative research projects should be demand driven and aim at enhancing research activities related to mitigation and adaptation of climate change impacts with a strong emphasis on REDD.

It is expected that prospective research projects may be conducted in areas where the REDD pilot projects areas will be undertaken. Some of such areas will be announced during the Inception Workshop of this programme to be conducted at Ardhi University in Dar es Salaam on the 19th February 2010. All potential authors of concept notes are encouraged to attend the inception workshop.

3.0 FORMAT FOR DEVELOPING CONCEPT NOTES

A concept note is a brief outline of a proposed research. The concept note should:

- Outline background, spell out research problem, objectives, methodology, location where the work is expected to be carried out and indicative budget;
- Identify the principal researcher and other researchers involved in the project, their qualifications, specific roles and their track records; and
- Not exceed 3 pages, excluding the attachments - with single spaced paragraphs and font size 12 Times New Roman in Microsoft Word.

If the concept note is accepted, one will be invited to prepare a full proposal. However, one may be asked to clarify certain issues before proceeding to the full proposal stage. In some cases concept notes on related topics may be merged into one.

Concept notes addressing more than one of the above themes are encouraged. The organization of the concept note should be as outlined in Table I below:

Table 1: Organization and narrative summary of the concept note

1. Research Title 15 - 20 words maximum	The title should capture reader's attention on the essential theme(s) of the proposed research. - Show clearly what is being investigated. - Have a concise and focused title. - Be short, preferably not more than one line. - Avoid unnecessary punctuation (commas, colons, semi-colons). -Should not repeat keywords.
2. Selected Thematic Area	Select one of the three thematic areas and state the major research focus one intends to accomplish in the project
3. Research Problem	A short summary of the research problem. What does the investigator want to find out? What will be known after doing this research? What are the research questions? Use a clear and logical style in writing.
4. Background	A concise review of the main research work and current issues in the specific subject area. What is already known about this specific subject? This is not a literature review; you do not need to do one for a concept note.
5. Objectives	Should clearly state the overall and specific objectives as well as hypothesis.
6. Methodology	Outline clearly the methods and approaches of data collection and analysis.
7. Expected outputs and outcomes of the proposed project	Clearly outline the outputs and outcomes that the project is expected to generate
8. Location	Indicate clearly where the research will take place and justification for the choice of the site(s).
9. Researchers	The principal researcher should be identified. The name(s) and full contact details collaborating researchers should be provided. State briefly the qualifications, research experience of all researchers and their roles in the project implementation. Multidisciplinary, multi-institutional collaboration is highly encouraged. Attach short CVs (maximum three pages each)
10. Budget lines	Provide indicative budget with key cost centres
11. Project Timeframe	Show the duration of the project and the timeline for major activities

4. INDICATIVE RESEARCH PROJECT BUDGET AND PROJECTS' DURATION

The duration for prospective research projects under this programme will be three years. Since the programme is for five years, projects that perform well may be extended for another two years, whereas projects that will not perform well may be replaced by other research projects whose call will be made in the third year of the programme.

It is planned that the programme may be able to support up to 12 research projects distributed optimally among all the participating institutions.

The indicative budget for each project may rise from TZS 50m in the first year through TZS 70m in the second year and up to TZS 100m in the third year.

Prospective authors of concept notes who may have queries concerning the compliance stipulations, other requirements and technical details of this Call are invited to contact the Programme Coordinator for clarification. All queries should be submitted by email addressed to cciam@suanet.ac.tz, and cciam@gmail.com.

5. INVOLVEMENT OF POSTGRADUATE STUDENTS IN RESEARCH PROJECTS

In addition to this announcement and call for research concept notes, the CCIAM programme will in **April 2010** announce and invite applications for candidates with applicable qualifications to compete for award of Masters and PhD Scholarships. **A total of 25 Masters and 17 PhD Scholarships** will be made available for competition. Candidates granted such scholarships shall be required to conduct the research part of their studies within the approved CCIAM research projects based on the themes above.

To that effect, each research project will be allocated at least **two Masters Students** and at least **one PhD student**. Each such postgraduate student will come into the project with additional funds provided separately by the programme. Such funds shall be paid directly to the projects absorbing the students. Research projects are not expected to budget for maintenance costs or university fees for such students. The students will be coming into projects to provide additional human resource for implementation of the respective approved research project activities.

6. SUBMISSION OF THE CONCEPT NOTE

Submission should be in a form of one hard and two electronic copies (one in word and one in pdf format). The deadline for submission of both hard and electronic copy is **19th March 2010 at 15:30 East Africa time**. Concept note received after the deadline will not be included in the evaluation.

In electronic submission of concept notes as attachments to emails, ensure that the file name bears the surname of the Principal Investigator as a prefix to the file name that is: "Surname of principle investigator - CCIAM Call for Concept note 2010" (e.g. Kangalage – CCIAM call for Concept note 2010).

The hard copy should be submitted together with a covering letter from the Principal Investigator and routed through the respective Institutional Programme Coordinator (who should have a copy of the same to retain) to the Programme Coordinator (PC) through the following address:

**The CCIAM Programme Coordinator
CCIAM Programme Coordination Office
Sokoine University of Agriculture
P.O. Box 3151
Morogoro, Tanzania.**

An electronic copy of the document should be emailed to:

cciam@suanet.ac.tz, and cciam@gmail.com.

The decisions taken as a result of the review process will be made known to the Principal Investigator of each Concept note by the **5th week** after the submission. Tentatively, by **23rd April 2010** at the latest.