



TERMS OF REFERENCE (TOR)

Integrated Water Resources Management Ethiopia Program (IWRM-Ethiopia) - One Local Expert - Water Resources Management, Ecohydrology and Water Quality CUP_B57F24000180005

Background and context

CIMA Research Foundation (Centro Internazionale in Monitoraggio Ambientale, CIMA) is a scientific organization governed by Italian public law. Established in September 2007, CIMA evolved from the existing CIMA Research Inter-university Centre, preserving and enhancing the knowledge and experience of its original researchers and professors. In 2012, CIMA was designated as the Competence Centre of the Italian Civil Protection System for the hydrometeorological sector, forest fire risk, and legal liability of civil protection operators. In 2018, CIMA was recognized as an operational structure of the National Service of the Civil Protection Department under decree law 1/2018 (Civil Protection Code).

The Integrated Water Resources Management Program for Ethiopia (IWRM-Ethiopia) aims to enhance integrated water resources management in three river basins: the Webi Shebele, the Lower Awash, and the Danakil. The program seeks to improve drought resilience and reduce climate change vulnerability. This four-year intervention is funded by the Italian Agency for Development Cooperation (AICS) within the framework of the EU-supported Contribution Agreement NDICI AFRICA/2023. Implementing agencies include CIMA and the Italian National Research Council (CNR).

To achieve its objectives, the IWRM-Ethiopia program focuses on strengthening the capabilities of federal, basin, and sub-basin institutions, particularly the Ministry of Water and Energy (MoWE) and the Basin Development Offices (BDOs). The program supports the development of basin plans, improves integrated information systems, and enhances governance for better data utilization and institutional coordination. It also includes learning sites and outreach activities to promote efficient and sustainable water resource management by local communities in the targeted basins.

In Ethiopia, the program is overseen by the AICS Program Management Unit (PMU), comprising the AICS Program Manager, AICS Admin & Financial Expert, AICS Technical Expert, and the Project Leader. The CIMA Component is implemented through a CIMA-dedicated Program Coordination Unit (PCU), which includes the CIMA Project Coordinator, CIMA Financial Manager, the Project Leader in Ethiopia, and the Local Experts.

Position Description

CIMA is seeking one Local Expert in Water Resources Management/Ecohydrology/Water Quality to support the Project Leader in Ethiopia and contribute to the implementation, management, monitoring, and coordination of the IWRM-Ethiopia Program. The Local Expert will provide technical expertise and support the program by liaising with local authorities (MoWE and BDOs), implementing activities in-country and leveraging his/her professional experiences and knowledge of the Water Resources Management/Ecohydrology/Water Quality sector in Ethiopia.

The activities position is Addis Ababa, Ethiopia.

Major Duties and Responsibilities:

Technical Support and Program Implementation

- Provide expertise and support to the PCU, the PMU, MoWE, and BDOs in the development and implementation of basin plans and water management strategies;
- Assist in the collection, analysis, and interpretation of current governance and policy frameworks for IWRM;
- Assist in the identification of options by using national and international best practices and assess the methodologies adopted in existing basin development plans;
- Assist in the survey on existing data and monitoring equipment, stations and laboratory infrastructures to assess surface and groundwater quantity and quality to advise on technical features of equipment for water quality monitoring;
- Data gathering in online repositories for input data needed for basin scale modelling. Identification, and review of existing documents products, maps, and research works relevant to surface and groundwater;
- Assist in the collection, analysis, and interpretation of hydrological/Ecohydrological/water quality and hydro-meteorological data in the field by organizing sampling campaigns and monitoring activities in the studied basins;

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- Support and selection of watersheds areas for demonstration based on sustainable approaches for the implementation of NBS applications including the involvement of local communities and assist in the implementation;
- Assist in the organization of technical trainings, local communities' meetings and consultations, expert exchanges;
- Support the revision of the hydrometeorological observation network, participating in field missions as and when required;
- Supervise in-country activities, particularly those led by consultants and consulting firms;
- Contribute to the development and enhancement of integrated information systems for water resource management;
- Facilitate coordination and communication between the program management in Addis Ababa, the technical team in Italy, and other relevant initiatives in the country. For this purpose, a regular and strong link with other project personnel working at AICS premises in Addis Ababa is needed.

Stakeholder Engagement and Capacity Building

- Establish and maintain effective working relationships with in-country partners and stakeholders, including government agencies, local institutions, and authorities.
- Organize and facilitate workshops, training sessions, and capacity-building activities for local stakeholders and communities.
- Provide technical guidance and training to MoWE and BDO staff on hydrology and water resource management best practices.

Monitoring, Evaluation, and Reporting

- Assist the Project Leader and the Project Coordinator in updating the Monitoring & Evaluation (M&E) framework and preparing M&E reports based on the developed framework.
- Document program highlights, good practices, and lessons learned, including stakeholder and user feedback.
- Lead the preparation of Annual Progress Reports, Work Plans, and other relevant technical and operational documents.

Other Duties

- Participate actively in meetings and discussions with program and project partners.
- Lead and attend country missions, including those outside of the duty station (Addis Ababa) within Ethiopia. Expenses incurred to travel under this assignment will be reimbursed by CIMA, ONLY upon presentation of valid receipts.
- deliver a technical report on a bi-monthly basis.

Minimum Qualifications

- At least 5 years of professional experience in the hydrology sector in Ethiopia, with a strong understanding of the country's water resource management challenges and opportunities. An academic background in environmental sciences, water resources, biology, environmental chemistry, natural sciences or a closely related field is required.
- Previous experience working with the Ministry of Water and Energy (MoWE) and familiarity with its policies and procedures would be a strong asset.
- Experience in program coordination, stakeholder engagement, and capacity-building activities.
- Proven expertise in producing high-quality technical reports and documents in English and Amharic (both oral and written).
- Strong technical knowledge of hydrology and water resource management.
- Proficiency in data analysis and the use of relevant software tools for hydrological modeling and analysis.
- Excellent communication and presentation skills in English and Amharic (both oral and written).

Overview of the Assignment

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- **Location of activities:** Addis Ababa, Ethiopia.
- **Position:** Local Water Quality Expert.
- **Duration:** TBD in the interview phase
- **Contract value:** 25.200 €/year. This is a lump-sum, including taxes and VAT, if due.
- **Contract nature:** TBD in the interview phase
- **Payment modalities:** paid upon positive evaluation of the technical report (EUR or USD compliant bank account must be assured).
- **Expected Start Date:** As soon as possible.

Interested candidates should submit their CV together with a one-pager cover letter to iwrm@cimafoundation.org by **24/10/2024 12.00 A.M. CEST (Rome time)**. The subject of the email should be **Local Water Quality Expert – Integrated Water Resources Management Ethiopia (IWRM-Ethiopia)**.

- Only applicants of further interest to CIMA will be contacted. Based on the interview outcomes, a proposal for the assignment or the position within CIMA will be made to the candidates.
- CIMA declares that until the assignment is awarded, or until the relationship is established, it may interrupt and even cancel the procedure, without the participants having any claim whatsoever.
- Any questions related to this call can be directed in English to Nicola Berni via email at: iwrm@cimafoundation.org.

Data Protection

With this document, CIMA Foundation is authorized to process the personal data of the subjects involved in the relationship referred to the object, exclusively for the purpose of carrying out the relationship, pursuant to art. 13 of Legislative Decree 196/2003 (EU Reg. 2016/679). The data will be collected, processed, and stored by the CIMA Foundation, preferably in digital format, through systems owned or controlled by third parties, with which the Foundation has agreements to ensure adequate technical standards of protection. The maximum data retention time will not exceed two years from the end of the relationship. The data controller is CIMA Foundation.

Savona, 10/10/2024

The Managing Director

Luisa Michela Colla

A handwritten signature in black ink, reading "Luisa Michela Colla".

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