 Terms of Reference for External Evaluation of  
Integrated Rural Urban Water Management for Climate Based Adaptations in Indian Cities  
(IAdapt) 
Supported by International Development Research Centre (IDRC) Canada 

1. Background Information and Rationale 

This document - ‘Terms of Reference (ToR)’ is for the purpose of external evaluation of the International Development Research Centre (IDRC) Canada funded project on Integrated Rural Urban Water Management for Climate Based Adaptations in Indian Cities (IAdapt) 

1.1 About Project 

The IAdapt project supported by International Development Research Centre IDRC Canada is implemented by ICLEI South Asia in partnerships with Athena Inforonics LLC, International Water Management Institute (IWMI) and Indian Institute of Technology, Madras (IITM) in two Indian cities (Solapur in Maharashtra and Vijayawada in Andhra Pradesh). The overall objective of the project is to institutionalize climate change adaptation measures by creating an enabling ecosystem within cities to adopt and implement IUWM approaches at a city level and an approach towards IWRM at catchment level guided by participatory Catchment Planning, simple decision support tools, preparation of catchment level action plans and multipronged financing approaches.

This project would facilitate in building the capacity of water managers and decision makers at catchment level (rural and urban both) to understand and implement principles of Integrated Urban Water Management (IUWM) and Integrated water resource Management (IWRM) in their conventional planning processes. The project work towards developing an understanding for management of the water cycle loop holistically, through integrated planning of water resources from source to reuse.

1.2 Project Partners 

ICLEI South Asia is the lead partner for the project and implementing the project in partnership with Athena Inforonics LLC, Chennai, International Water Management Institute (IWMI), Sri Lanka and Indian Institute of Technology, Madras (IITM).

1.3 Objectives of the Project 

Overall objective: The overall objective of the project is to institutionalize climate change adaptation measures by creating an enabling ecosystem within cities to adopt and implement IUWM approaches at a city level and an approach towards IWRM at catchment level guided by participatory Catchment Planning, simple decision support tools, preparation of catchment level action plans and multipronged financing approaches.

Specific objectives:
A. Expanding an existing IUWM framework to catchment area while addressing challenges presented by climate change for improved water security at catchment level
B. Developing multi-stakeholder platforms to bring together rural and urban stakeholders and/or upstream and down-stream users to enable greater exchange of information and
promote collaborative action and planning for improved water management. Special focus will be laid on marginalized communities.

C. Scientifically informed and participatory Catchment Management Plan formulation for long term water security and management at catchment level by including urban and rural stakeholders

D. Capacity building of stakeholders on various aspects of IUWM, climate change, scientific decision making and project financing.

E. Creation of a compendium on ‘innovative’ financing options for IUWM and IWRM, with focus on innovative approaches, facilitated through cross learning

1.4 Project Cities

The Project has been implemented in two Indian cities and their micro catchments. The project cities were selected based on their geographical location and climate. Both cities lies in Krishna River Basin and experience floods and droughts. These cities are:

- **Andhra Pradesh**: Vijayawada Micro Catchment- Vijayawada Urban (12 wards), Vijayawada Rural (4 villages) and Gannavaram (4 villages).
- **Maharashtra**: Solapur Micro Catchment or Ekrukh Catchment – Solapur City (98 wards), Solapur Rural (3 villages-Tale Hipparga, Haglur, Ekrukh)

1.5 Expected Results and Deliverables

- Integrated governance mechanism through constitution of a RURBAN platform in both cities with representation from urban and rural local bodies, catchment managers, private players and civic society
- Development of a Decision Support Tool to facilitate decision making
- Formulation of a Catchment Management Plan, through a consultative process, to lay down vision, goals and objectives for the catchment
- Implementation of demonstration pilot for climate adaptiveness
- A compendium of potential financing sources
- Dissemination of project findings to other cities and advocacy at State level and National level

1.6 Project Duration

3 years (from 15th January, 2018 to 15th January, 2020 with an extension for 1 month i.e. 15th February, 2020).
2 Objectives of the ToR for Review of IAdapt Project

2.5 Overall Objective of the ToR

The overall objective of the ToR is to conduct a comprehensive technical review of the IAdapt project and evaluate success towards attainment of overall objectives, specific objectives and expected results of the project; and to make recommendations for future actions, if any.

2.6 Specific Objectives of the Evaluation

a) To assess the performance of the IAdapt project in achieving the overall objective of the project and the specific objectives towards institutionalizing climate adaptation measures to undertake water sector reforms.

b) To assess completion of key tasks listed under work packages for the project and highlight the key achievements and shortfalls (if any) of the project.

c) To assess the benefits for stakeholders from the project, particularly the participating Municipalities and Rural authorities.

d) To assess the value for money that the project has been able to deliver and for future replication of the project.

3 Scope of the Evaluation

This evaluation is a technical evaluation of the IAdapt project. The scope of tasks includes:

3.1 Understanding the project objectives, specific objectives and expected results.

3.2 Discussions with team from ICLEI South Asia and partners on various aspects of the project and review of publications made under the project.

3.3 Visit to project cities and undertaking meetings/consultations with City Municipalities and other key stakeholders (selected ones).

3.4 Visit to pilot project implementation sites and assessment of impact of pilot interventions and scope for replication of the same.

3.5 Review of key aspects of the project including, but not limited to:

a) Assessment of overall success of the IAdapt project implementation in formulating the RURBAN platform, developing decision support tool, developing a catchment management plan and for sensitization towards water sector reforms in project cities.

b) Assessment of extent of attainment of overall project objective, benefits to stakeholders, especially city municipalities and capacity building interventions undertaken as part of the project at catchment level.

c) Assessment of visibility for IDRC at local, state and national level and dissemination of project activities and achievements at National and international platforms.

d) Identification of potential for future outreach of the project and replication to other cities.
4 Professional Qualifications

Project implementation shall be externally evaluated by independent evaluator with proven track record and relevant expertise in the water management sector. The evaluator should not have been associated with the design and implementation of the project. The evaluator should have the following minimum qualifications:

i) At least 12 years of technical experience in the project-related areas;
ii) Expertise in urban/environmental/water related issues;
iii) Experience with assessment of projects for local authorities, in particular, projects funded by international organizations.
iv) Experience in working in the region (of project cities) would be an additional advantage.

4.5 Deliverables and Schedule

The deliverables for the project would be:

- Project briefing meeting with ICLEI South Asia
- Visit to project cities
- Draft Evaluation report: This report will include:
  - Key findings by the reviewer on the aspects of the project mentioned under ‘Specific objectives of the Evaluation’ and ‘Scope of the Evaluation’
  - Report on site visits as part of the evaluation report
- Incorporation of comments or queries by ICLEI and project partners as well as IDRC
- Submission of final evaluation report

4.6 Contract amount

The evaluator is expected to provide detailed quote with workplan, timelines and breakup of costs for travel, accommodation, per diems, logistics, taxes, etc. The evaluator is expected to provide schedule of the evaluation process. The payment shall be made by ICLEI South Asia to the reviewer under the IAdapt project, subject to completion of tasks under this contract to the satisfaction of IDRC and ICLEI South Asia.

4.7 Payment schedule

The payment schedule for the project shall be as follows:

- First installment (50%): At the time of signing the contract.
- Second installment (50%): After final report submission and approval from IDRC.

Following tasks to the satisfaction of ICLEI South Asia and IDRC

- Documentation review (desk study) to assess successful achievement of project overall objectives, specific objectives and expected results.
- Visits to project cities for direct interviews with project stakeholders (especially City Municipalities) and visits to pilot project site(s).
• Submission of evaluation report on findings described under ‘Specific Objectives of the Evaluation’, ‘Scope of Evaluation’, and other related sections of this contract.
• On acceptance of evaluation report by IDRC and incorporation of any observations suggested by IDRC

4.8 Contract Duration

The evaluation process should be conducted within 3 weeks from the date of signing of contract between ICLEI South Asia and the external reviewer. The contract shall remain valid till the evaluation report is accepted by the IDRC.