



Invitation for
Collaborative Research on
**Farm Pond
Characterization**

In collaboration with



MOTIVATION FOR THE RESEARCH

There are many policies and programs that are implementing and promoting farm-ponds in different agro-ecological zones of the country to meet different objectives. There is large variation in the type of ponds that are constructed, in the different actors and agencies that are involved, the processes that are followed to implement them, the associated farm practices and the impact of these ponds at farm scale and system scale. Even though policies and programs refer to a common term “farm pond”, this term no longer represents a singular (traditional) idea of a dug-out water harvesting structure. Instead, there is large diversity in farm-ponds and their role in hydrological and socio-economic terms, with each kind having its own strength and limitations.

While some studies have been conducted on specific types of farm-ponds in certain regions, there is a need for a comprehensive research on characterization and use of farm-ponds in different agro-ecological zones of the country and their impacts at different scales. Such a study will map out different characteristics of the farm-ponds in relation to the local biophysical, agro-ecological and socio-economic factors.

This will result in a more nuanced understanding of different types of farm-ponds, and the strengths and limitations of different approaches to implementation of farm-pond in different contexts. With this, the study aims to (a) create a repository of knowledge for practitioners, and researchers, and (b) provide guidelines to different implementing agencies and government policies engaged in farm-pond programs.



Study Objectives

- A. Develop a framework for characterizing different types of farm-ponds and their implementation based on local context (E.g. some attributes to be included in the framework: objective of farm-pond, structure of pond, source of water, water use practice, ownership and other institutional arrangements, O&M, agro-ecological and biophysical attributes; economic attributes; schemes/programs promoting it: eligibility, subsidies; benefits and challenges)
- B. Using the above framework, characterize different types of farm-ponds implemented in different agro-ecological zones of the country
- C. Conduct a farm-scale and systems level impact assessment of selected types of farm-ponds



Invitation for collaboration

This study is being conducted by the **School of Public Policy, IIT Delhi**, in collaboration with **Revitalising Rainfed Agriculture (RRA) Network**. The Principal Investigator of the study is Prof. Pooja Prasad. We seek collaboration from organizations engaged in farm pond implementation and / or organizations interested in studying farm-ponds in their focus region.

We propose to collaboratively develop a framework for characterizing different attributes of farm ponds through online working meetings, and participation in data collection and analysis. The generated output will be a collaborative effort and will be cited as such.

Scope of the Study

Objectives 1 and 2 of the study focus on the implementation and impact of farm ponds across diverse agro-ecological zones in India. The impact assessment (**Objective 3**) will be conducted in selected regions and will aim to cover different typologies of farm-ponds.

How to Submit

We request interested organizations to reach out to us by filling out this form

<https://forms.gle/5aoF4p1qbrVPN4Lv6>

or write to us at
fprc.2024@gmail.com



7th June 2024*

* This is not for the final date,
it is for the middle of the deadline.