

Conventional design of lift irrigation schemes involves calculating the optimum dia. of pipeline as well as the capacity of pumpset(s) for the required discharge. Ability to visualize temporal variations in pressure, velocity and discharge (through simulations in EPANET) at different sections of the lift scheme is not only useful but also exciting.

Objective of the event:

To orient participants on the value-addition of EPANET simulation in evolving optimum lift irrigation scheme designs.

Target Participants:

Technical staff of NGOs, practising civil & agriculture engineers, engineering staff of Irrigation and Water Resources Departments, technical staff of Lift Irrigation Corporations, Researchers, Engineering Faculty as well as Students.

Contents of the Workshop:

1. Conventional design of a lift scheme
2. Basics of EPANET
3. Simulating a lift scheme using EPANET
4. Optimizing design using simulation results

Language of the Event:

English

Resource Person:

R.V.Ramamohan M.E., PhD

Ramamohan has got about 25 years' experience in water conservation approaches, with nearly 10 years of practical exposure to analysis and design of irrigation systems using EPANET.

Practical Workshop on Design & Simulation of Lift Irrigation Schemes using EPANET

Mode
Online

Date(s) & Time

1-2 Aug 2024 (14.30-17.30 hrs IST)

Registration

<https://forms.gle/tryJfznuXfhxNxuM6>

**Web link of the event will be sent later
to the registered participants.**

Participation Contribution:

Participants are expected to contribute:

- On (or) before 10 Jul 2024: INR 350
- After 10 Jul 2024: INR 550

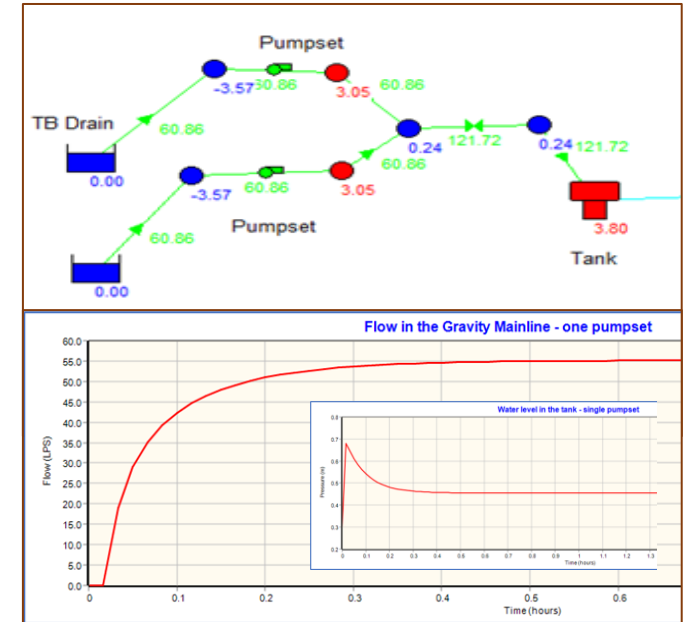
Reading and reference material (soft copy) is provided to all the participants.

WLF is a non-profit organization committed to water and livelihoods security of target communities. Contributions to this event will be used to support the needy with access to potable drinking water, promoting groundwater recharge and efficient use.

Interested participants may register for the workshop by filling in the following Goolge form:

<https://forms.gle/tryJfznuXfhxNxuM6>.

Participants interested to share specific design cases for live demonstration may mail to wlfoundation@outlook.com.



Water and Livelihoods Foundation (WLF)

12-13-451, Street no.1, Tarnaka
Secunderabad – 500017, Telangana, India
Web: www.wlfoundation.in, Ph: 040 27014467
e-mail: wlfoundation@outlook.com