



Introducing Participatory GIS

Workshop at the FERAL Campus
on the 10th and 11th of November, 2017

Workshop Overview

This two day workshop is being conducted under the aegis of the Swachhta Pakhwada, an initiative of the Government of India's Clean India Mission.

During the workshop, participants will be introduced to participatory GIS tools and techniques through hands-on use of ODK-Collect and Quantum GIS. There will be a half-day field exercise at a nearby village during which participants will create a village map focusing on solid and liquid waste management and mapping of drinking water infrastructure in the village. Participatory street mapping technique will be used during the field exercise.

This map will be visualised with high resolution imagery of the area and other relevant data and participants will come up with solid/liquid waste management plans based on discussions amongst themselves.

Topics Covered

- ▷ Geo-referencing a cadastral map.
- ▷ Digitising.
- ▷ Using ODK-Collect to gather geo-tagged data (images and text).
- ▷ Creating thematic layer from field data.
- ▷ Map composition.

There will be a half-day field exercise in a nearby village. Participants will be expected to analyse the data they have collected in groups and derive maps based on these discussions.

Software Requirements

Participants are required to bring their own lap-top computers and android smart-phones with the latest versions of the software mentioned below. **Please install and test all the software before coming.**

- ▷ QGIS <https://www.qgis.org>: GIS and basic remote-sensing.
- ▷ ODK-Collect <<https://play.google.com/store/apps/details?id=org.odk.collect.android&hl=en>>: A replacement for paper forms with support for geo-locations, images, audio clips, video clips and barcodes, as well as numerical and textual answers.

Timings

The workshop will be between 09:00 and 17:30 hrs. However the closing timings may be extended if required.

Logistics

There is no fees for this workshop and participants will be provided tea and lunch. *Note: participants need to make their own arrangements for travel and stay.*

Outstation participants please note that Pondicherry is a busy tourist town and you will need to book hotel/guest house rooms well in advance. Pick up and drop from JIPMER bus stop to the FERAL campus will be arranged on request. The shuttle will leave from JIPMER bus stop at 08:30AM.

The workshop will be run at the FERAL Campus. The closest landmark is the Morattandi toll gate on the Pondicherry-Tindivannam highway.

The address of the FERAL Campus is:

170/3 Morattandi, Auroville Post.

Vanur Tk., Villupuram Dt.,

Tamil Nadu 605101.

Visit this link for directions: <http://feralindia.org/drupal/our-campus-morattandi-0>.