



## Handout

### Case study: MET Weather Stations managed by local youth, by WOTR, Pune

**WOTR has helped set up MET Weather stations in 52 villages in Sangamner district, Maharashtra.**

The MET weather stations are connected to local IMD → MPKV for issuing advisories.

Local youth have been trained on checking wind direction, temperature, etc., - after training, hand holding, support, for a while.

As part of the training programme for school children, the concepts were explained as follows:

- **Guiding question:** Explain differences between weather and climate
- One WOTR activity to explain global warming – compare world to body – both have  $\frac{3}{4}$  amount water, both an atmosphere surrounding it, both living, both are using O<sub>2</sub> and giving out CO<sub>2</sub>. Ask a participant to lie down on the floor. The earth has an atmosphere which is a thin layer of air. Place a sheet over the participant lying down. Ask if the person is comfortable. The person will say yes. Activities and the sun heat the atmosphere and body surface. Place another blanket over the body. Each time ask if comfortable. As the body gets uncomfortable in greater heat so does the earth. There will come a point when the body starts getting uncomfortable in the heat and will start showing signs such as shifting and moving, and then ask for the blankets to be removed, or remove them on his/her own. Ask the participants why this happened? As the earth experiences global warming, the earth also starts shifting and moving, and this is what we see in the form of climate change – disruptions, extreme weather conditions, floods, drought, landslides... Discussions on what can be done to reduce climate change, removal / arresting is not possible, but mitigation is...

