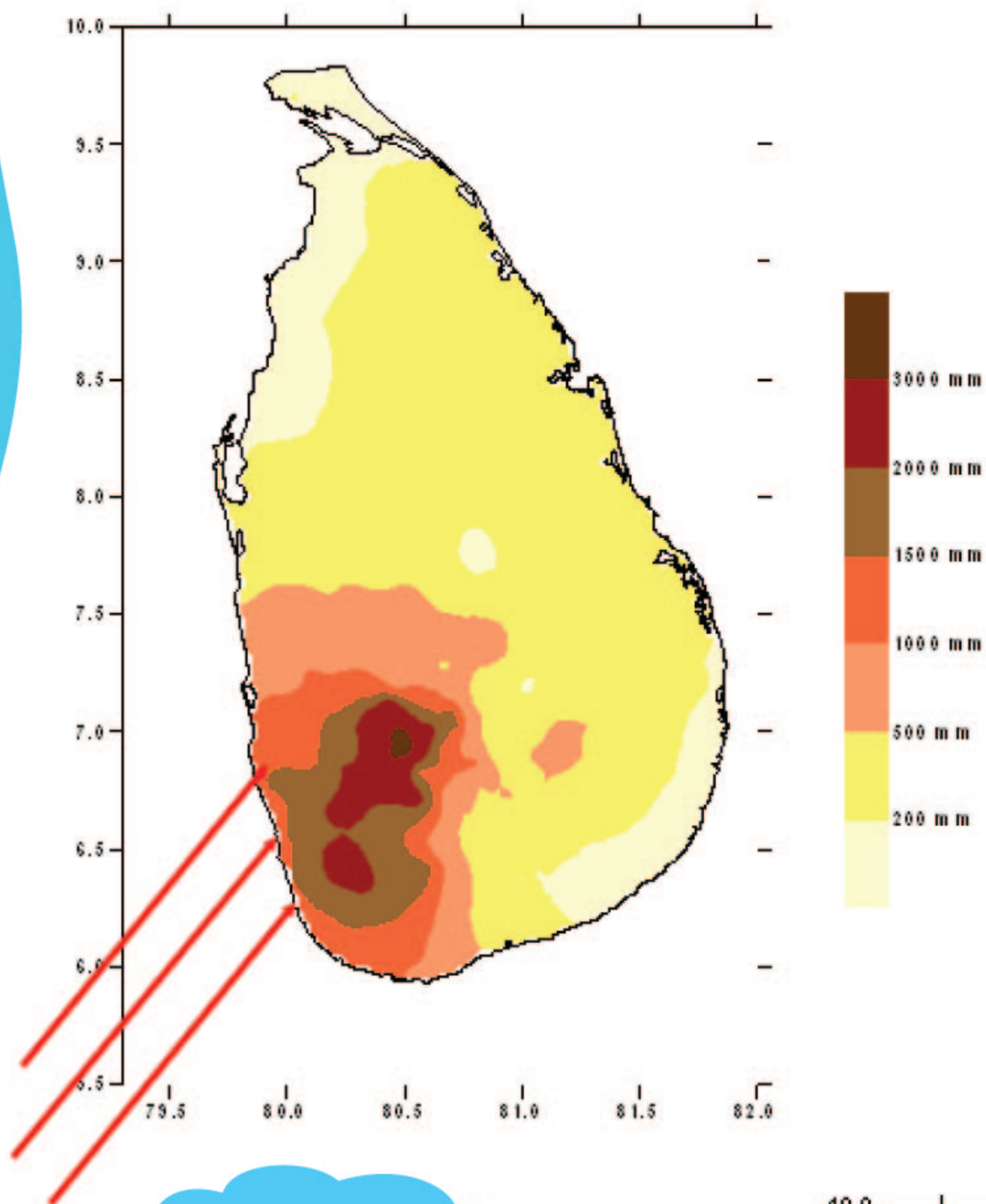


LET'S LEARN ABOUT FLOOD



When do we get rains?

South-West Monsoon

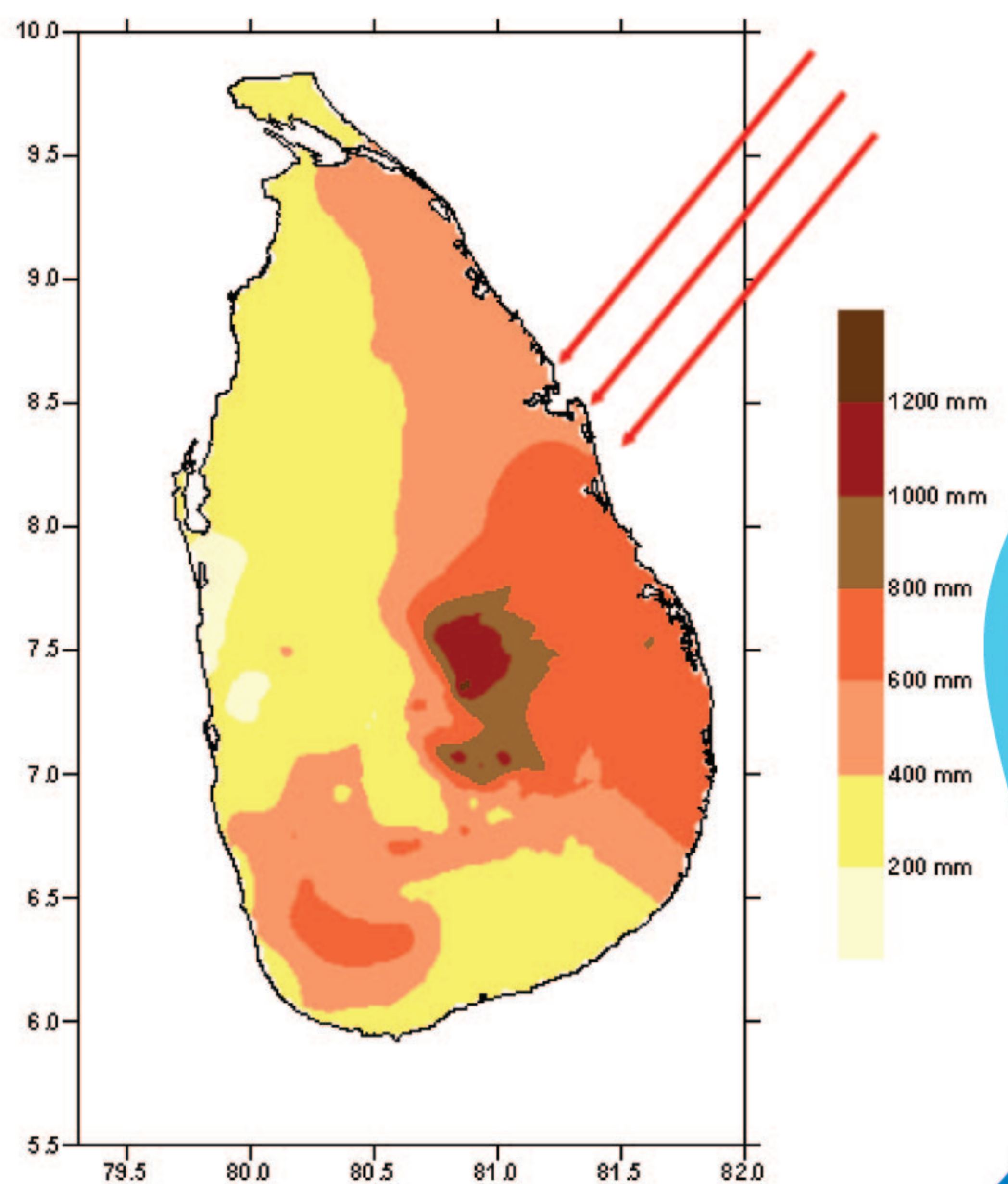


November to January



May to September

North-East Monsoon



Flood Damages



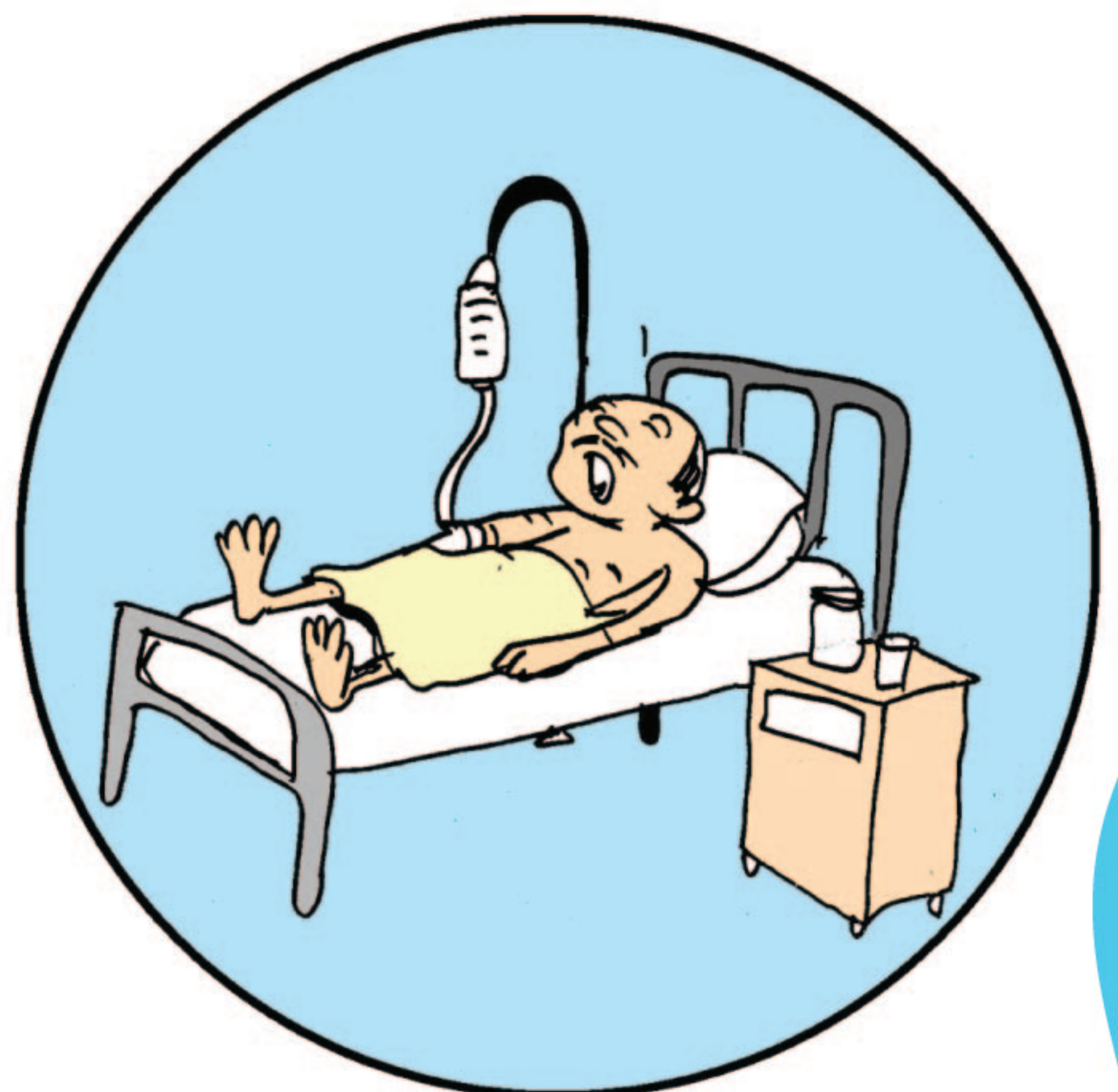
- **Drowning**



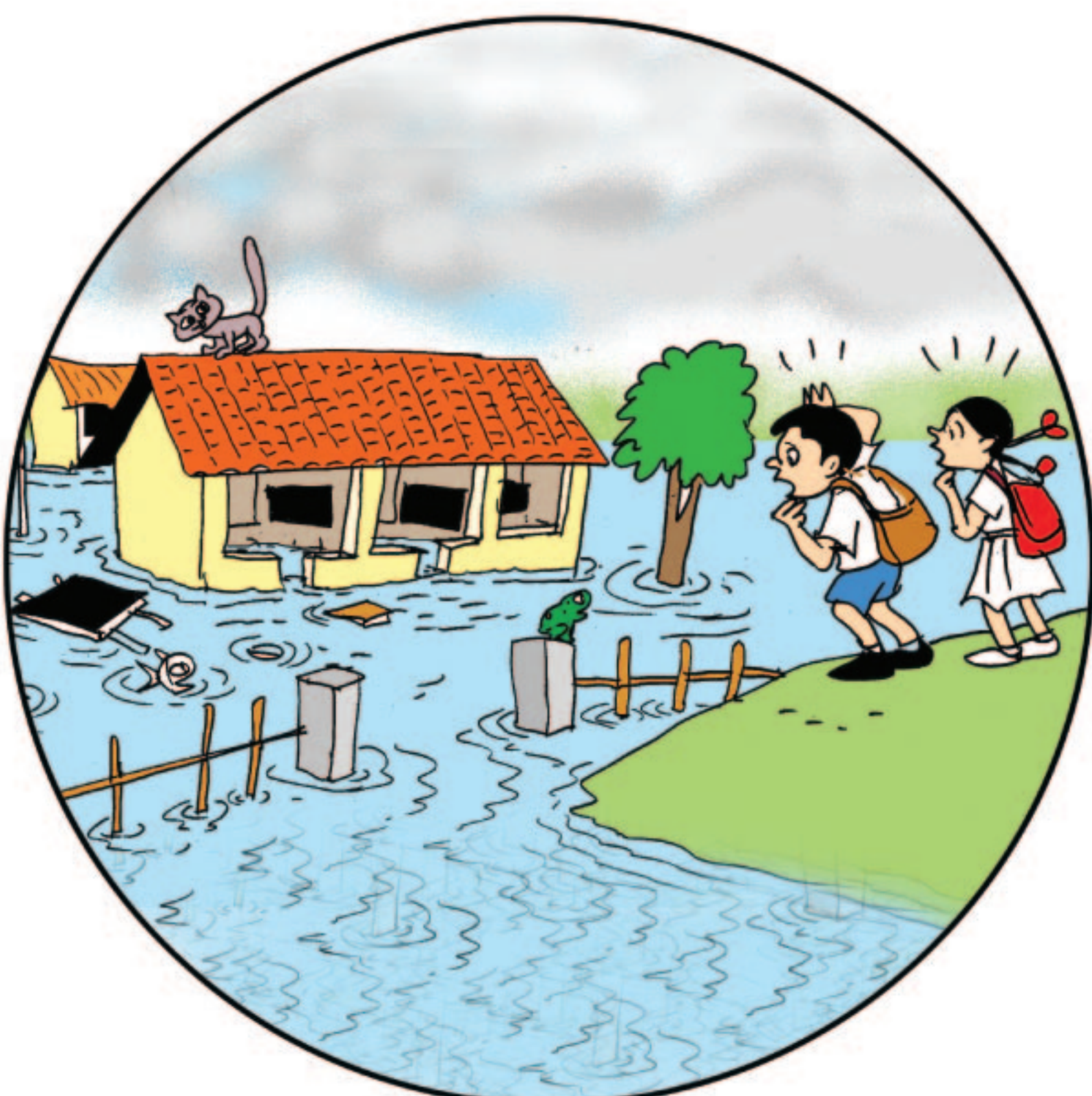
- **Assets are**



- **Damage to agriculture**

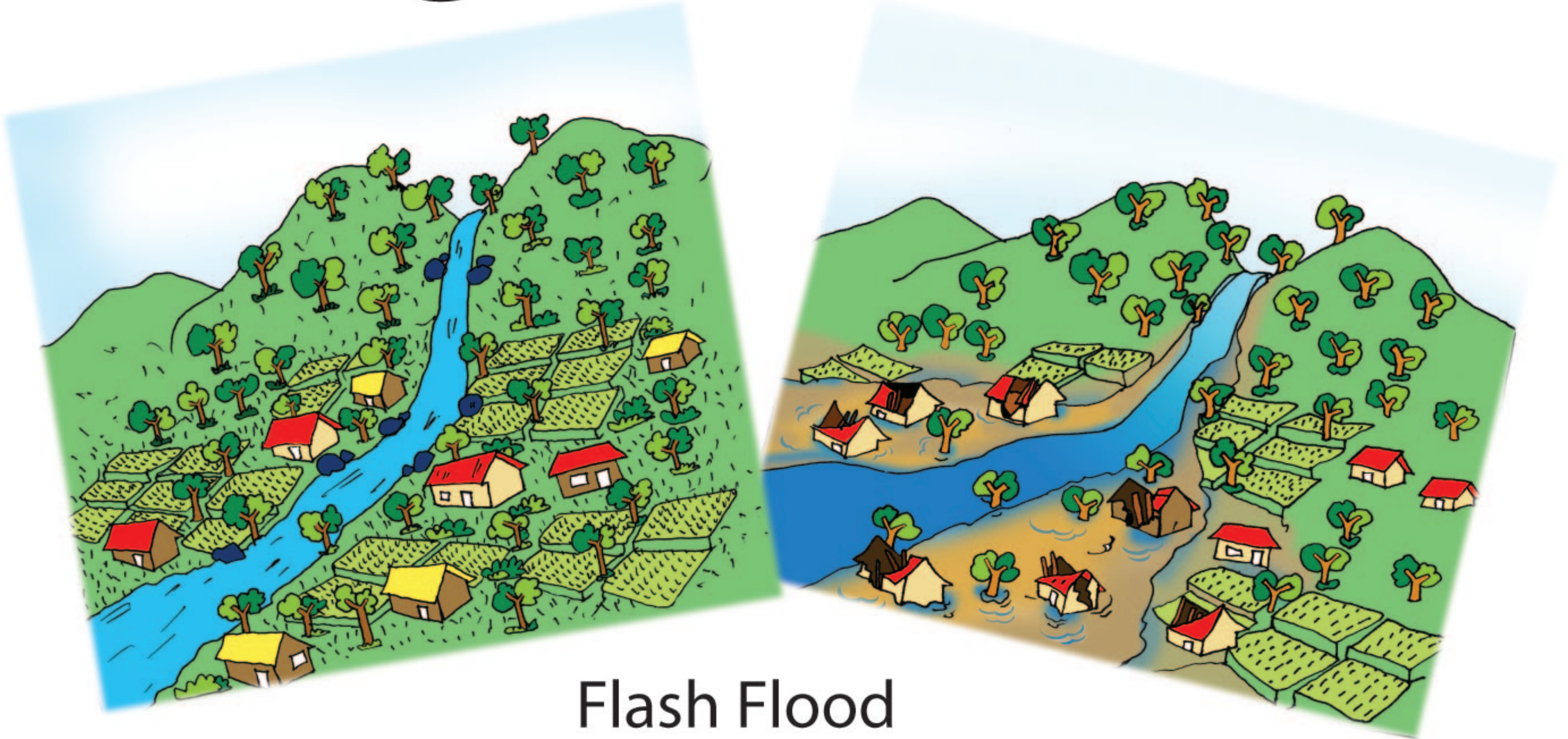


- **Epidemics**

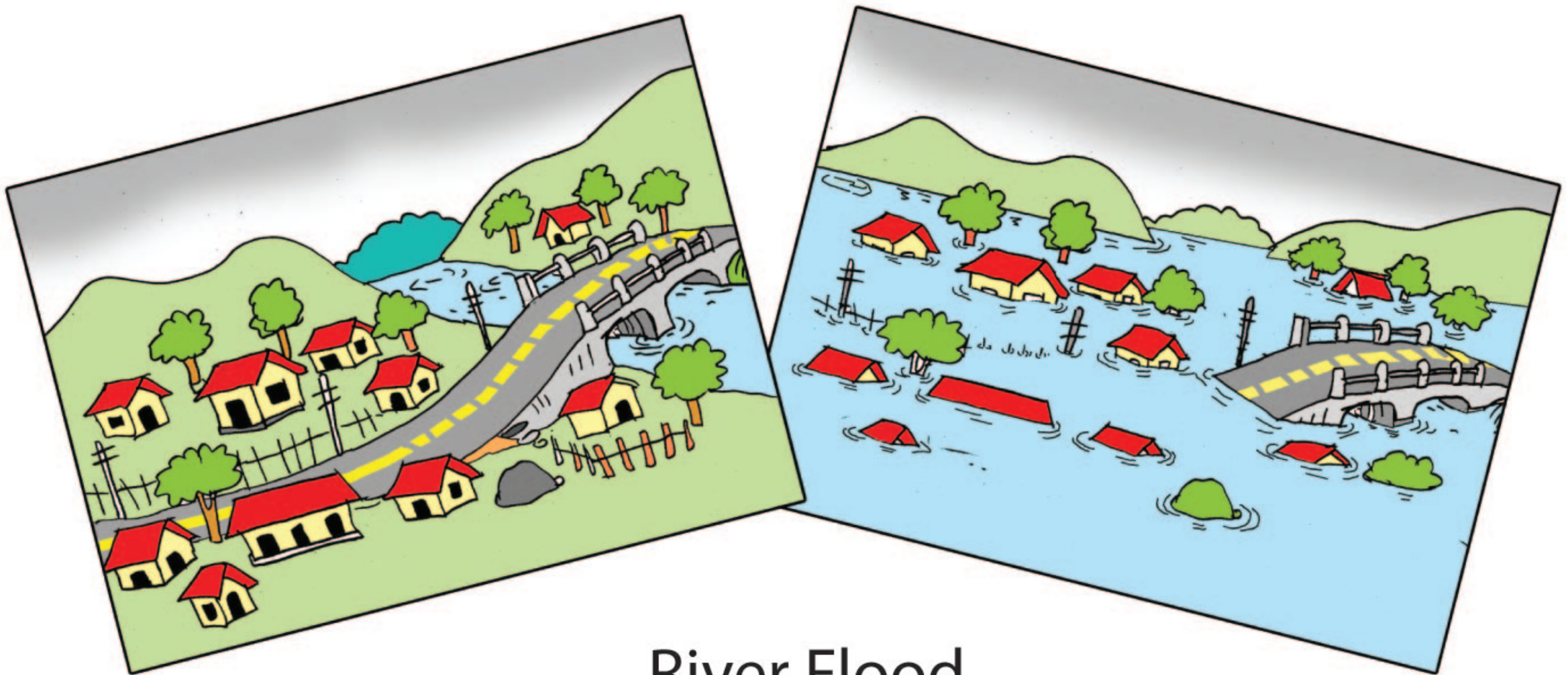


- **Schools need to be temporarily closed**

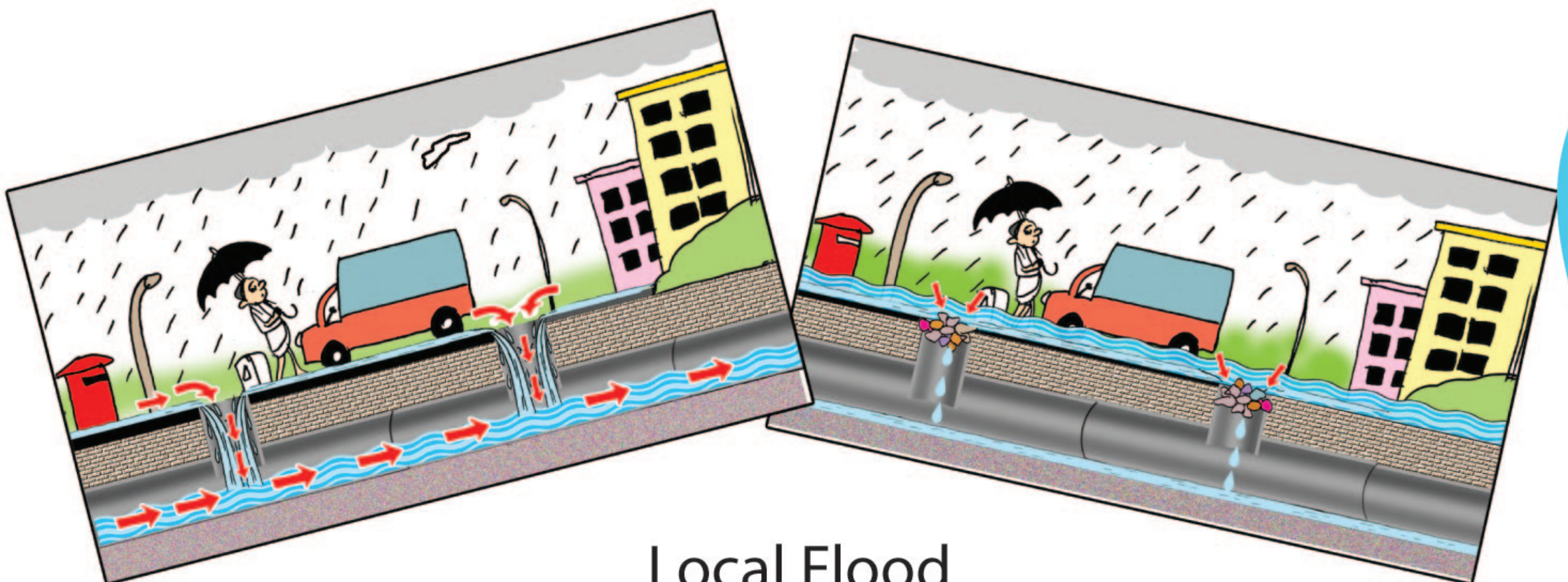
Categories of Flood



Flash Flood

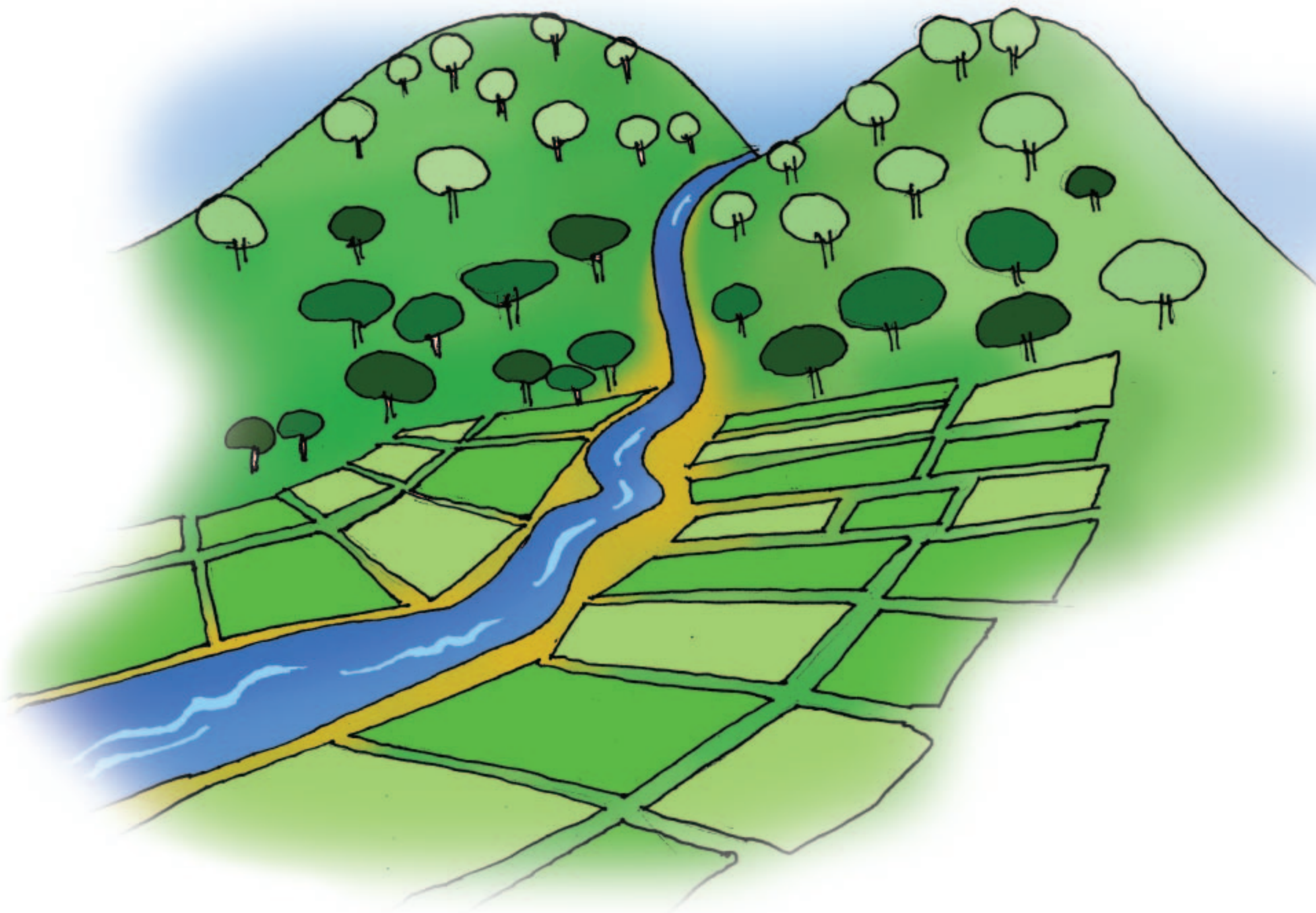


River Flood

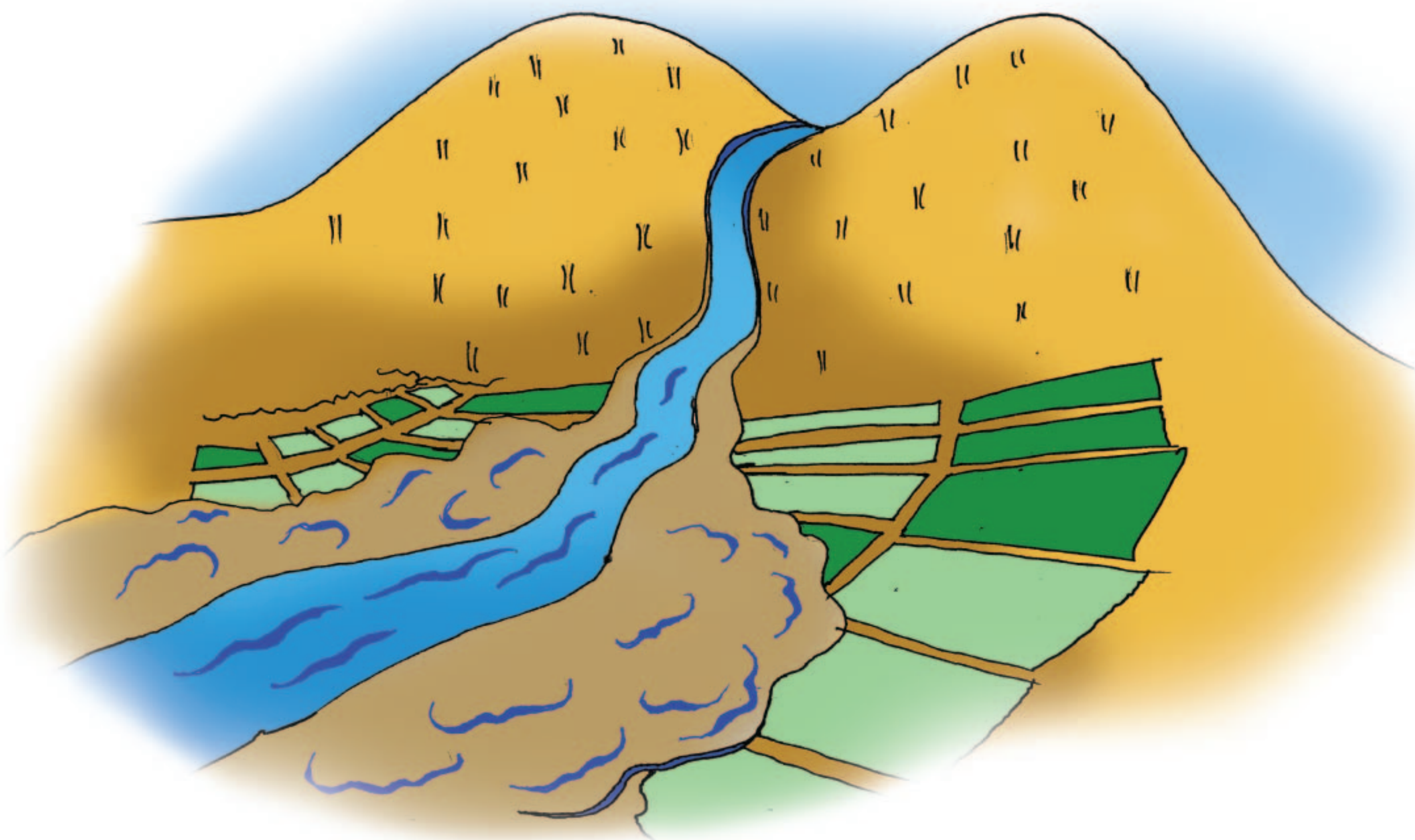


Local Flood

Flood mitigation through Watershed Management and Land Use Regulation

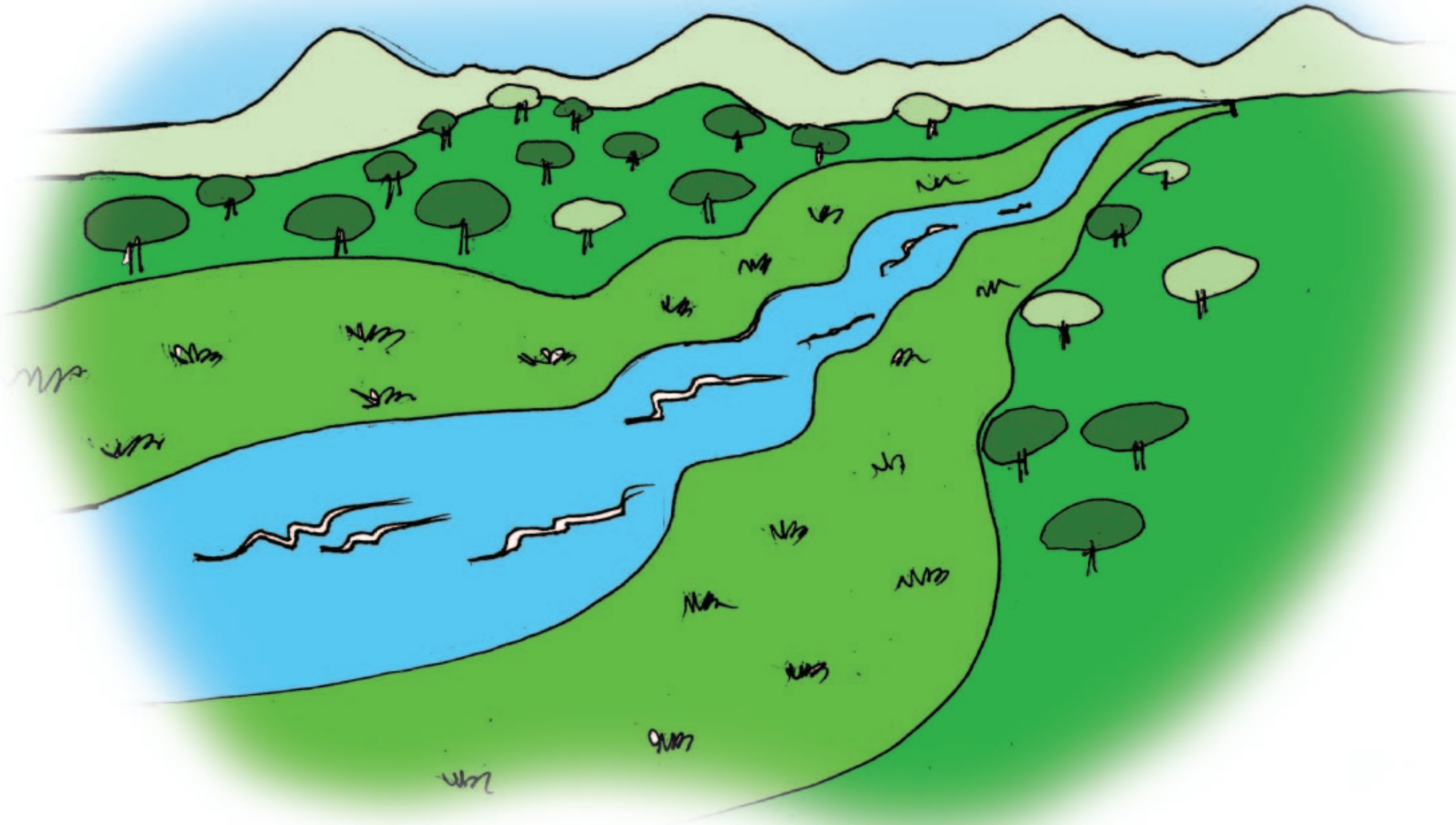


**Trees in the mountain keep balance of
natural condition and river flow.**



**When you cut trees in the mountain, it loses the
natural balance and causes flood in the
downstream area.**

Importance of low lands



**Wetland functions as natural reservoir
and hold excess water.**



**When you construct houses in the wetland,
you are prone high risk of flood.**

Flood Mitigation: Structural Measures

Bank protection



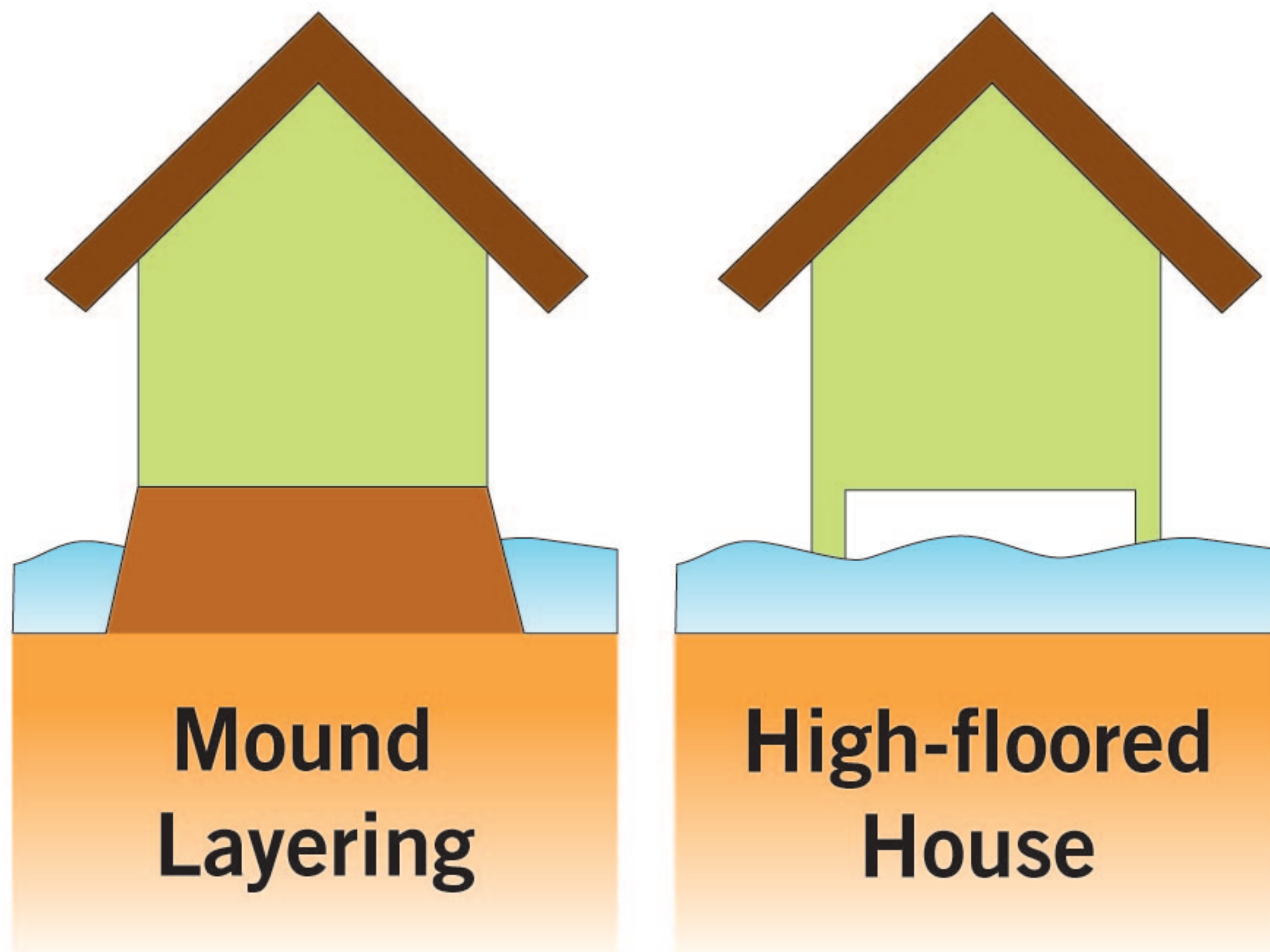
Flood band



Station Pumping

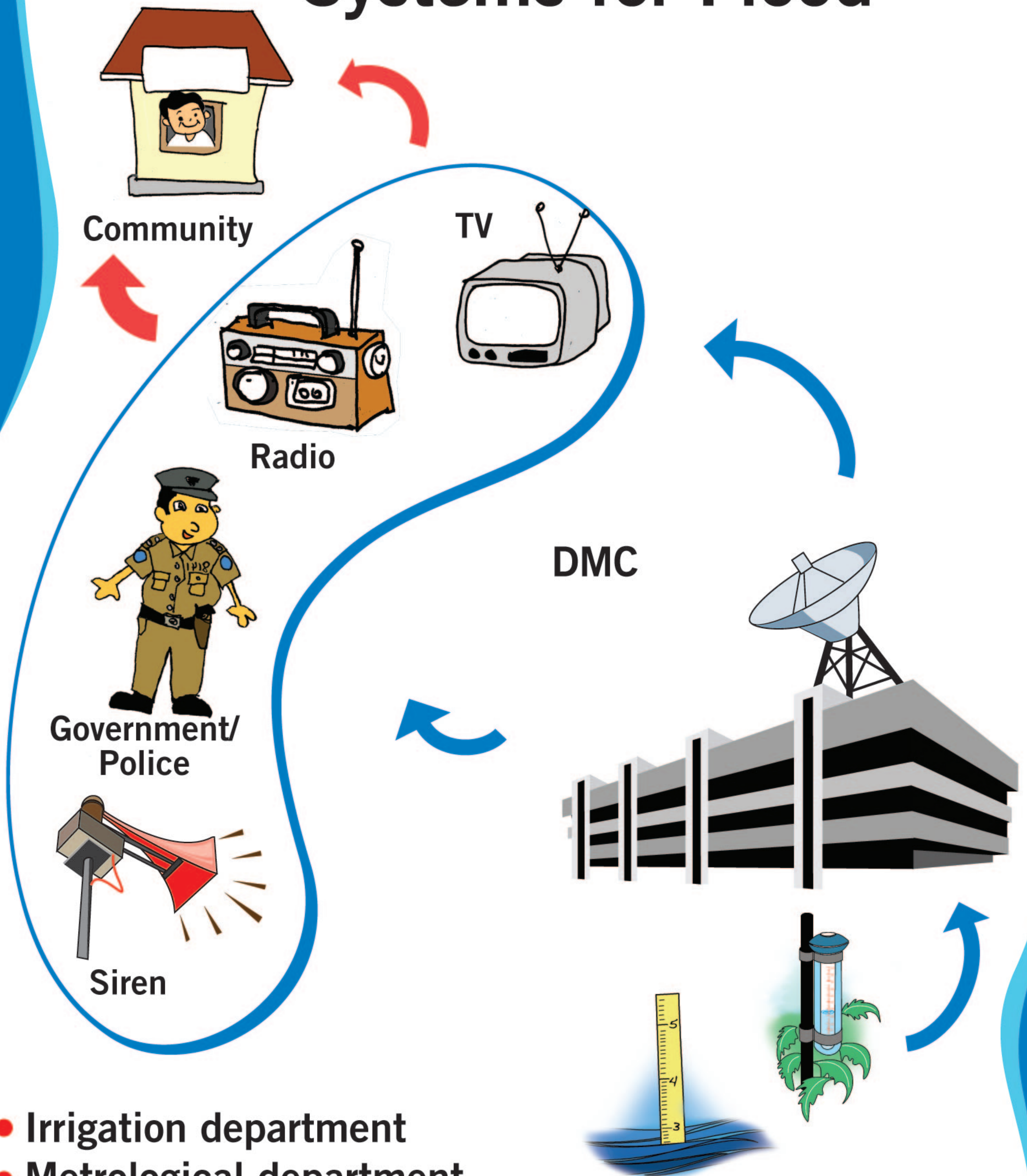


Appropriate design to construct houses in flood prone areas



Construct 2nd stories building

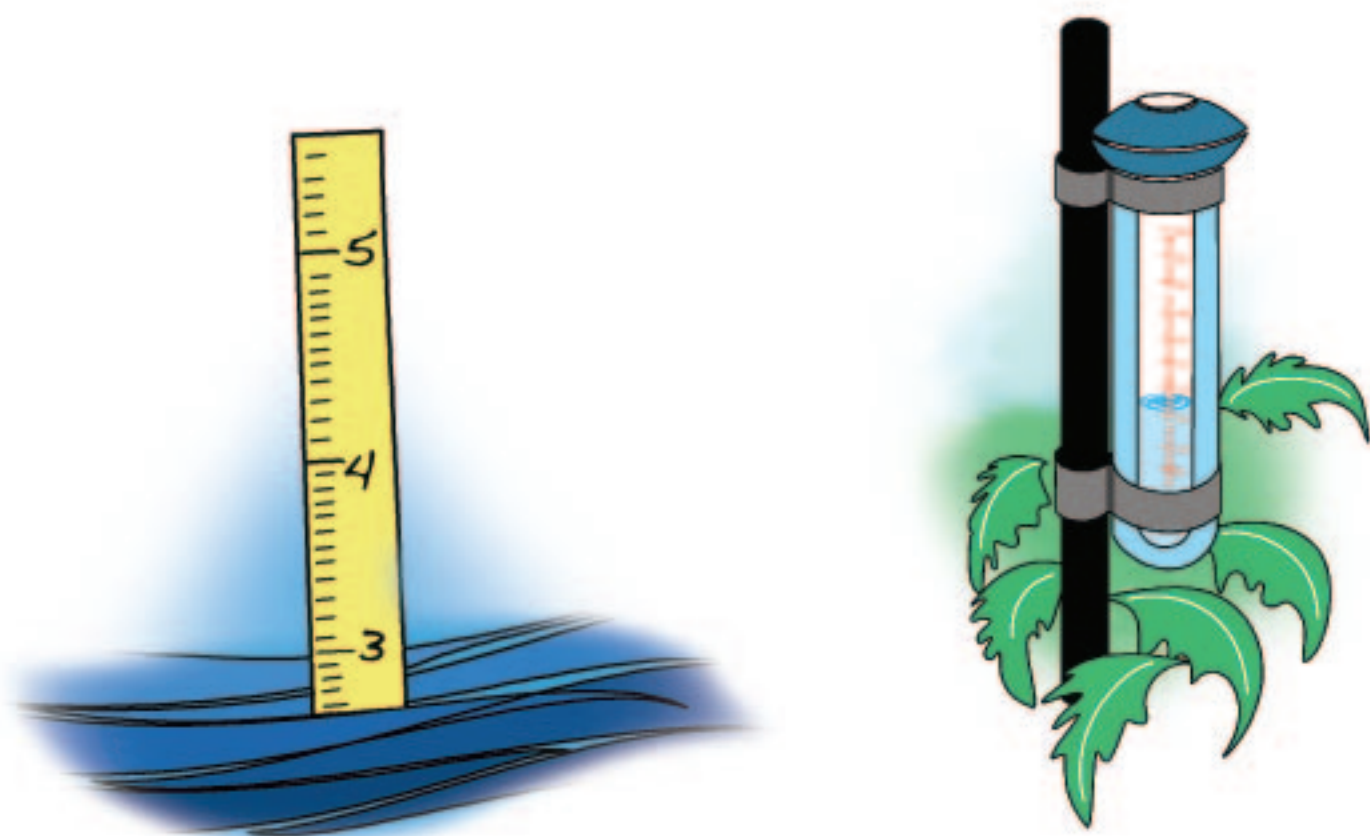
Formal Early Warning Systems for Flood



- Irrigation department
- Metrological department
- Monitoring rainfall and water level
- DMC

Community Based Non Structural Measures

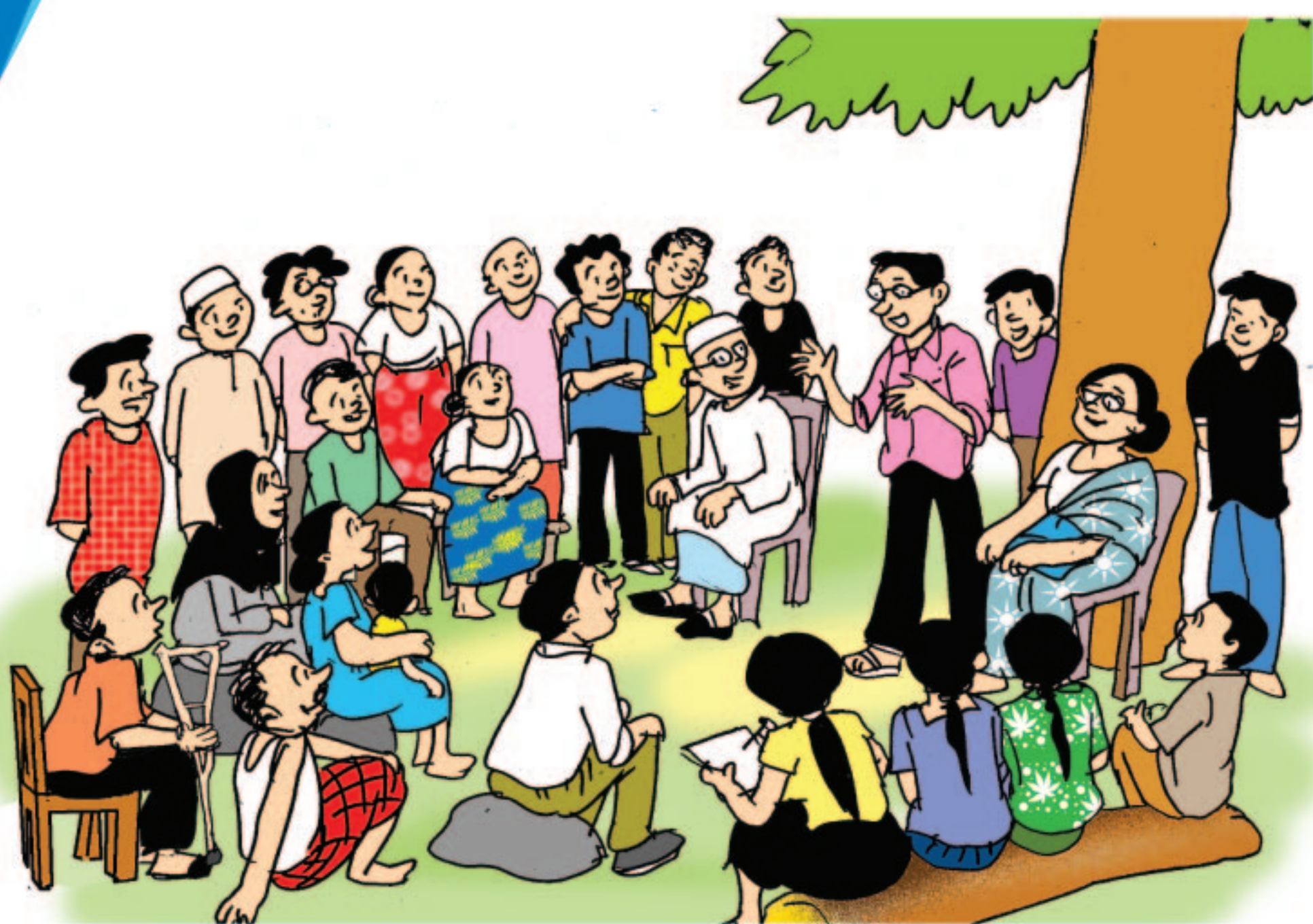
- Monitoring the rainfall and water level



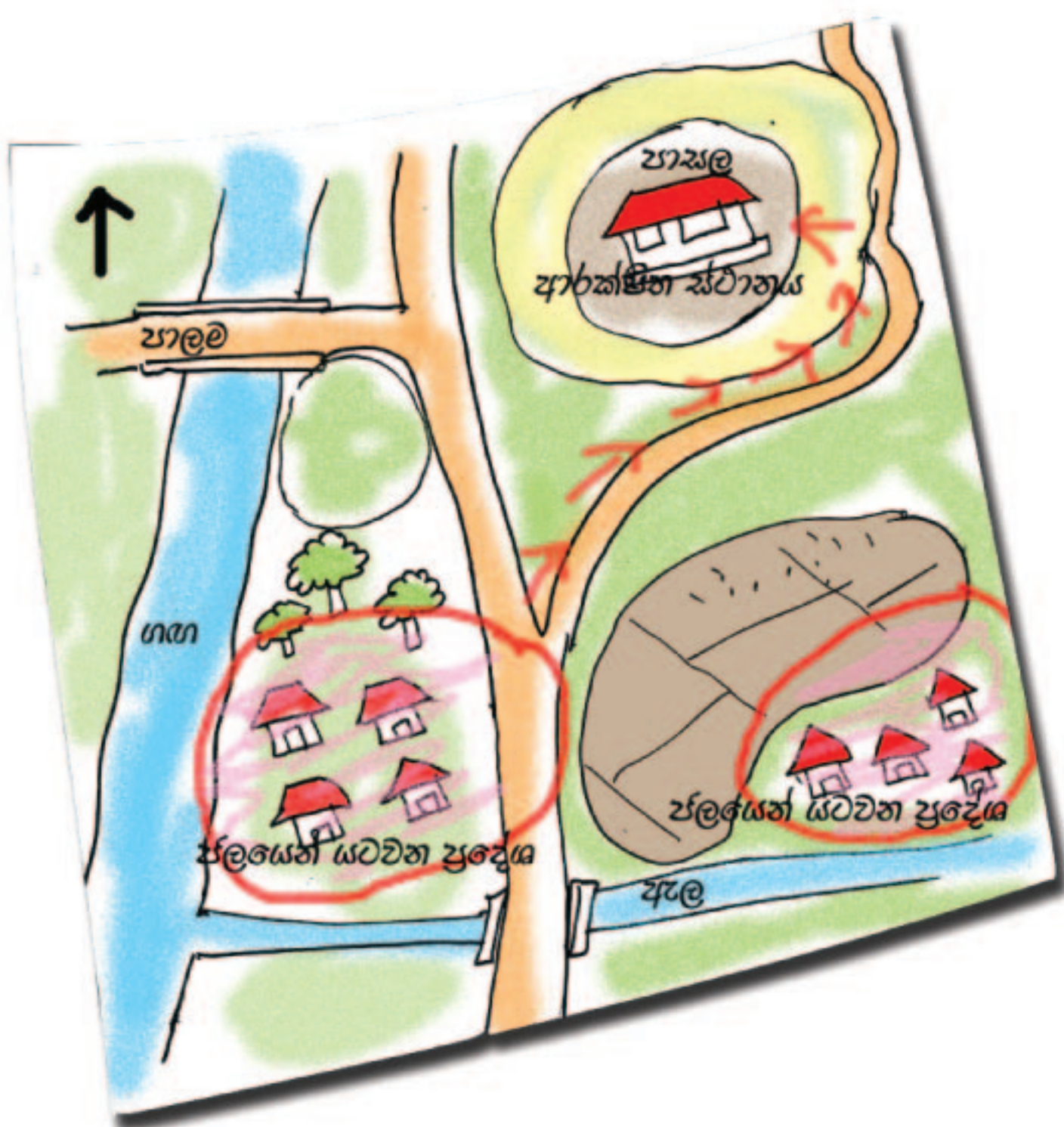
- Cleaning and maintaining the drainage



- Discussion with community



- Make a hazard map



- information to the community

