

Rain Water Harvesting as an alternative water source for CKDu affected areas, Sri Lanka

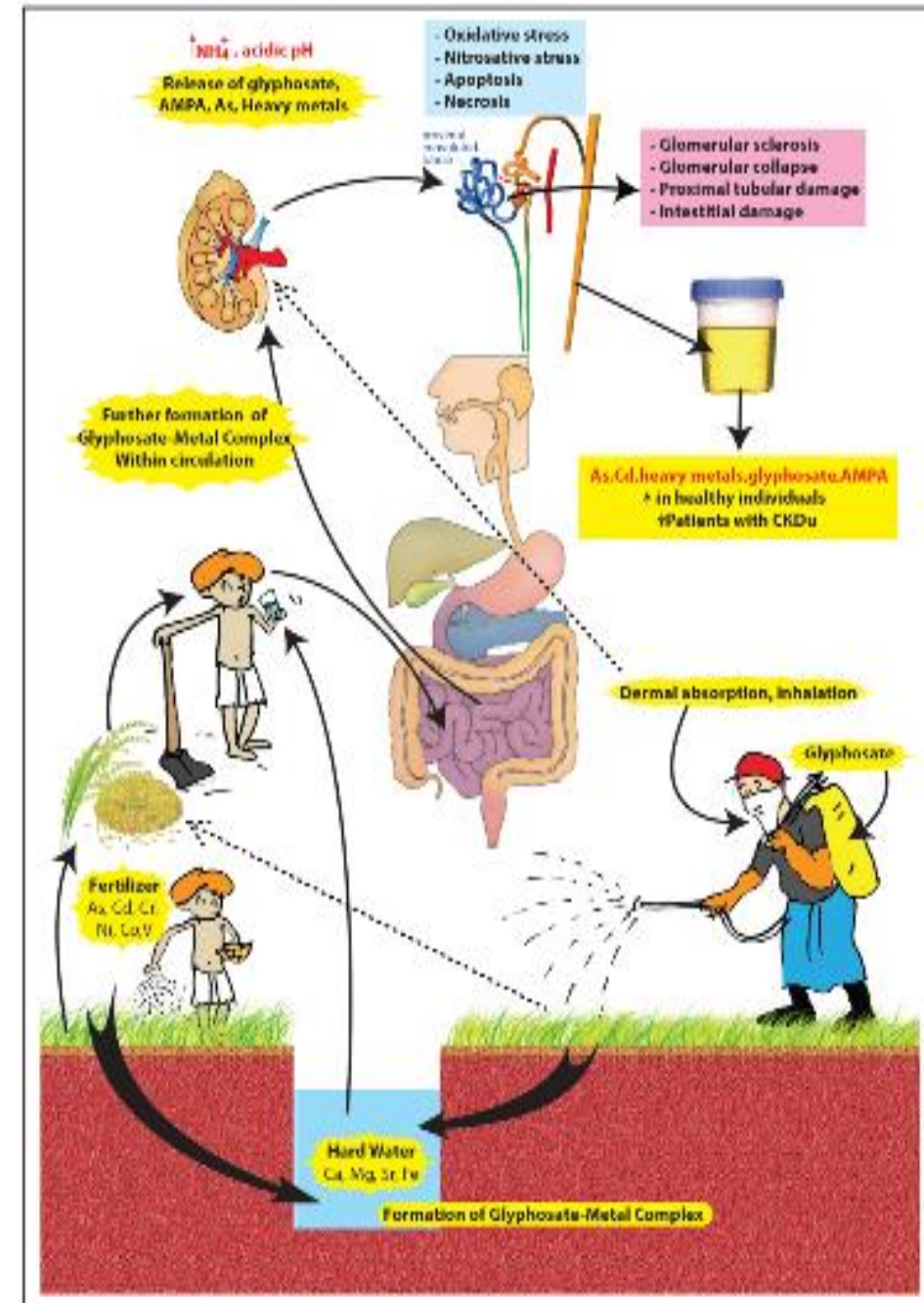
University of Colombo & Sri Lanka Water Partnership, Sri Lanka

Prof. Deepthi Wickramasinghe



Problem- Lack of safe drinking water

- Agricultural areas- ground and surface water polluted with agrochemicals and toxins
- Chronic **K**idney **D**isease of **U**nknown **A**etiology
- 35,000 patients
- 1000+ deaths

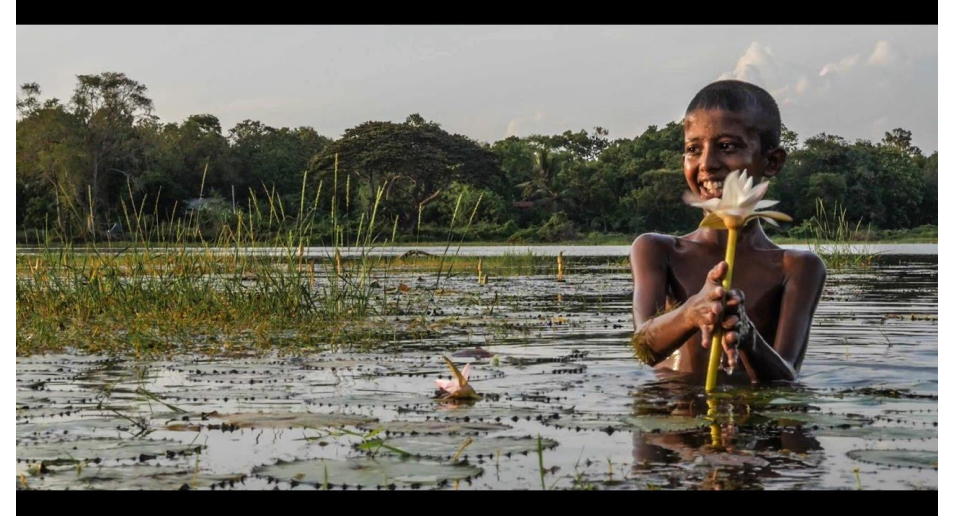


Solution- Rain Water Harvesting

RWH: clean, free water

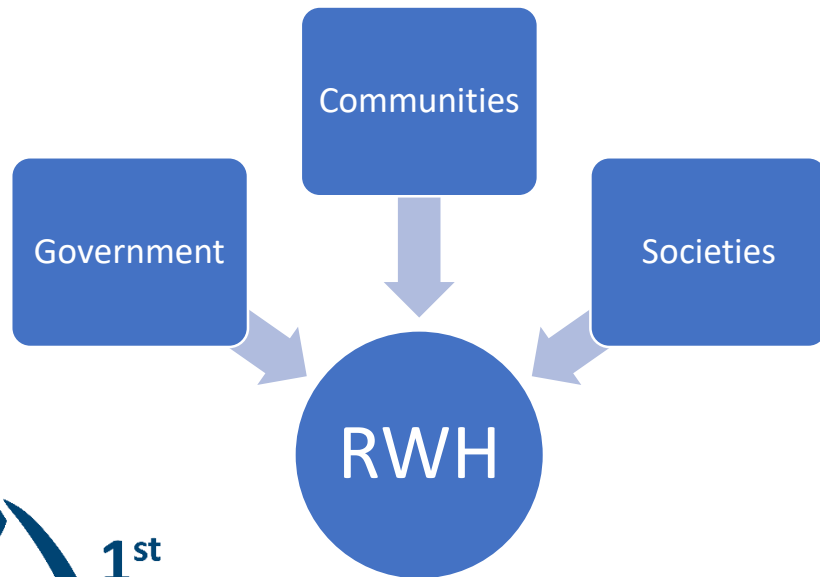
To ensure health, dignity to all

NC Province- 3 areas in Kurunegala



Activities

35 RWH tanks- schools, hospitals, individuals
Training and awareness, form societies
Monitoring - Participatory approach



Scaling Up

- Attitudes: Willingness to change
- Awareness raising – water sources conservation, good practices
- School children as conservation messengers
- Increased stakeholder participation
- Innovative solutions

