

**TOT 2**

**Small-scale Water Treatment**

# **0. Course Introduction**

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# Contents

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**This course consists of 4 sections:**

- 1. Introduction to household level water treatment**
- 2. Filtration basics and household level filtration**
- 3. Disinfection**
- 4. Removal of specific contaminants  
(iron, manganese, fluoride and arsenic)**

# Learning Objectives

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**On completion of this course, the participants will be able to**

- (i) identify different methods of small water treatment that can be used at household or small community level
- (ii) explain the suitability of different types of filtration and disinfection systems for removal of turbidity and pathogens from water
- (iii) describe the methods used for removal of specific impurities like iron, fluoride and arsenic from groundwater

# Learning Approach

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- 1. Going through recorded Powerpoint slides**
- 2. Taking Multiple Choice Quiz (after each section)**
- 3. Reading additional reference materials provided**