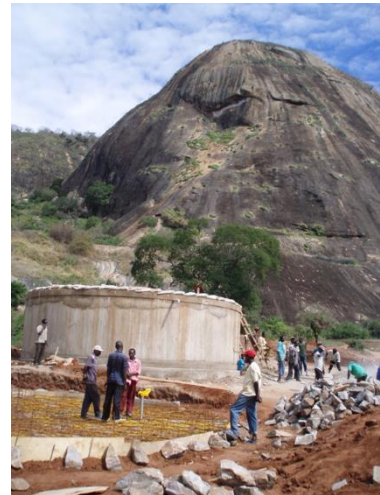


*Save the date: June 21-27, 2018*

## In-field Training Rainwater Harvesting

Following the [successful symposium in 2015](#), RAIN is organizing a training on water harvesting technologies in Kenya, with the support of ICRAF and ZOA. The training will take place in the field and is focused on practical experiences, explained by local and international experts.



### Why Rainwater Harvesting?

Limited and unreliable rainfall increasingly challenges people's livelihoods in Africa's tropical and sub-tropical drylands. Inability to cope with changing climates and increased demands on the land leads to land degradation, poor social and physical infrastructure, water scarcity, low agricultural and animal productivity, poverty and poor health. Rainwater harvesting (the collection and management of rainfall for storage and reuse) is a poorly distributed and understood means to improve this situation. Particularly when linked to landscape, watershed and soil management, rainwater harvesting has the potential to improve water supply and increase resilience, food security, and well-being by providing affordable, renewable sources of water during dry periods.

### What are the Training Objectives?

- Provide participants with an in-depth understanding of different practical methods, technologies and applications in the area of catchment management and rainwater harvesting.
- Provide insights on ideas in the field of water harvesting including area-based approaches,

green infrastructure and road water harvesting.

- Provide participants with practical experiences, including digging bunds, planting vetiver, designing artificial wetlands, water dowsing and (sand) dam design.

### Who should join?

We welcome all development workers, engineers, extension staff, policy workers and government representatives active in the field of water management, NRM, WASH and agricultural development in Eastern Africa.

### When and Where

The training will take place at several field locations in Kenya between June 21 and June 27, 2018. The program will start in Machakos, about 60 km South of Nairobi and will take participants in groups to different surrounding intervention sites. Please see the tentative program below.

### Registration

The training includes a 6-day program, food & drinks, accommodation and transport. Please register before March 1st, 2018 through email ([nienke@rainfoundation.org](mailto:nienke@rainfoundation.org)). More detailed information will follow soon.

## Preliminary Program

### Thursday June 21

Arrival at Machakos

### Friday June 22

Locations: Machakos and field sites in Iveti, Utuuni, Kiima Kiu and Mwala

#### Themes & Activities

- Soil and Water Management, the Machakos miracle as an example to long term rural development
- Masterclass 'Popularizing Water Harvesting Approaches'
- Field visits to sites showing long term impact of soil and water conservation and new avenues of progress.

### Saturday June 23

Locations: three groups to different locations

#### Themes & Activities

- Sponge city approaches to water harvesting (Kajiado and Ka Vonza)
- Assessment of difficult rivers for water spreading or sand dams (Kajiado)
- Water infiltration galleries and sand dams (Kitui)
- Farmer interventions: Ponds, seed systems
- Masterclass sand dam design and siting

### Sunday June 24

Locations: Oloitoktok and several field sites in Kajiado, Kitui, Mutomo and Wote

#### Themes & Activities

- Field visits to sites showing landscape scale interventions.
- Hands-on Workshop: digging vetivers and half-moon bunds and water dowsing

### Monday June 25

Locations: Oloitoktok and several field sites in Kibwezi, Kathonzweni and Kajiado

#### Themes & Activities

- Masterclass Catchment experiences.
- Field visits to sites in Olopololi showing fodder banks and exclosures

### Tuesday June 26

Locations: Several field sites in Mutomo, Kajiado and Wote

#### Themes & Activities

- Approaches to Rock catchments and roadwater harvesting
- Field visits to intervention sites in groups.

### Wednesday June 27

Closing program at Machakos

**We Look forward to welcoming you  
in Machakos!**

**The RAIN Team**

