



AFRICA TO ASIA: TESTING ADAPTATION OF  
FLOOD-BASED FARMING SYSTEMS (FBFS) PROGRAMME

## LEADERSHIP COURSE IN FLOOD-BASED FARMING AND WATER HARVESTING

DATES: 29 FEBRUARY TO 11 MARCH, 2016.  
NAIROBI-KENYA & ARUSHA TANZANIA

### Course Background

The leadership course in flood based farming and water harvesting shall be organized annually in East Africa. This course will serve as a platform for the exchange of new and innovative ideas, experiences and knowledge among young and mid-career professionals.

### Key learning objective

- Contribute to nurturing development leaders with a good understanding of the bigger picture related to participatory approach, watershed management and climate change and variability.
- Develop practical know-how and specific skills for sustainable development and management of FBFS and Water Harvesting systems.

### Course content

The 1st week will be covered at ICRAF in Nairobi and shall entail the introduction of FBFS and RWH systems; flood diversion & distribution; flood hydrology & sediment management; and multiple use of floods including: road water harvesting, ground water recharge, rangeland management, agroforestry, as well as adaptation to climate change. Fifty percent of the time will be set-aside for group exercises and discussions.

In Week 2, participants shall proceed for a field excursion by road to the Pangani Catchment at the slopes of Mt. Kilimanjaro in Tanzania. They will interact and share their experiences with the farming community of Makanya Catchment.

### Target Group

The course targets 30 participants who are policy and decision makers, mid-career and young professionals, flood irrigation practitioners, as well as farmer leaders from Governmental agencies, NGOs, Consulting firms, Academia and the farming community. These participants should already be directly or indirectly engaged in land and water development with special bias to FBFS. They shall be drawn from countries with current practice or potential in Spate Irrigation. Each of these participants shall be encouraged to join the International Spate Irrigation Network Foundation.

### Course requirement

- A good command of English,
- At least a BSc degree in any land and water development field
- Basic knowledge of flood management and water harvesting.
- Exceptions are farmers and practitioners who may not have formal education but possess unique and relevant experiences.

