



# Project Launch: Harnessing Floods For Enhanced Livelihoods and Ecosystem Services

**Draft Work Plan for Discussion**  
January 2015 to December 2016

UNESCO-IHE  
Institute for Water Education



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# The Work Plan components

- - Component 1: Project Management & Implementation**
  - Component 2: Research Methodology**
  - Component 3: From Outputs to Outcomes to Impact**

## Component 1: Project Management & Implementation

Activity	Date
<b>Preliminary site selection:</b> Raya Valley: Development of Upper-Catchment adjacent to Flood-Based Farming Systems	17 Mar, 2015
<b>Final project site selection:</b> Field visit and community meetings	Apr, 2015
<b>1<sup>st</sup> progress meeting with stakeholders</b> - Methodologies and tools discussed and agreed upon	Jun, 2015
<b>2<sup>nd</sup> progress meeting with stakeholders:</b> Preliminary findings, adjustments to approach & methodologies, pathway for adoption of research outputs in investment and development programmes	Dec, 2015
<b>3<sup>rd</sup> progress meeting:</b> Semi-final findings; suggestions to further strengthen research approach and results to be relevant for future investment & development programmes	Jun, 2016
<b>Final project meeting:</b> Final project findings, follow-up activities	Dec, 2016

**Crucial Input: Relevant Policy, Investment & Development focused  
Regional Meetings/Workshops**

## Component 2: Research Methodologies and tools

Question 1: What is the impact of current investment plans of upstream agricultural development on downstream FBFS & livelihoods, in particular for women

- Investment plans: Bench terraces for agricultural production ?
- Hydrological Analyses - the flood flow to the downstream: using tools such as HEC-HMS
- Different uses of floods: expert interviews
- Various beneficiary groups (men and women): stakeholder analyses
- Flood management strategies by various beneficiary groups: Focus group discussions
- Distribution of costs and benefits among the beneficiary groups: Focus group discussions



## Component 2: Research Methodologies and tools

### Question 2: What is the added value of incorporation of gender and Ecosystem Services?

how can gender & ecosystems perspective be incorporated?  
who are the winners and losers of different investment scenarios?

- to whom do benefits and losses accrue? what is the difference in costs and benefits for men and women?

- Assessment of the baseline situation separate for men & women: Question 1
- Valuation of ecosystems functions with direct and indirect benefit to men and women : *tools such as INVEST and TEEB*
- Participatory formulation and evaluation of alternative scenarios that incorporate gender and ecosystems : *Focus group discussions*
- Evaluation of scenarios, including winners and losers and exploring trade-offs and synergies between benefits, costs and their distribution over stakeholder groups: *using HEC-HMS, INVEST, focus group discussions in different stakeholder forums at local and policy level*

## Component 2: Research Methodologies and tools

**Question 3:** What is the most 'efficient' use of floods (from different angles)? And what interventions and set of intervention support this?

- Based on the results of question 1 and 2, focus group discussions in *different stakeholder forums at local and policy level*.

## Component 3: From Outputs to outcomes and impact

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**What is the best way to communicate our results to the stakeholder categories you represent?**

**What is the best way to communicate our results to other important stakeholders not represented in this workshop?**

# The Groups and their allocated time

## Group 1

Mixed group of decision makers and technical staff representing administration, agriculture and water resources  
**,At least one project staff**

## Group 2

Mixed group of decision makers and technical staff representing administration, agriculture and water resources  
**,At least one project staff**

## Group 3

Mixed group of decision makers and technical staff representing administration, agriculture and water resources  
**,At least one project staff**

**Discussion time is 2 hours**