



First Regional Leadership Course "Road Water Management for Resilience"

23 - 28 February 2017

The Roads for Water Alliance is facilitating the Leadership Program in support of its objective of introducing road for water programmes globally.



www.roadswater.org



Bangladesh: Roads used for protection against river floods as well as for temporary storage of material and for road side grazing



Kenya: Road crossing (non vented drift): retaining sand and water upstream which is used for brick-making, irrigation, and domestic use



Road side tree planting along unpaved roads reduces dust a major hazard for health and crop damage



Ethiopia harvesting water from roads (1) creates additional water resources (2) reduces erosion, sedimentation and risk of flooding and waterlogging and (3) minimizes road damage

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23 - 28 February 2017, Mekelle, Ethiopia

Introduction

Road development is the largest and most widespread public investments globally. Roads however do not only act as means of transport, they also obstruct, guide and channel the movement of water in landscapes. Yet if not managed, water from road catchments have many negative effects: downstream flooding, sedimentation, erosion, water logging, dust storms.

Yet all this can be turned around, as can be seen from on-going programs in several regional states in Ethiopia. Roads can be systematically used as instruments for water harvesting and as such contribute to resilience and water security. Making systematic use of roads for water management can moreover prepare road infrastructure for climate change and reduce maintenance costs and optimize the impact of their services.

Objectives of the Leadership Course

The one-week course is organized by the Roads for Water Alliance, led by MetaMeta and Mekelle University, in collaboration with partners. The course aims to develop the leadership to introduce Roads for Water programs in different areas and equip trainees with the requisite knowledge and skills. The organizers shall ensure that participants reach the following course objectives:

- Learn and share experiences on road water management programs for resilience
- Understand the design and techniques appropriate to different areas and climates
- Develop the leadership skills for upscaling
- Stimulate further collaborations on road and development issues.

The course will be given by a group of international trainers and practioners and is based on the successful Road for Water Programs in Ethiopia. The content includes:

- International experience in road water management
- Country experiences: Ethiopia, Kenya, Nepal and Bangladesh
- Organizing watershed activities at scale
- Design considerations in road development for water management
- Water harvesting with roads
- Roads, wetlands and flood management
- Asset management from unpaved roads
- Roadside tree planting
- Controlled sand mining from road drainage
- Roads, landslides and stabilization methods

- Combining road drifts and sand dams
- Gender and inclusive road development
- Consultative processes in road development
- Leadership skills
- Promoting the Road for Water Alliance
- Financing Roads for Water: using the resilience dividend
- The Wider Road concept: roads as vectors for inclusive development

Course Delivery

The six day course training shall include three days of presentations and case-based exercises, two days of field excursions to different sites where road water management is systematically implemented in Tigray and a one day field reflection to observe how communities are mobilized to implement road water management for resilience as part of the large scale watershed program. The field visit shall be done to sites with fascinating landscapes where remarkable achievements have been made on road water management.

The trainees will be provided with the material to start Road for Water Programmes including training packages and instruction material.

Course registration

The training shall be given on the dates February 23 - 28, 2017. The venue for the training shall be Planet Hotel, Mekelle, Ethiopia. The course will be given in English. All the discussions with local communities shall be translated to English.

The tuition fee is USD 800, including lunches and transport during the training. A limited number of sponsored places are available from the Global Resilience Partnership. Applicants are responsible for their own travel and accommodation. Support in bookings and invitations will be provided by the course organization.

For more information: www.roadsforwater.org

For registration contact: marta@metameta.nl

Applications should preferably be received by 30 January 2017 to ensure support in processing of visa.

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