

Addressing Adaptation, Disaster Risk Reduction and L&D

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Overview

- **Title:** **Methods Toolbox for Assessing Loss and Damage at Local Level**
- **Duration:** **2 years**
- **3 Countries:** **India, Nepal and Pakistan**
- **Partners:** **LEAD Pakistan**
All India Disaster Mitigation Institute (AIDMI), India
UNU-EHS, Germany
Integrated Development Society (IDS), Nepal



Contribution to increase in frequency and magnitude of climatic disaster

Impacts poor the most disproportionately...mainly those who are dependent on natural resources for livelihood

Climate Change

Climate Change Induced L&D

Includes residual impacts after risk reduction, mitigation and adaptation that would not have occurred without climate change

It's assessment establishes evidence of broader climatic impacts and need for compensation



Key Activities

- **Methods Toolbox Development to Assess L&D**
 - People Centered
 - Combination of Qualitative and Quantitative tools
 - Economic and Non-economic
 - Primary Data Collection
 - FGD
 - Expert Interviews (incl Policy makers)
 - Enhancing understanding of L&D
- **Testing in Vulnerable Communities**
 - Extreme and Slow onset
 - Not only What, but also How and Why?
 - What people did? But also effectiveness!
- **Refining, Publishing and Dissemination**



Nepal Case Study

- **Sindhupalchok District**
- **Major Stressor: Landslide**
- **234 HH**
- **Loss of Land, Crop and Mental Stress**
- **Physical barriers and land-use adjustment were the least successful**



India Case Study

- **Puri (Odisha)**
- **Major Stressor: Cyclones**
- **219 HH (11 villages)**
- **Major Damage: Crops, HH assets and livelihood options**
- **Increased debt burden – harsh consequences and life long struggle**



Pakistan Case Study

- **Rajanpur District (Southern Punjab)**
- **Major stressor: Floods**
- **150 HH**
- **Major Damage: Agriculture followed by Livestock**
 - Crop damage
 - Reduced yield
 - Sold deterioration
- **Temp relocation – additional debt**
- **Increased mortality and disease among livestock**
- **Despite Adaptation measures - Over 50% felt they will never recover**



Key Messages

- **Those who need more – receive the least!**
- **Narrow definition of ‘Affected Livelihood’ for compensation**
- **Adaptive Capacity has been Reduced = Higher ‘Unavoided’ L&D**
- **Measures are targeted towards those in Need – targeted compensation**
- **Affordable Loans to facilitate Recovery**
- **Provide Non-farm income opportunities**
- **Affordable and Subsidized Insurance**



Influencing Policy

- **Awareness Raising and Basic Training**
- **Examples from constituencies**
- **Policy Formulation**
- **Changes in Project Planning Documents**



Thank You

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