Sustainable Livelihoods for Disaster Risk Reduction
Learning Objectives

At the end of the session, you should be able to:

01. Discuss the sustainable livelihood approaches

02. Examine the link of the sustainable livelihood approaches to disaster risk reduction
Livelihood is sustainable when it can **cope** with and **recover** from stresses and shocks. Maintain or enhance its capacities and assets and provide sustainable opportunities of the next generation.

*Robert Chambers*
Outcomes of Sustainable Livelihood Framework

*In Simple words;*

- More Income
- Increased wellbeing
- Reduced Vulnerability
- Improved Food Security
- More Sustainable use of natural resources base
Sustainable Livelihood in DRR Policy Framework

- Disasters should be looked at and treated as issues of development and governance rather than just DM
- Paradigm shift in DRR policies towards poverty reduction and development from merely emergency response and relief
- Comprehensive DRR measures should include both structural and non-structural measures such as entitlements and enhancing negotiation power, market access
OPTIONS for Poor Families in Vulnerable Areas with Vulnerable Livelihood

1. RELOCATION  X

2. DISASTER PREVENTION  X

3. RISK REDUCTION  ✓
RISK = HAZARD \times VULNERABILITY / CAPACITY
Comparison of Risk in Two Scenarios

VALUES : 1 - 5
(LOWEST - HIGHEST)

Insured Businessman:

\[ \text{RISK} = (H) \times \frac{(V)}{(C)} = 0.8 \]

A widow living in a flood plain

\[ \text{RISK} = (H) \times \frac{(V)}{(C)} = 25 \]
Through your livelihood support;

The widow:

\[
\text{RISK} = \frac{(H)}{5} \times \frac{(V)}{(C)} \times X^4 \times X_2^2 = 10
\]
Basic Requirements for Risk Reduction of the Poor

✓ SUSTAINED LIVELIHOOD
✓ EMPOWERMENT
Progression of Household Wellbeing with Sustainable Livelihood

- WELL-BEING INDEX
- HOUSEHOLD LIFE PERIOD / YEARS
- POVERTY LINE
- DISASTER
- Sustainable Livelihood
RISK REDUCTION
LIVELIHOOD
SUPPORT

POVERTY LINE

POVERTY

RISK

RELIEF AND
REHABILITATION

X

DISASTER

Vicious Cycle of Poverty and disasters
SMART
SUSTAINABLE
MEASURABLE
ACHIEVABLE
REPLICABLE
TIME-BOUND
Challenges

- A belief in the potential power of the poor people
- Sustain ethical, moral and social commitment
- Integration of CBDRR into development planning (as you already discussed)
Thank you