



Turning Hyogo into action in Bihar & Orissa, India



**In Bihar and Orissa, a real emphasis has
been placed on communities and
Government working together to assess
and reduce risk...**



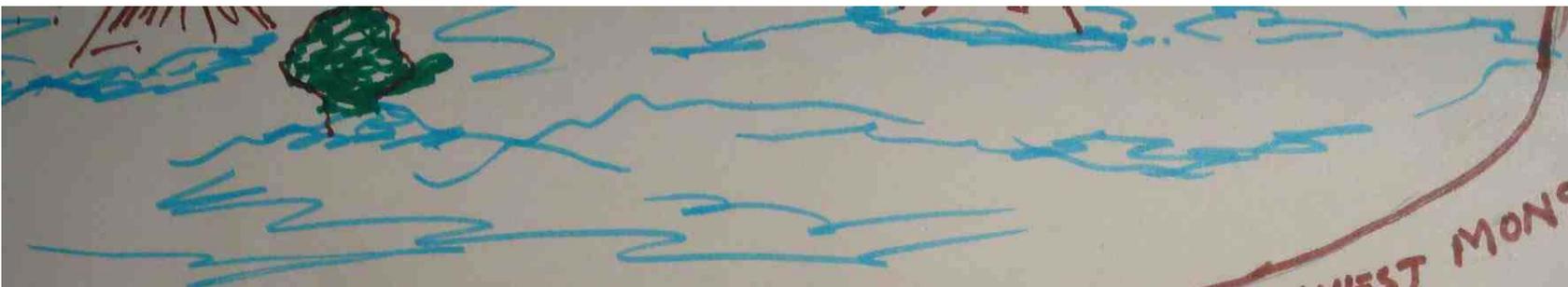
Disaster Management Committees have been formed in various villages to coordinate activities and to strengthen communication with Government

Priority has been given to **working together** to understand the local context and to harness resources within communities



Communication with high-risk, poor communities is increasing understanding of hazards and vulnerabilities





WIDESPREAD & HEAVY RAINFALL DURING THE SOUTH WEST MONSOON

ROAD & RAILWAY BRIDGES OBSTRUCT FREE FLOW OF WATER

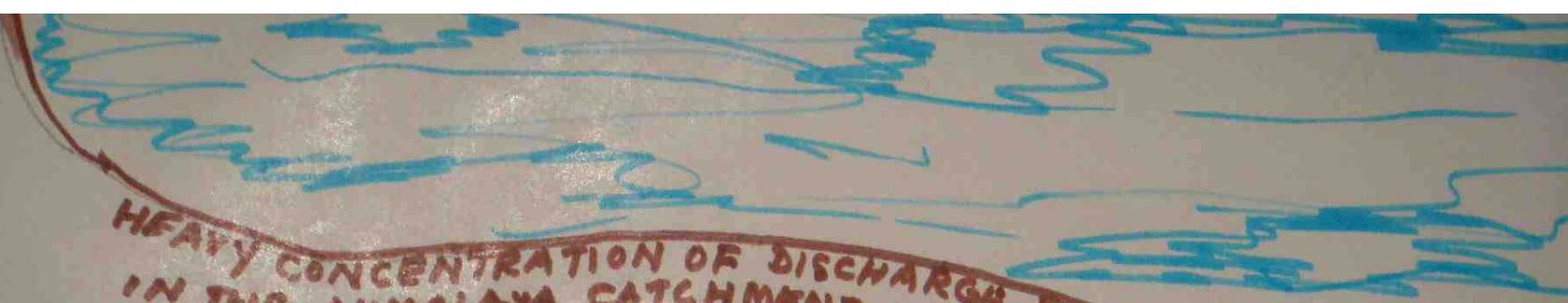
NEPAL RELEASING HEAVY AMOUNT OF WATER

CONSULTING INDIAN AUTHORITY ON GROSS VIOLATION OF AGREEMENT BETWEEN 2 GOVT

NON COMPLIANCE INDO-NEPAL AGREEMENT ON RELEASE OF WATER

OVER CHASING OF EMBANKMENT

CONCENTRATION OF RIVER.



HEAVY CONCENTRATION OF DISCHARGE DUE TO HEAVY RAINFALL
IN THE HIMALAYA CATCHMENT OF RIVER

LESS COMMUNITY COPING MECHANISM

INEFFECTIVE POLICY FLOOD MITIGATION

INADEQUATE CAPACITY OF WATERWAYS

NON SYNCHRONIZATION OF DIFFERENT RIVER
TO PROPER OUTLETS



Poor and low-income women are particularly encouraged to participate as they play many roles in recovery and reducing risk



Vulnerability is being reduced by
reinforcing and creating local strengths,
enabling villages to anticipate, resist, cope with and
recover from hazards

**Types of resources
have been
identified...**

**...and priorities
assessed to
reduce the impact
of future disasters**



Local government, NGOs and other specialists are providing training on preparedness and mitigation



**Local governments in Bihar and Orissa
have recognised the value of Disaster
Management Committees as a focal
point for activities...**

A photograph of a dry, sandy landscape with sparse green vegetation and scattered trees under a clear blue sky. The ground is light brown and sandy, with small, scattered green plants. Several trees of varying sizes and species are scattered across the scene, some with dense green foliage and others that appear more bare or sparsely leaved. The sky is a clear, pale blue. The overall impression is of a semi-arid or arid environment.

In the village of Bithouni, the challenges of monsoons, poor irrigation and low- yielding seeds are being tackled by local people, working closely with the State Agricultural Department

New seed varieties and different agricultural techniques are being explored in demonstration plots



Working together to identify and address the problems has been a top-down, bottom-up partnership



Training is taking place

"We knew there were schools for children but not schools to train farmers. We never thought that wheat could give such yield. Our community has new hope"





Total yield has
increased by $\frac{1}{3}$
and profits more than
doubled



The **Disaster Management Committee** in the village of Dumerjore recognised that destroying a nearby forest is causing them major problems...



**...so the community
approached the
Government for
support in protecting
the local forest**

A photograph of a dense forest. On the left side, there is a large, mature tree with a thick, dark trunk and a wide canopy of green leaves. The rest of the image is filled with a variety of other trees and undergrowth, including tall, thin saplings and various green plants and grasses. The lighting is bright, suggesting a sunny day, with some light filtering through the canopy.

**The Government
gave permission
for more trees to
be planted and also
provided plants for
20 hectares of land**



Local watchmen are now employed to protect plants and trees from animals and woodcutters



"If our forest had been full of trees, it would have been a big help to us today..."

...but our work will give our children greater protection for tomorrow."



The lack of an effective escape route from flooding in Bikhana and neighbouring Gamharia Musherri has been a danger for decades...



...but having a Disaster Management Committee has given villagers a **stronger voice**. And given Government an **effective communication channel**.

Action has been taken.

Budget has been allocated.

Construction of an access road is underway...



Steps taken in Bihar and Orissa provide seeds of hope

Awareness of basic rights is increasing

Connections between communities and local government are stronger

The capacity to drive local change is growing



Bihar and Orissa reflect the transformation that can occur when political, technical and financial resources are mobilised.

What's the impact of this collective mobilisation? happened on a global scale...