

Flood Risk Management at Rautahat

Strengthened community resilience and preparedness against flood risks through youth-led awareness, coordination, and disaster risk reduction initiatives in Ward 4 of Katakariya Municipality.

Nepal Youth Lead Development Center
(Rijawan Badhai and Tej Narayan Mahato)

200

Total direct beneficiaries reached in Ward 4

50%

Women participants

55%

Participants from marginalized groups

750

Number of indirect beneficiaries

The Climate Problem Tackled

Why Flood Risk Management?

Flooding is a major climate-related challenge in Ward 4, Bakiya Tole of Katakariya Municipality. During the monsoon season, heavy rainfall and poor drainage systems create waterlogging and flood risks that affect homes, roads, agriculture, and livelihoods. Limited awareness, weak preparedness systems, and inadequate local coordination further increase vulnerability, particularly among women, children, elderly people, and marginalized communities.

Primary location of the project

- Ward 4, Bakiya Tole
- Katakariya Municipality, Madhesh Province

Project implementation Phase

1

Community Consultation & Problem Identification

- Conducted discussions with local residents regarding flood impacts.
- Identified lack of awareness and preparedness as major challenges.

2

Community Awareness Sessions on Flood Preparedness

- Conducted community awareness sessions on flood preparedness and climate risks.

3

Youth Engagement and Consultation Meetings

- Organized youth-led consultations and community meetings on disaster risk reduction.
- Discussed possible community-based solutions with youth groups.

4

Disaster Preparedness and Evacuation Discussions

- Provided basic training on emergency response and safe evacuation practices.
- Conducted disaster preparedness and evacuation discussions.

5

Coordination Meetings with Municipal Representatives

- Coordinated with municipality representatives and local stakeholders for climate resilience planning.

Results, Inclusion and Sustainability

Logframe Achievement vs. Target



Inclusion Measures

1. Ensured participation of women and marginalized groups through targeted outreach.
2. Used inclusive community meetings and accessible communication methods.
3. Engaged women, youth representatives, elderly people, and marginalized communities in project activities.
4. Promoted active participation in planning discussions, awareness sessions, and consultations.

Key Lessons Learned

1. Youth participation plays a critical role in climate resilience initiatives.
2. Community collaboration strengthens local disaster preparedness efforts.
3. Awareness activities improve understanding of flood risks and preparedness measures.
4. Active involvement of women, youth and marginalized groups is crucial.

Sustaining & Scaling the Model

Local youth groups and community members will continue awareness and preparedness activities. The coordination with the municipality and local stakeholders will support continued engagement

Katahariya Municipality expressed interest in supporting future climate resilience and disaster preparedness initiatives.

The project model can be replicated in other flood-prone wards and municipalities. Replication is possible through community participation and local government support.



School awareness session
Photo courtesy of Rijawan Badhai



Group photo
Photo courtesy of Rijawan Badhai