

# ***Role model local action in Climate Change initiative: Experience from Nepal***



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# Forests , Livelihoods and Climate Change interface

Important community resources	Impact of climate change in ES			
	Provisioning	Regulating	cultural	
	1.Water sources	Water stress and energy stress	water filtration and flood regulation	Aesthetic and Recreational value
	2. Biodiversity	Food and fiber	Defense against disease and food security	knowledge, Spiritual Aesthetics
3. Wood and NWFP	Wood energy and herbal medicine	Climate regulation	loss of culture due to out migration	

# Warning Bell for Mountain ecosystem

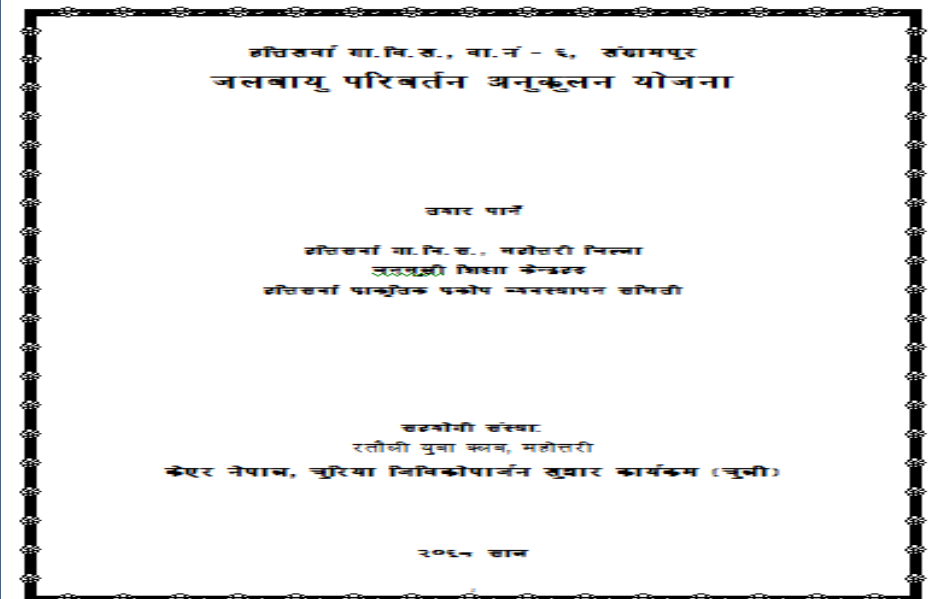
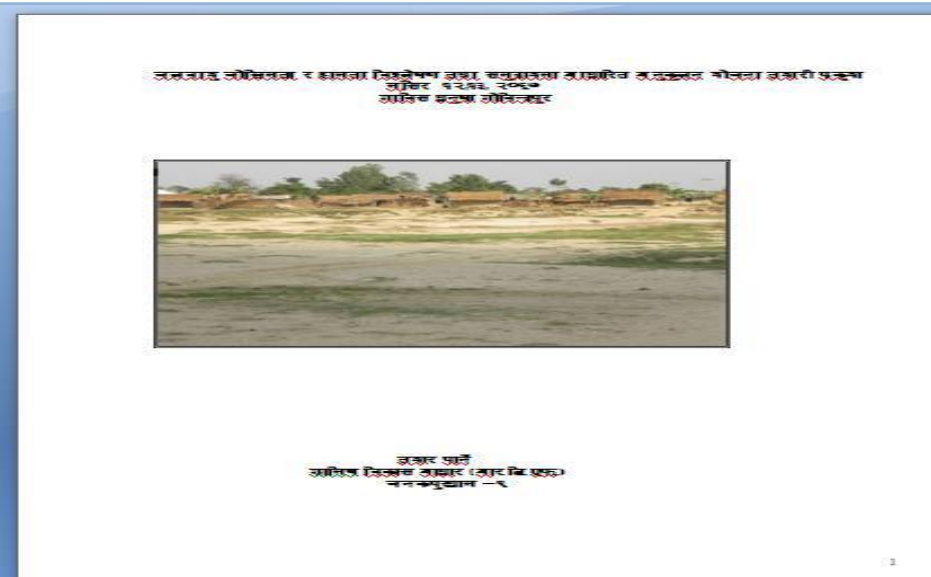




# Evolution of Climate Change initiatives



# Local Adaptation Planning initiatives



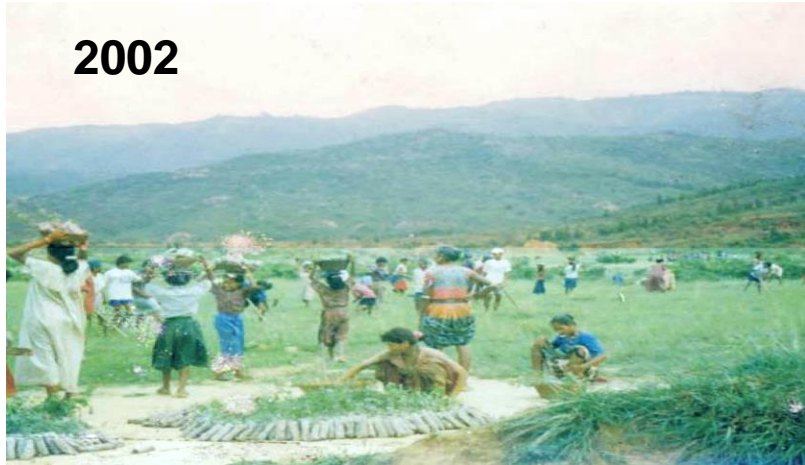


# REDD+ Initiatives at Local Level





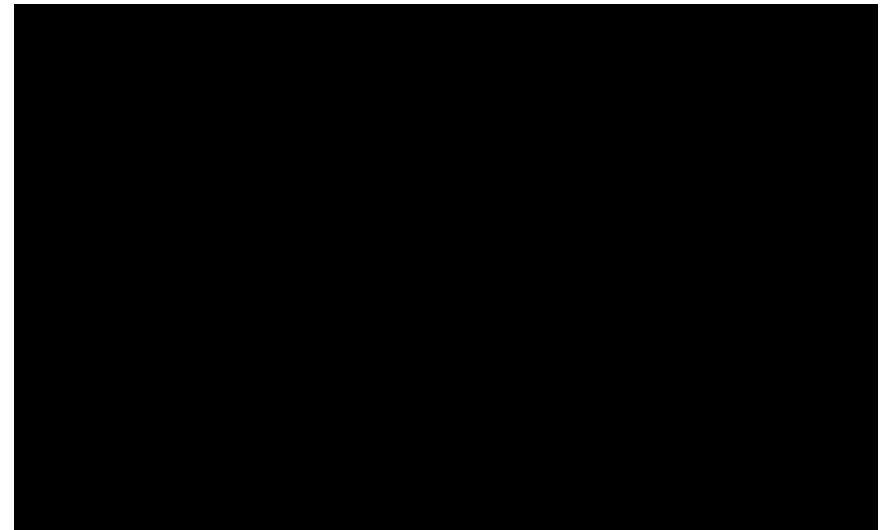
# Improved Resilient of forest ecosystem



Forest Restoration in TAL (W/L corridors)



Elephant sighted after long time



Tiger sighting reported



# Improved Resilient capacity of Community



Plantation along contour lines, July 2010





# Key Observations

Methodological complexity has limited appreciation of multiple functions of Forests affecting allocation of public financing;

knowledge and finance gap in forestry institutions (both public and community) has difficulty in understanding the potential risks of climate change in forests so has limited their capacity to adopt climate smart forest management;

Weak meso-level governance in climate change actions has caused difficulty to mainstream mitigation and adaptation actions to development activities for synergies- i.e. capture co-benefits of development to climate change actions;

# Conclusion and Take away message

- ❖ Establishment of satellite accounting under the will help to appreciate multiple role and increase domestic financing;
- ❖ Establishment of multi-layer knowledge platforms will enhance capacity to mainstream development activities to climate change actions;
- ❖ Active engagement of local government in CC actions is crucial for mainstreaming local level development activities to CC actions;

## Take away message:

1. If good institutions and practice is in place then there is scope to integrate mitigation and adaptation actions to development activities- CF experience from Nepal is good example;
2. Forests do have both potentiality i.e. mitigation as well as adaptation; so these functions should not be treated separate functions. Lets appreciate forests beyond Carbon sink reservoir.!!!





THANK YOU