

Gender Transformative
Climate Literacy for a
Sustainable and Resilient
Future in Bhutan:
Implications for Policy
and Practice

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Photo Credit: UNDP Bhutan

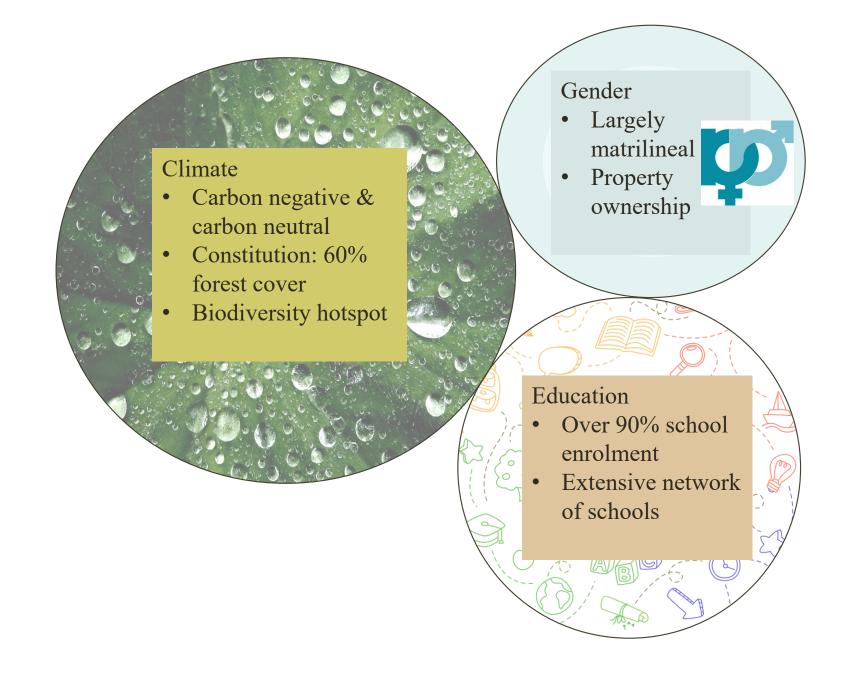
Why Now? Why Bhutan?

- Heightened climate work
- Raise ambitions
- Youth and women engagement
- Education policy revision
- A stronger baseline -Gender, Climate, Education

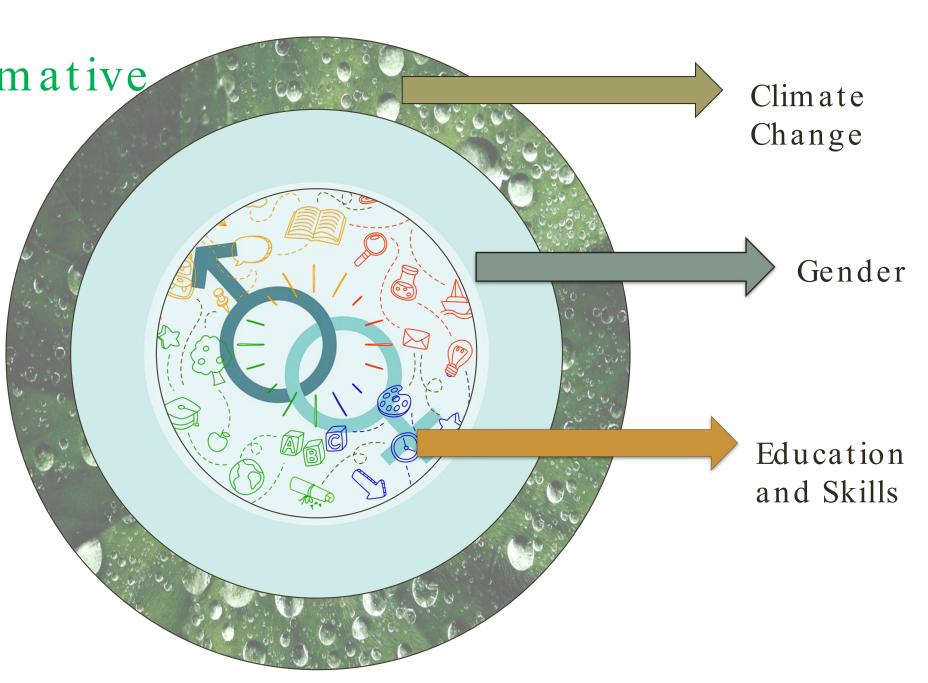


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Bhutan:
Climate,
Gender
and
Education



Gender
Transformative
Climate
Literacy



Gender Transformative Climate Literacy (GTCL)

An interdisciplinary approach that transcends basic climate knowledge and teaching by challenging and addressing underlying gender inequalities within the context of climate change while endeavoring to reshape societal gender norms and attitudes.

Motivation 1: Climate Vulnerable & Threats



Agriculture

80% of the Bhutanese practice subsistence farming. Climate change can cause changes in temperature and precipitation patterns and increase the vulnerability of a large group of population

Human Health

Natural Disasters

endangering life and property

downstream, increasing flash floods may also be caused by

intensifying.

Raising temperatures may cause the spread of tropical diseases and heat stress into higher altitudes Rapidly retreating alpine hig glaciers is increasing the risk of "glacial lake outburst floods"



Largely Gender Blind

Water Resources

Changes in the hydrological cycle such as lower winter flows in streams and intense monsoon rains may affect drinking water and supplies as well as hydropower generation



Forest & Biodiversity



Food Self Sufficiency



Build Bhutan Project



Motivation 2: Education System – An Un-tapped Opportunity

- A crucial conduit for climate action
- Potential to become a platform for gender transformative climate literacy
- Education Policy under review



Photo Credit: Thinley (Author)

Research Questions

QUESTIONS	INTENTIONS
How does the national education curriculum include teaching of climate change?	Understand what is taught and learned in terms of climate change in Bhutanese schools
What is the status of girls' climate literacy?	Indicator for GTCL
What are the feasible pathways GTCL?	What ecosystem actors and how approaches can be co-created

Methodology



- Mixed methods
- Online survey: district education officers
- Focus group discussion with schoolgirls from ages 13 to 18
- Interviews with relevant partner organizations

Photo Credit: Thinley (Author)

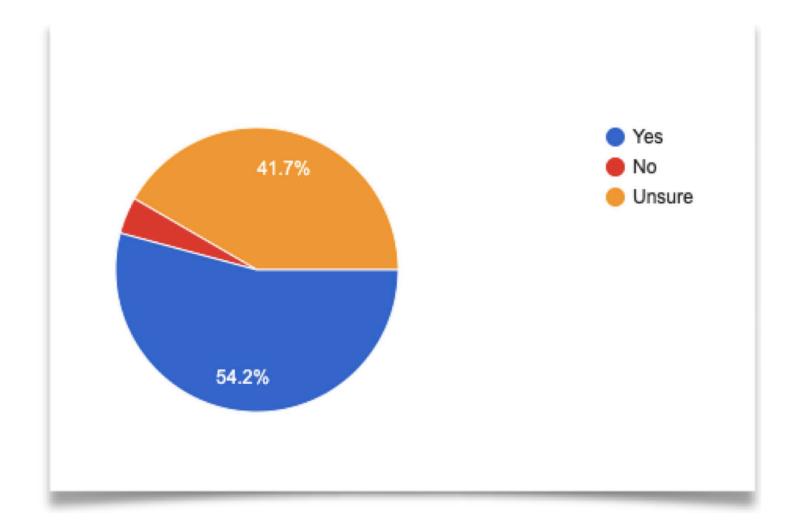
Findings - 1/3: Education Policy and Curriculum

Strengths	Areas of Growth
Education Policy under revision and focus on STEM	Incorporate climate and gender
Curriculum: - Climate subjects taught - Competency-based approach	Strengthen implementation of competency based approach
	Collect data GTCL



If a gender focus in the policy could improve climate literacy?

District Education Officers Survey



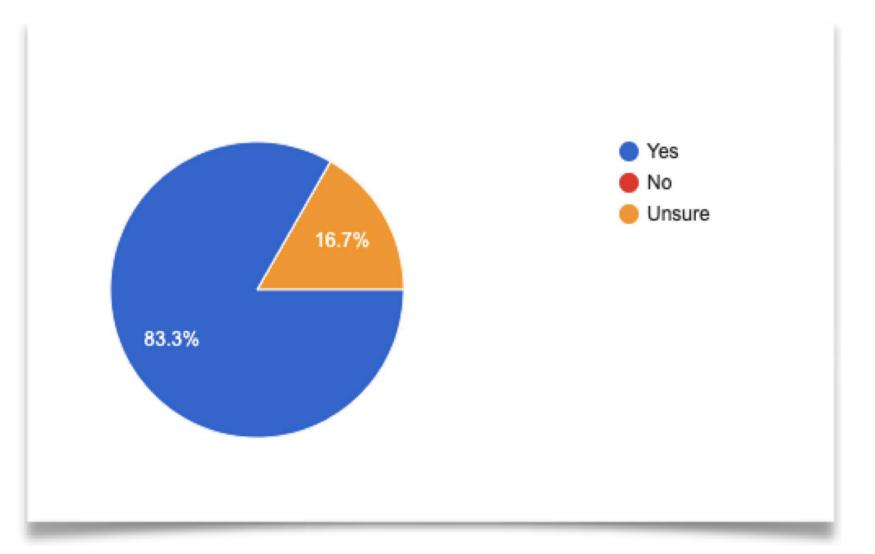
Findings 2/3 - Girls' Perspective (GTCL)

Strengths	Areas of needed growth
Good knowledge of	Climate awareness from a self
environment and climate	and relational perspective
Understands climate impacts -	Understanding gendered
floods, windstorms	impacts
Aspiration for climate agency	Create climate skills
	application learning spaces
Cautious view of the future	Centering climate and gender
given tech and social media	



Photo Credit: MoESD

Is climate literacy is important for girls?



District Education Officers Survey

Findings - 3/3: Ecosystem Actors and Partners



Strengths	Areas of Growth
Consensus and active implementation of programs with a gender lens	Projects that can be adopted and adapted for GTCL

Photo Credit: Thinley Choden (author)

Recommendation - 1/3: Policy and Curriculum

What	Who	Why
gender-transformative	Office of the Secretary, MoESD	Policy has influence



NATIONAL EDUCATION POLICY (Draft)



Royal Government of Bhutan June 2022

Recommendation - 2/3: Strengthen Ecosystem for GTCL

What	Who	Why
 Establish a coalition of partners Strengthen competency based curriculum Center gender and climate applications 	 Department of School Education, MoESD Partners 	 To break silos in practice Collective action



Photo Credit: Thinley Choden (author)

Recommendation - 3/3: GTCL Database

What	Who	Why
Gender Disaggregated Climate Literacy database to track and measure impact and refine interventions	Department of School Education, MoESD National Statistic Bureau	Baseline and track progress



