ICIMOD

Nakul Chettri

14 June 2022

Ecosystem approach and evolution of transboundary landscape in the HKH

Contents Changing disc

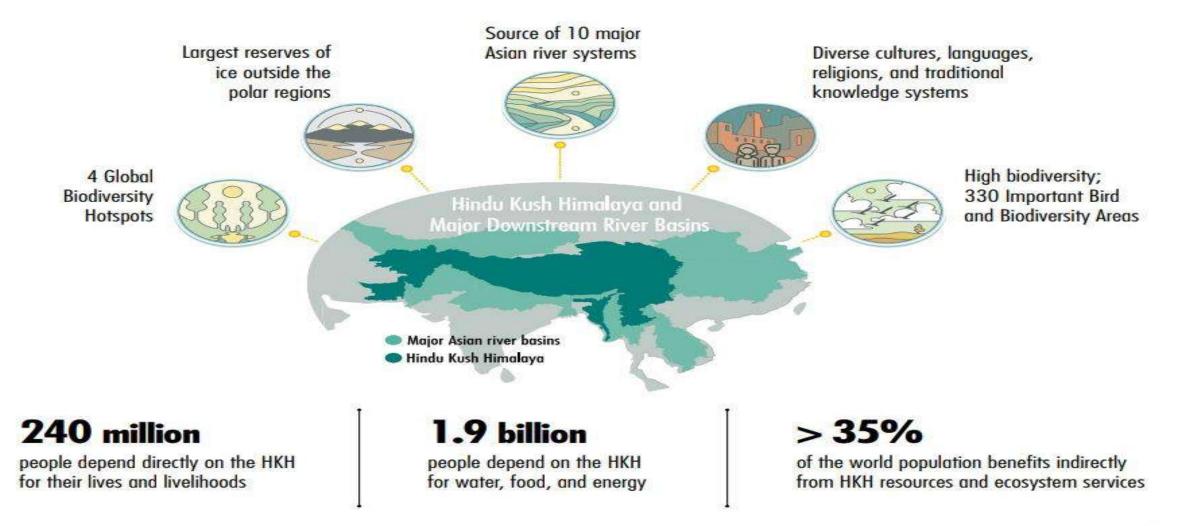
HKH as biodiversity repository Changing discourses and paradigm ICIMOD's contribution



HKH as biodiversity repository

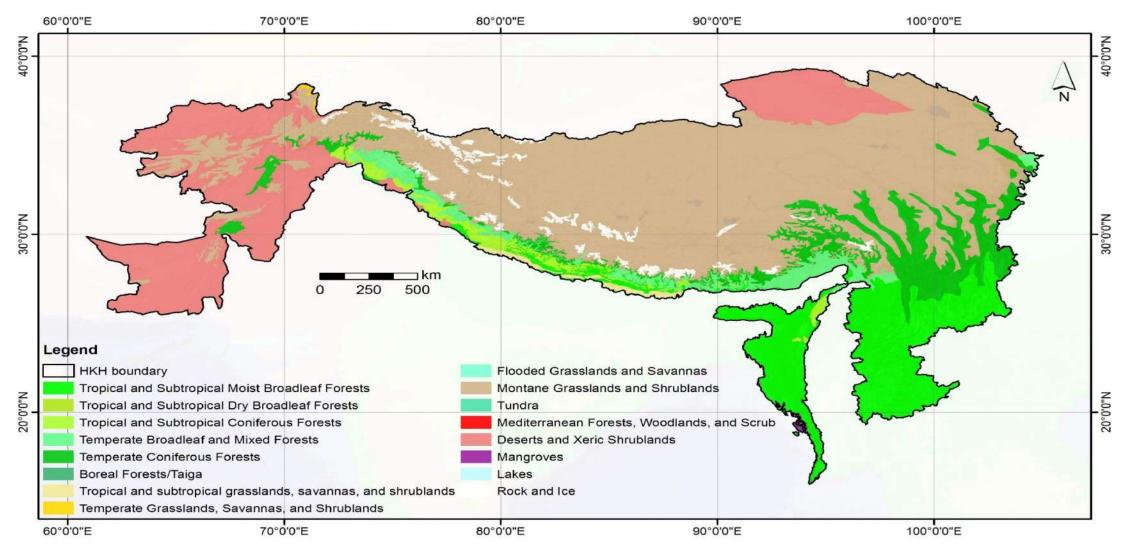


The Hindu Kush Himalaya

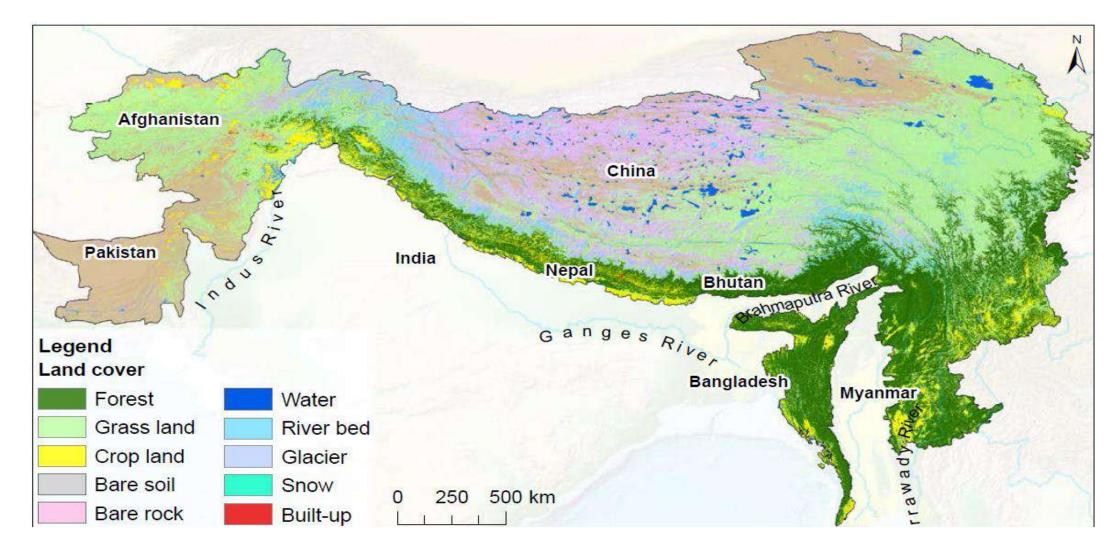


Summary of the HKH Assessment Report

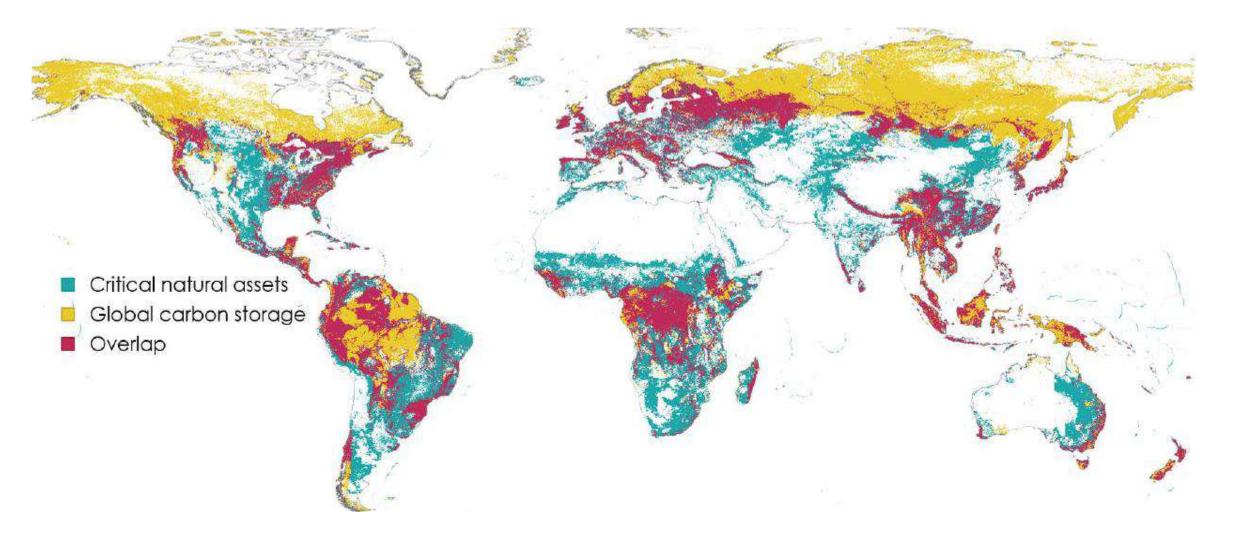
Contiguous ecoregions



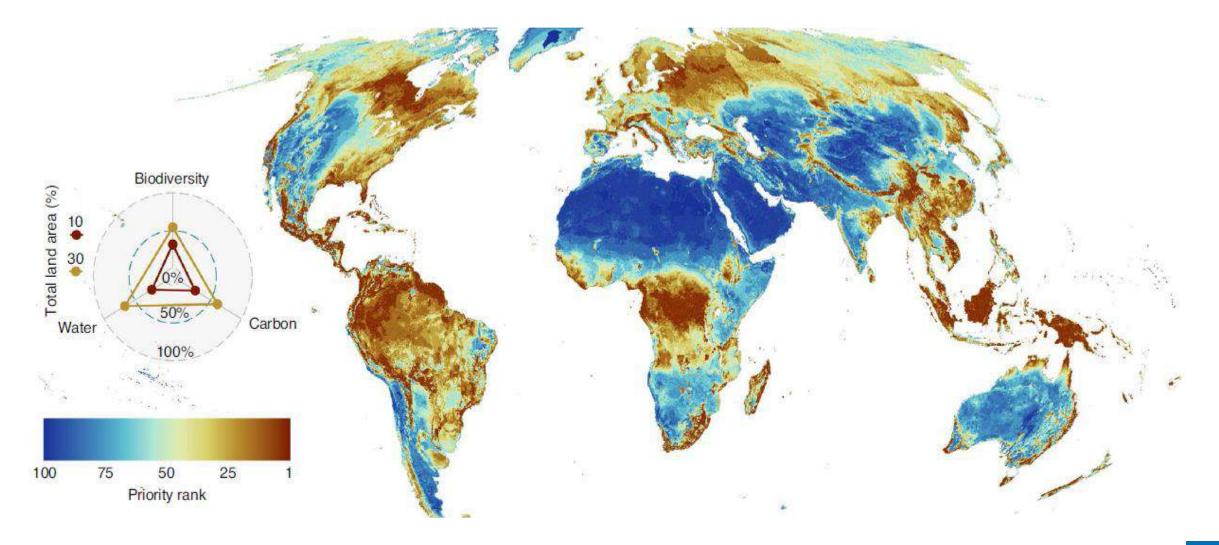
Contiguous ecosystems



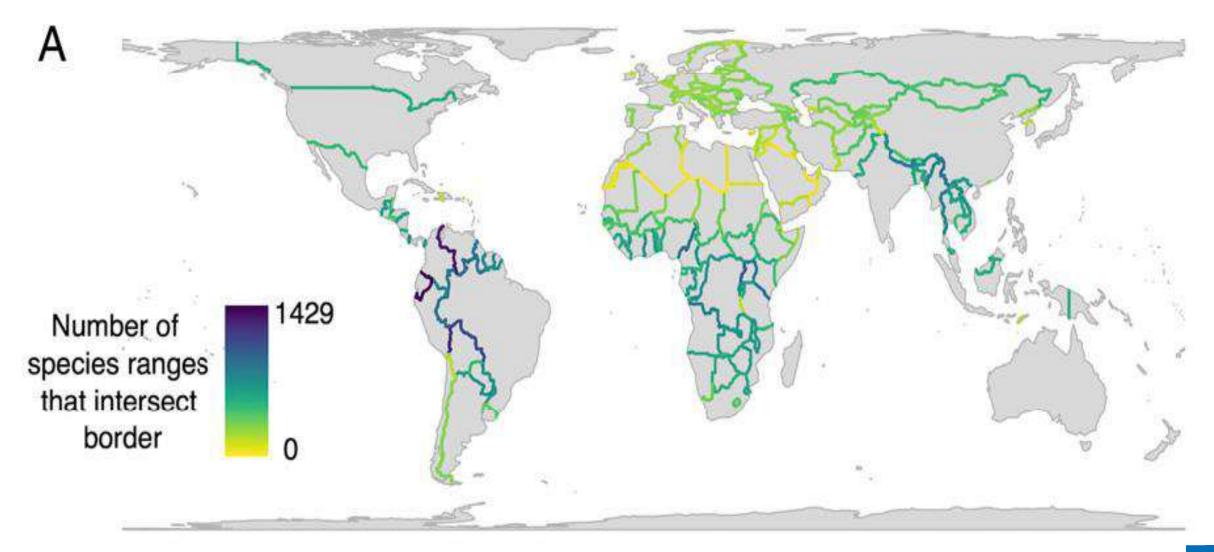
Natural assets and carbon storage



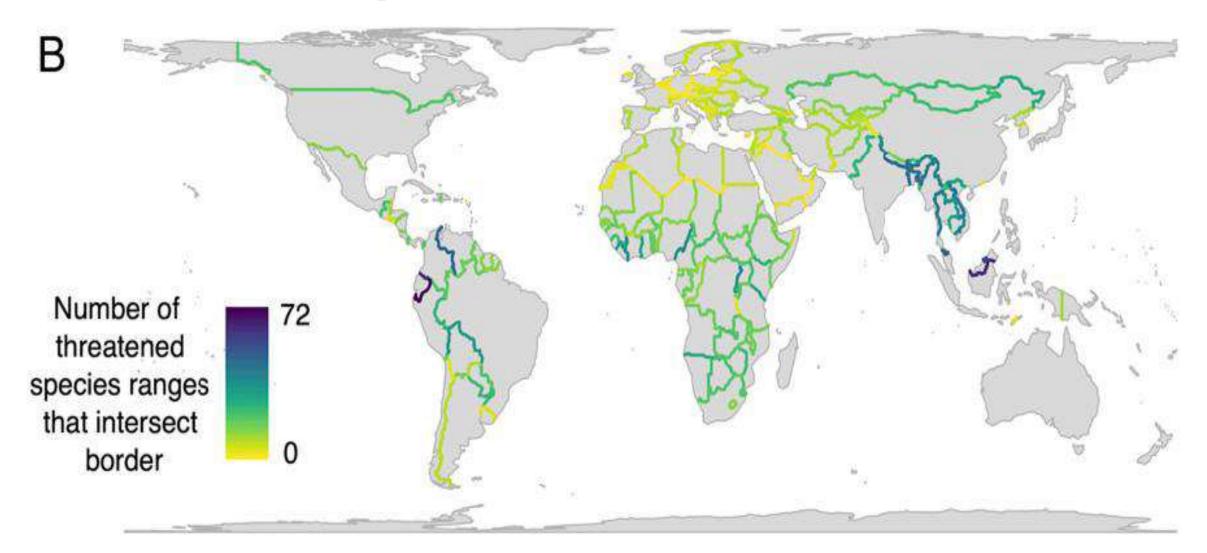
Biodiversity, water and carbon



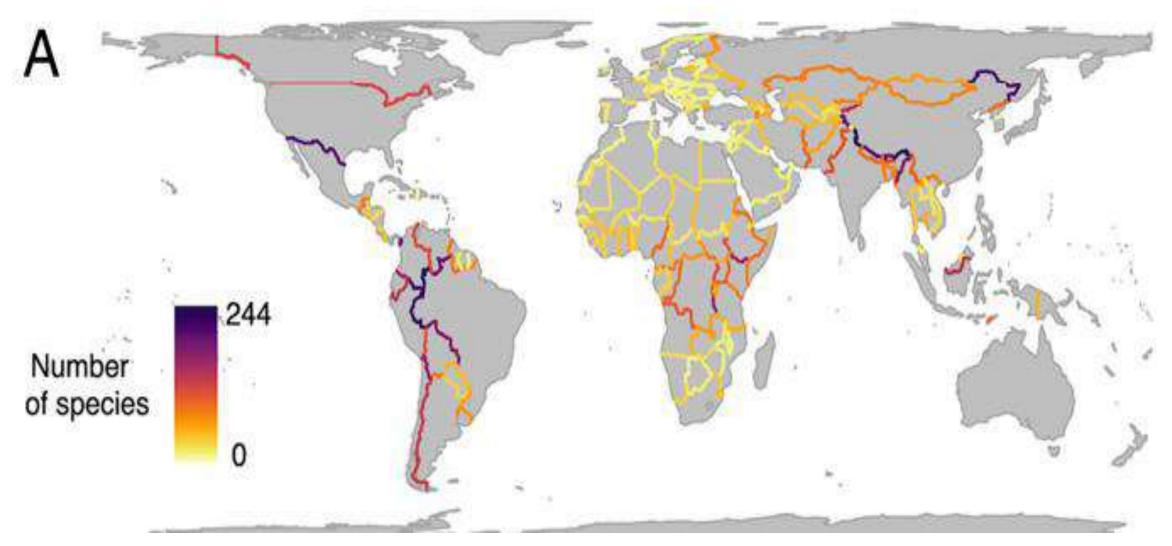
Transborder intersects



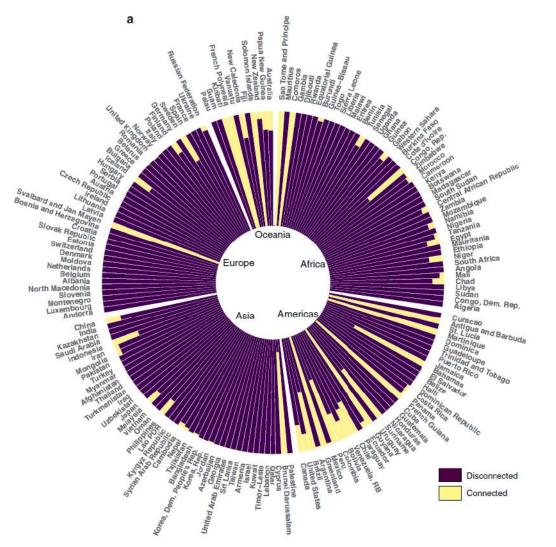
Threatened species intersects



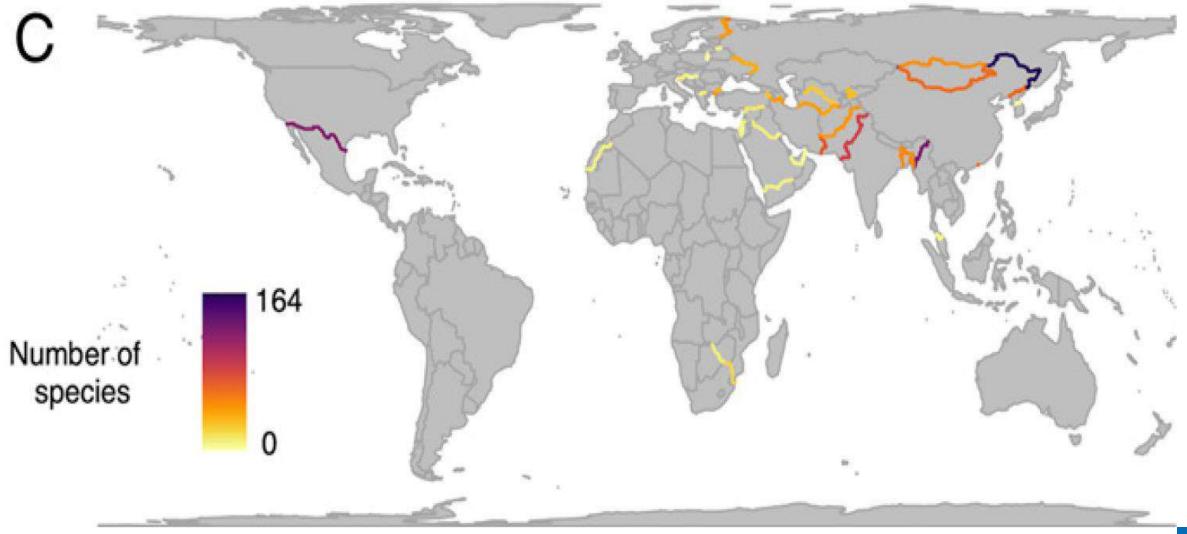
Mammals range shift



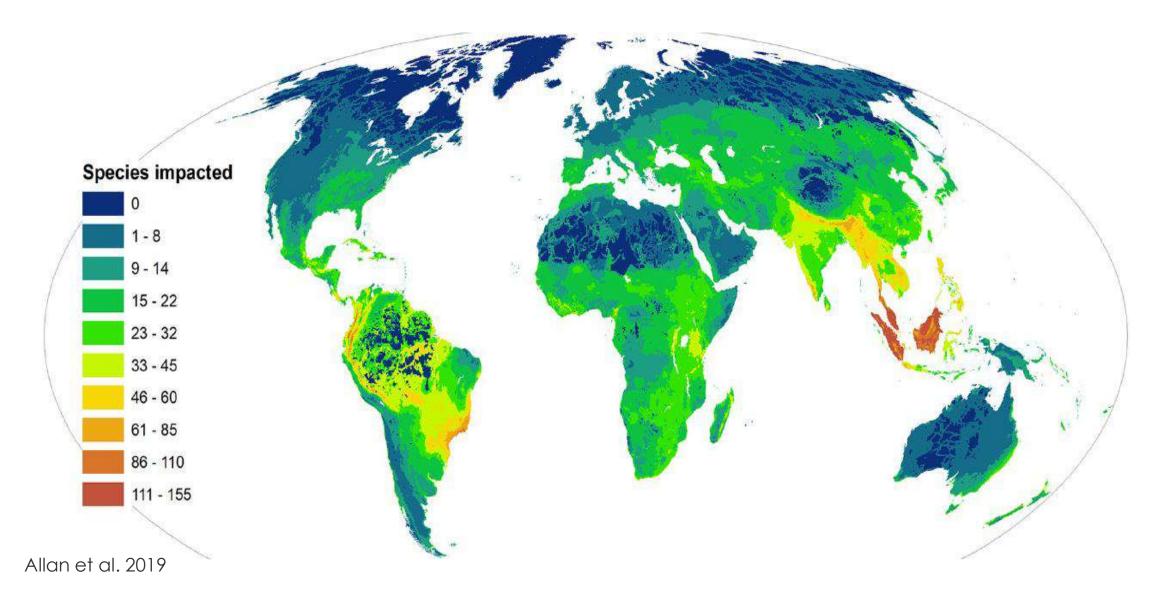
Intactness and connectivity



Fences limiting wildlife movements



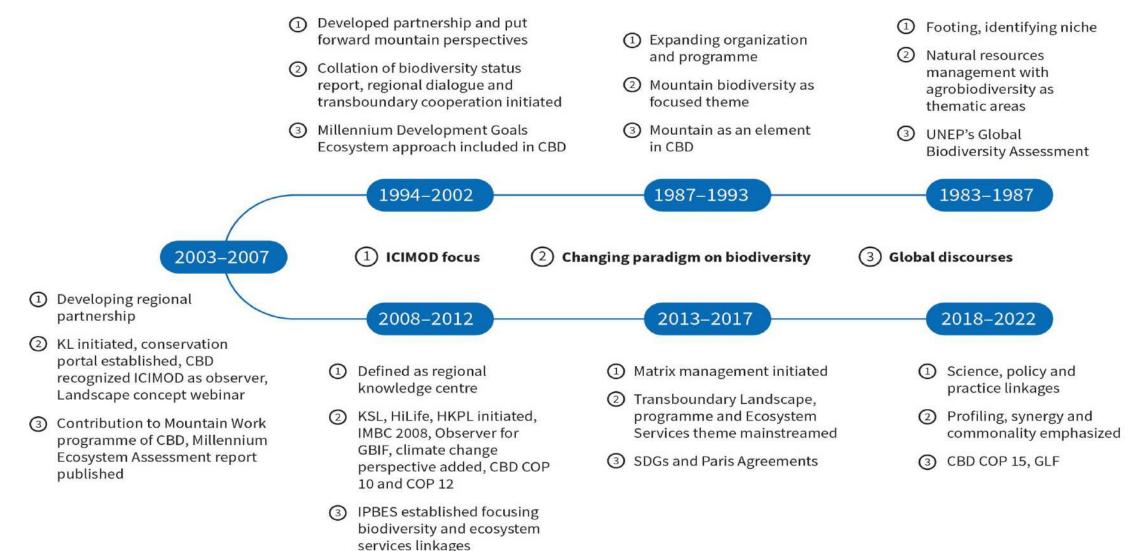
Human impact on species



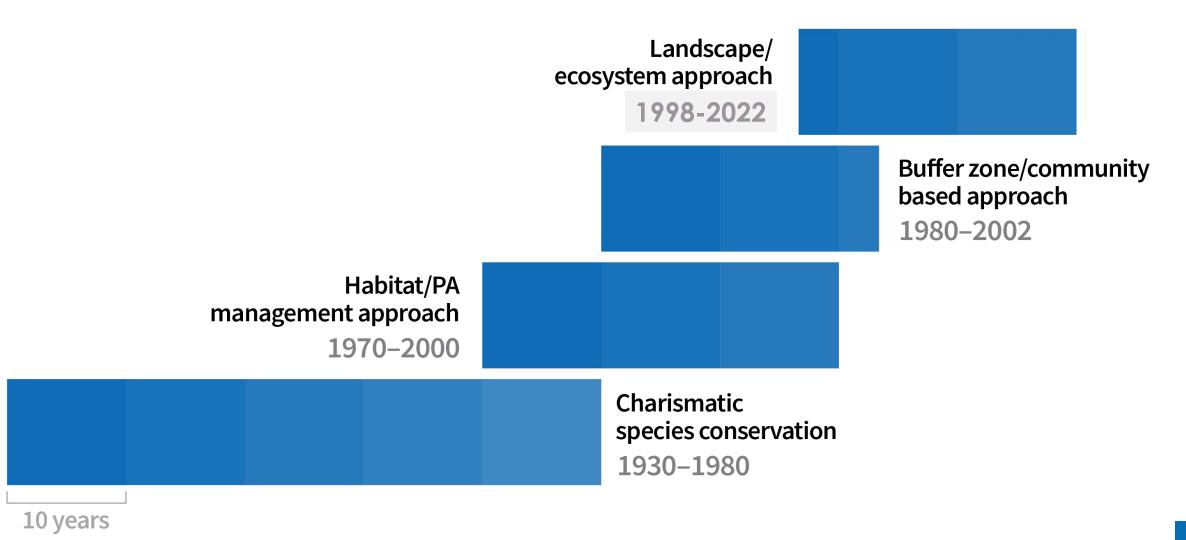
Changing discourses and paradigm



Changing priorities at ICIMOD



The changing paradigm in approaches

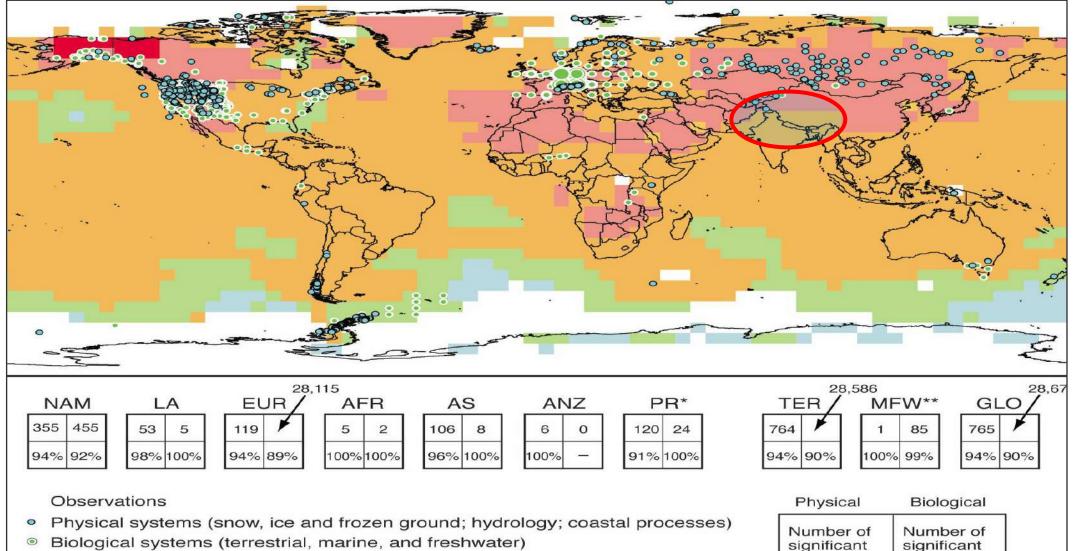


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ICIMOD's contribution



Data gap and grey area

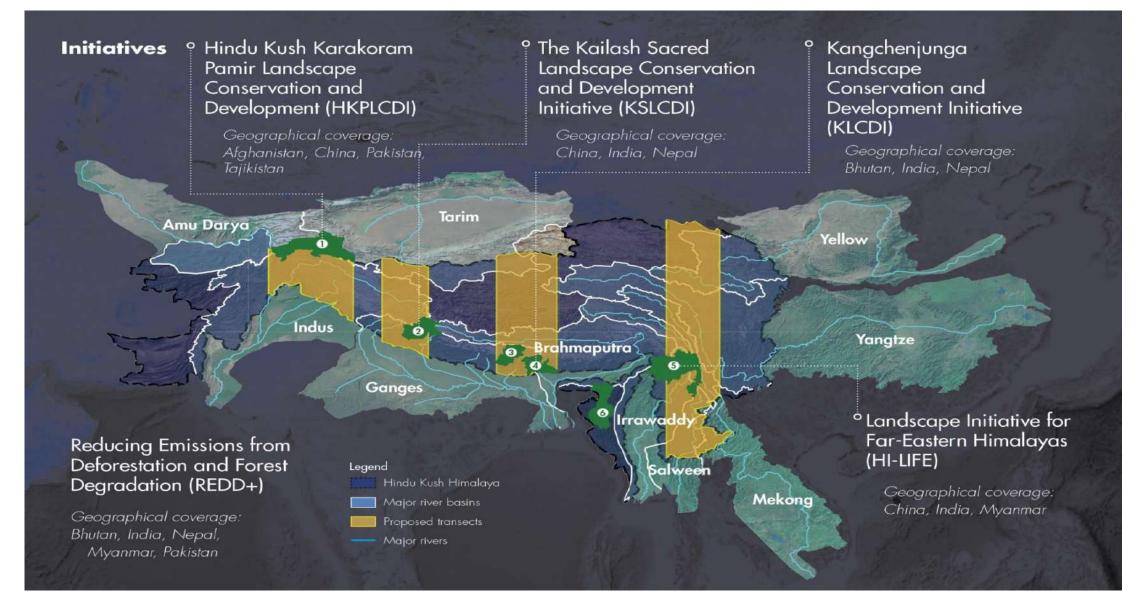


Europe ***

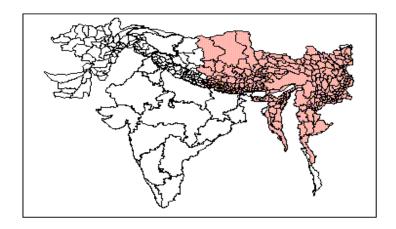
Number of significant observed changes	Number of significant observed changes	
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Transect and transboundary landscapes



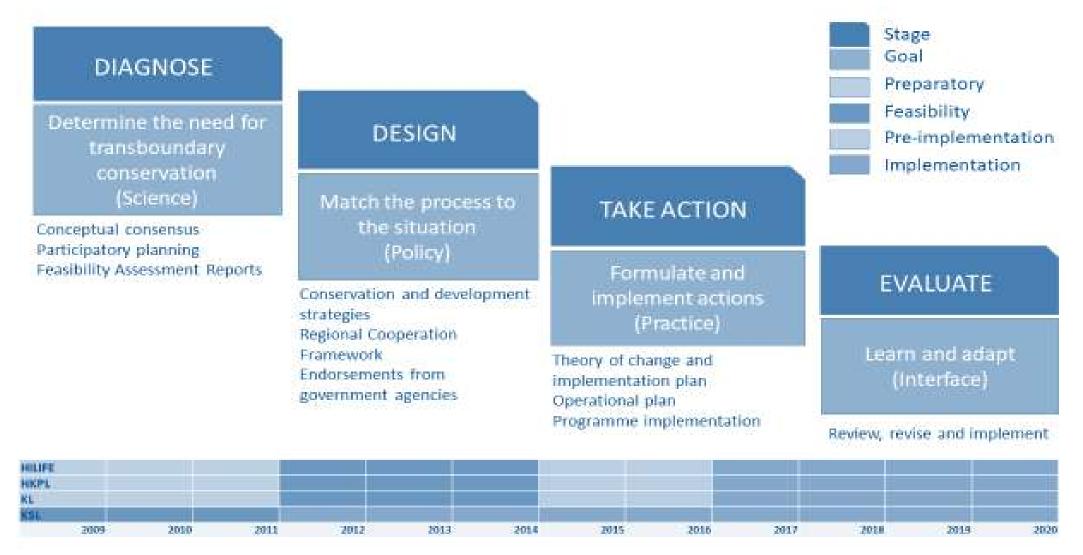
Complemented the NBSAP report of



- 1 Kangchendzonga
- 2 Jaldapara-Buxa-Phibsoo
- 3 Jigme Dorji-Manas-Bumdeling
- 4 Tawang-Khulong Chu
- 5 Namcha Barwa-Dibang Walong
- 6 Namdapha-Hkakaborazi

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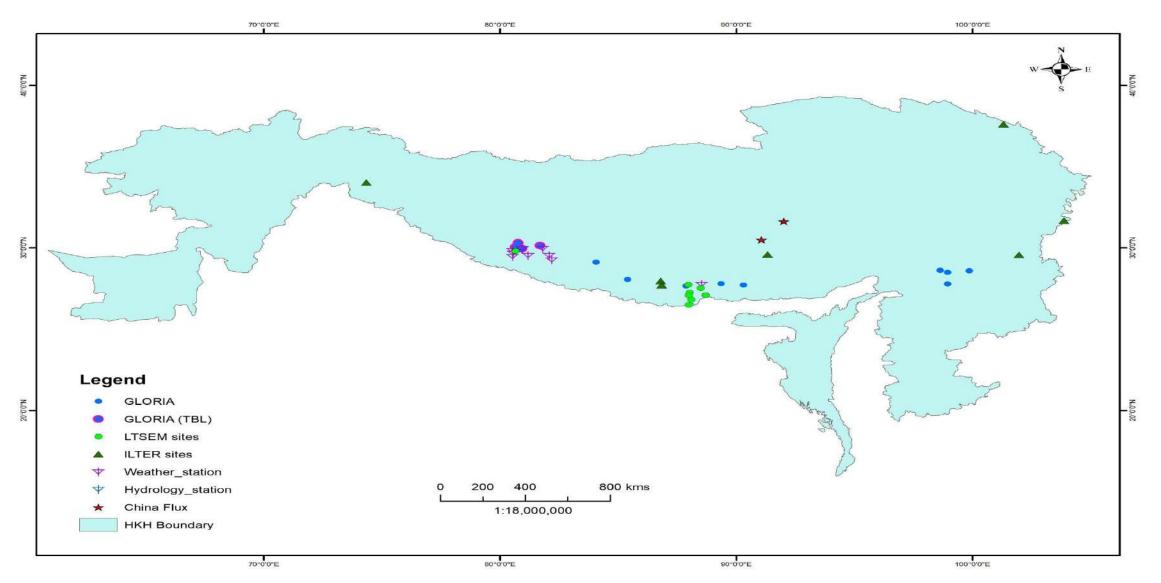
Our interventions



Chronology of landscape evolution

	LEGEND		1995-1999					
Milestones within the Kangchenjunga Landscape and Kanchenjunga Landscape Conservation and Development Initaitive (KLCDI) Relevant global and regional conservation and development milestones outside of the Kangchenjunga Landscape		First regional con conservation of Kan Kangchenjunga Conse establish Boundary of Khang National Park in Sil extended from 850 to	ngchenjunga rvation Area ned in Nepal chendzonga kkim, India,	19981999International meeting on EcoregionalWorksho Biodiver the East biodiversityBiodiversityin Kathm Kangche Landsca		enjunga ape identified as ty conservation		
2005-2009			2000-2004					
2009	2008 2007	2006	2004	2002		2000		
Kailash Sacred Landscape Conservation Initiative implemented	data-deficit region	Workshop to develop regional cooperation framework for implementation of CBD in Kangchenjunga Landscape, Sikkim, India	KLCDI initiated by ICIMOD International Yea of Mountains		No to	Khangchendzonga National Park expanded to Biosphere Reserve (2,619.92 km²) CBD endorsed		
Nepal International Mountain L		Sacred Himalayan Landscape — Nepal Strategy Plan prepared	andscape — Nepal Decision VII/2/ during		to the	five-point operational guidance for "ecosystem approach"		
2010-2014			2015-2017					
201	0 2012 First regional	2014 Second regional	Third region	2015 nal consultation on	2016 Klcdi b	2017		
Strategic Plan for Biodiversity consultation on KLCDI in Sikkim, India 2011–2020 sikkim, India and Aichi Targets Feasibility assess for KLCDI initiate		consultation on KLCDI in Thimphu, Bhutan KLCDI Feasibility ent Assessment approved	KLCDI in Kathmandu, Nepal KLCDI Conservation and Development Strategy approved 2030 Agenda for		phase (2016—2035) KLCDI Regional Cooperation Framework endorsed			
Tenth Conference of the Parties to the CBD	Rio+20 Confere	ence	Sustainable Development adopted		Transboundary policy dialogue for sustainable tourism in the Kangchenjunga			
			10	UNFCCC Paris Agreement adopted		Landscape 👗		

Long term monitoring stations



Enabling environment

Transboundary cooperation:

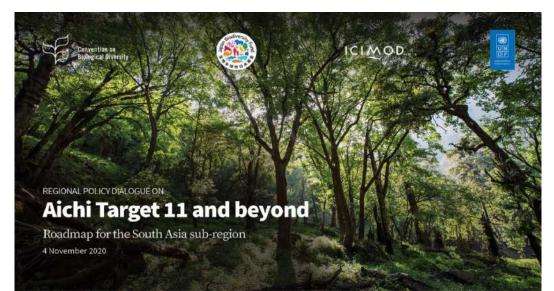
Festivals, dialogues, cross learnings

Innovation and livelihood –

Mainstreaming of thematic topics, equity and gender focused interventions, capacity developments

Knowledge support – Biodiversity status, ecosystem services, climate change impacts – assessment frameworks, databases

Policy support – Tourism, trade, NRM, value chains, CBD targets





Global outreach

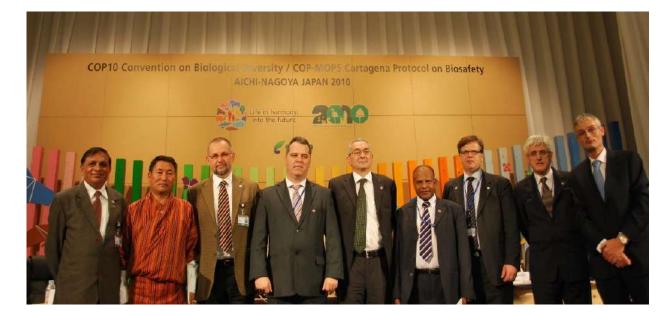
CBD

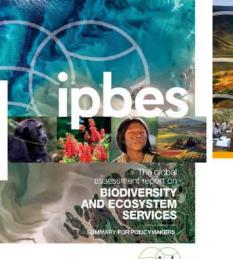
Ecosystem approach, Aichi target review, post 2020 Framework

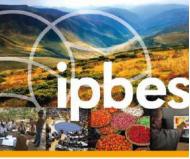
IPBES – Global, Regional and Thematic assessments

UNFCCC – NWP – Biodiversity and climate change linkage – scoping document, assessment framework

UNESCO-IUCN – Status and potential WHS in the HKH, PA status







The methodological assessment report or SCENARIOS AND MODELS OF BIODIVERSITY AND ECOSYSTEM SERVICES



IUCN

Leveraging the World Heritage Convention for conservation in the Hindu Kush Himalaya An nagendart assessment of natural World Heritage potential





Customization of global agenda



Transboundary products (e.g. harmonized Vegetation Maps, LTSEM, EAM Framework)

> Complementarity and synergy Guidelines, policies and knowledge products Capacity development

LOCAL

issues and policy initiations

NATIONAL

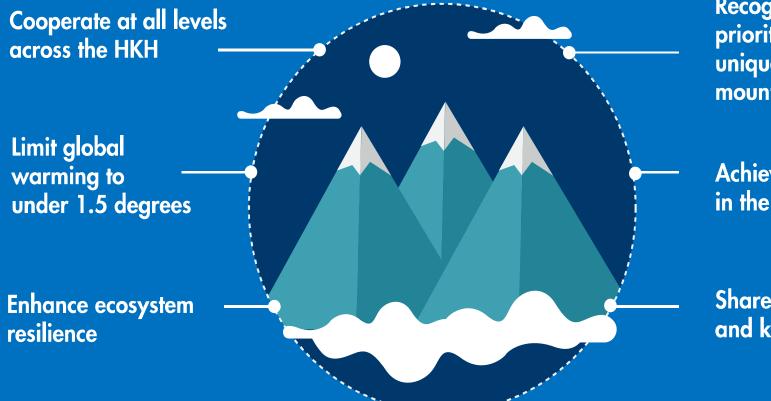
Increased cooperation between national agencies and ability to plan and impliment

Sustainable livelihood options for communities, community participation in conservation

PNRM Planning and Implementation Niche products promotion Institution development

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SIX URGENT ACTIONS FOR THE HINDU KUSH HIMALAYA



Recognize and prioritize the uniqueness of HKH mountain people

Achieve the SDGs in the HKH

Share information and knowledge

2030 strategic focus - Biodiversity and environmental health



Protect the pulse