# Just Adaptation and Indigenous Peoples



# Land is life, Water is blood.



Our Good Health and well-being. Our women hold the knowledge of herbal medicine, sea animals, and plants.



Our food sovereignty and food security.

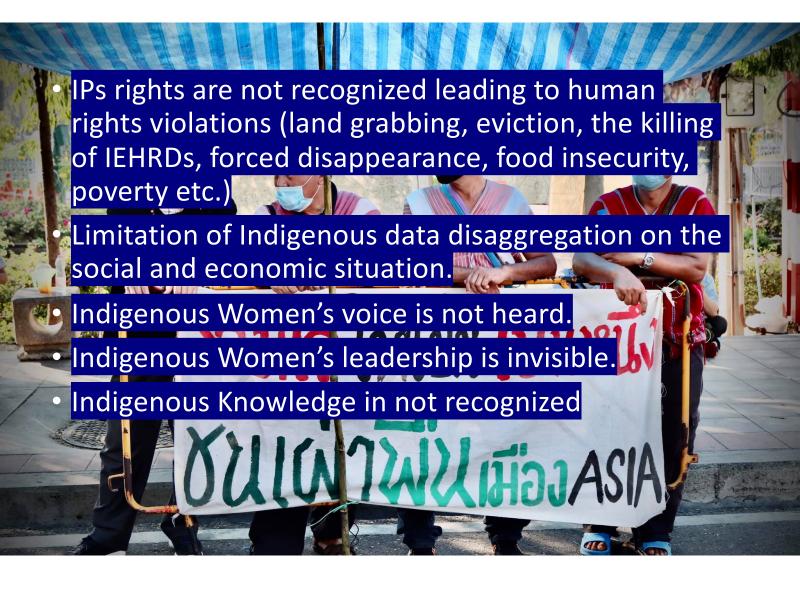
Spiritual and identity.
Relation of nature, human, and supernatural.



School of life:Learning space for our own people and outsiders.







# Fire Management/Forest Monitoring

- Fire break 6 Kilometers
- Forest monitoring 26 Kilometers
- Community Fund



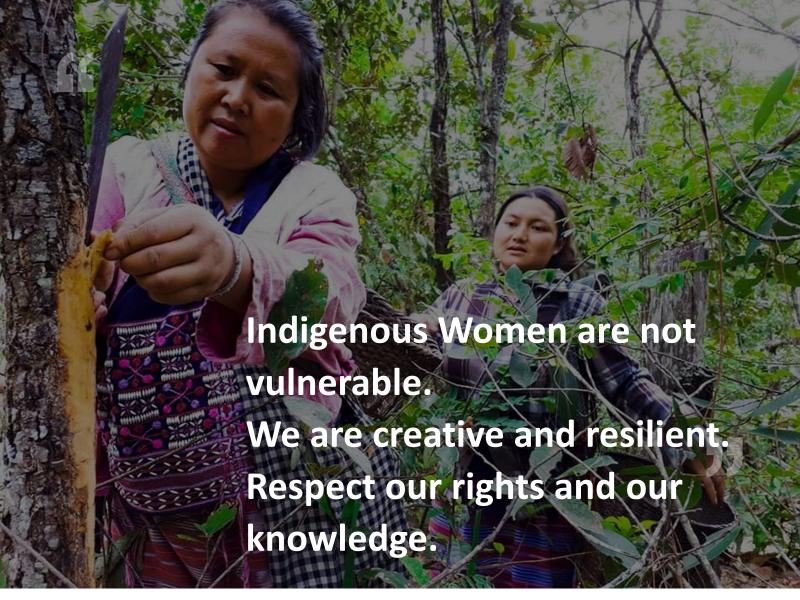




## Recommendation



- Decision making, effective participation (all processes and all levels)
- Full and effective participation.
- Capacity building,
- Documentation-info sharing,
- Gender Responsive



# Framing "Just Resilience" in a globalised world - what do we need to get there?

Frida Lager, Stockholm Environment Institute 27 September 2023



# Just transitions and adaptation in a globally connected world

"Perhaps the most significant lesson brought by these last twelve months has been that we are no longer separate nations, each best served by looking after its own needs and security.

We are a single, truly global species, whose greatest threats are shared and whose security must ultimately come from acting together, in the interests of us all"

Sir David Attenborough

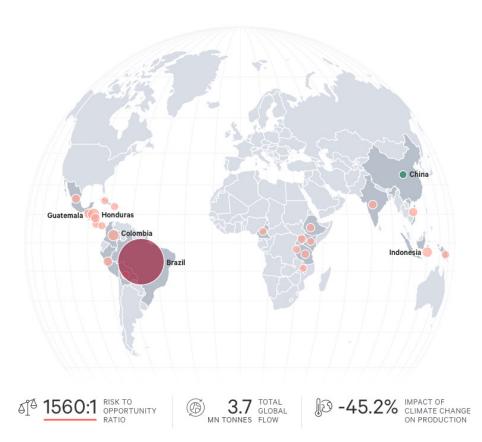






## Top Global Risk Exporters for Coffee Arabica

Visualising the top exporters of climate change risk for global coffee arabica trade.



#	EXPORTER	TOTAL SHARI OF GLOBAL RISK (%)		IMPACT OF CLIMATE CHANGE ON PRODUCTION
1	Brazil		23407k	-63.7%
2	Honduras		3125k	-62.8%
3	Colombia		9522k	-21.9%
4	Indonesia		1117k	-35.7%
5	Guatemala	1	3804k	-34.5%
6	Peru	1	3635k	-24.5%
7	Nicaragua	1	1318k	-74.2%
8	Viet Nam	1	261k	-52.5%
9	Costa Rica	1	1728k	-43.9%
10	El Salvador	I	1119k	-76.3%
11	Uganda	I	610k	-58.6%
12	Mexico	1	1976k	-43.9%
13	India	1	933k	-18.5%
14	Tanzania	1	548k	-52.0%
15	Ethiopia	1	3359k	-9.2%
16	PNG		1023k	-16.6%
17	Haiti	1	627k	-60.8%
18	Burundi		1203k	-28.7%
19	Kenya		717k	-12.8%
20	Panama		85k	-53.6%
21	Bolivia		142k	-60.1%
22	Cuba		200k	-78.5%
23	Cameroon		84k	-80.6%
24	Malawi		28k	-65.3%
1	China		546k	2.2%

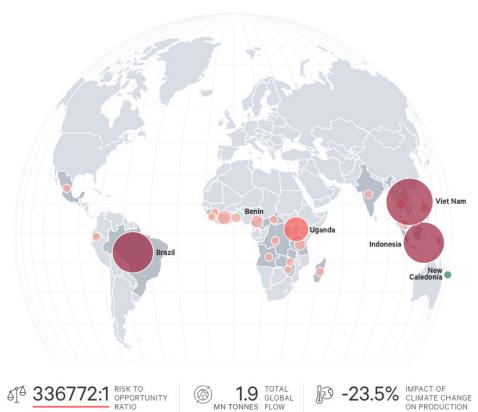






## Top Global Risk Exporters for Coffee Robusta

Visualising the top exporters of climate change risk for global coffee robusta trade.



#	EXPORTER	TOTAL SHARE OF GLOBAL RISK (%)	EXPORTS (60KG BAGS)	IMPACT OF CLIMATE CHANGE ON PRODUCTION
1	Viet Nam		8434k	-26.0%
2	Brazil		6992k	-19.0%
3	Indonesia		6330k	-21.6%
4	Uganda		2442k	-32.9%
5	Côte d'Ivoire		1662k	-32.0%
6	Cameroon		561k	-47.5%
7	Tanzania		413k	-24.5%
8	Thailand	1	428k	-25.7%
9	Malaysia	1	239k	-26.3%
10	Togo	1	131k	-19.2%
11	Philippines	1	267k	-24.8%
12	Madagascar	1	290k	-15.6%
13	Ecuador	1	85k	-26.3%
14	India	1	2077k	-1.2%
15	DRC	]	320k	-51.7%
16	Sierra Leone		436k	-36.6%
17	Mexico		104k	-23.0%
18	Laos		67k	-31.5%
19	CAR		99k	-49.8%
20	Zambia		19k	-13.5%
21	Zimbabwe		8k	-12.5%
22	Guinea		18k	-30.3%
23	Angola		161k	-26.7%
2	Benin		<1K	3.4%
1	New Caledoni	ia	<1K	20.4%

# The farmer's perspective

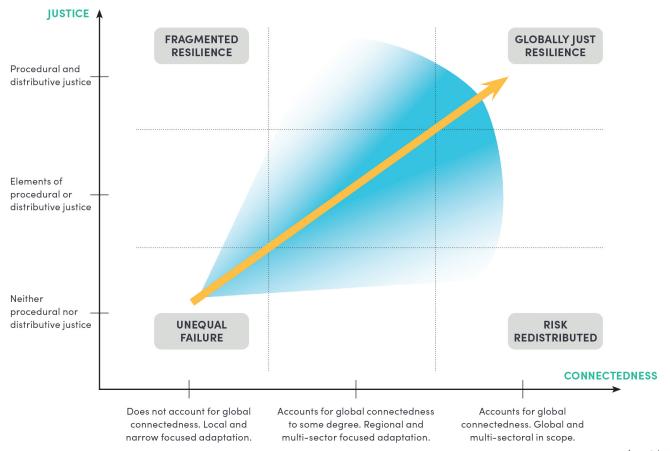
- 80% of coffee farmers globally are smallholders: < 5 hectares
- Declining yields/loss of income
- · Loss of livelihoods
- "Abandonment"





## Framework for a Globally Just Resilience

The yellow arrow shows the movement of just transition for adaptation in a globally connected world within the framework





Source: Lager et al. 2021

# Moving from ambition to action: Developing agreed principles for the road ahead

- · Actively encourage adaptation;
- Avoid the creation of adaptation "losers" or redistributing climate risk:
- Provide international support for vulnerable regions and communities;
- Support people and communities who are negatively affected by adaptation measures;
- Reduce climate risk and distribute the burdens of adaptation fairly, ensuring that risk is not transferred from the private to the public sector;
- Address existing global inequalities, including the distribution of climate risk;
- Ensure that a planning process is both inclusive and transparent.















Search...

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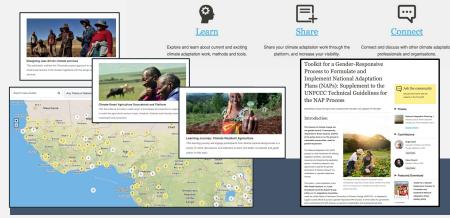


## Climate change adaptation planning, research and practice.

weADAPT is a collaborative platform on climate change adaptation issues. It allows practitioners, researchers and policy-makers to access credible, high-quality information and connect with one another.

weADAPT.org







## 6 Generations of Knowledge Management

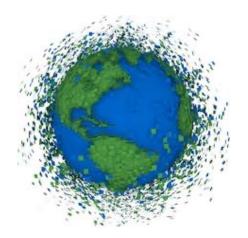
:	L: ICT-Based	2: Organization- based	3: Knowledge sharing-based	4: Practice-based	5: Development knowledge system/ecology	6. Decolonization of knowledge
			Identifying conce	epts		
	Knowledge as a commodity	Knowledge as an asset within organizations	Knowledge sharing between organizations	Knowledge process embedded in organizational processes	Cross-domain knowledge integration and knowledge co-creation	'We have a dream' - common aspirations for a fairer development knowledge system/ecology
			Features			
	P ICTs P Databases Portals Clearinghou ses	KM audits     KM scans     Explicit and tacit     knowledge	<ul> <li>Peer assist</li> <li>Case studies</li> <li>'Best practices'</li> <li>Interorganization communities of practice</li> </ul>	<ul> <li>Role of social media</li> <li>People-centric</li> <li>Practice-based</li> </ul>	Multiple     knowledges     Multi-stakeholder     processes     Global public good     and knowledge     commons     Emphasis on local     knowledge     Emergence and     complexity	<ul> <li>Epistemic justice</li> <li>Anti-racism</li> <li>Indigenous and local knowledge (ILK)</li> <li>Diversity in KM approaches</li> <li>New knowledge partnerships</li> <li>New knowledge practices</li> </ul>

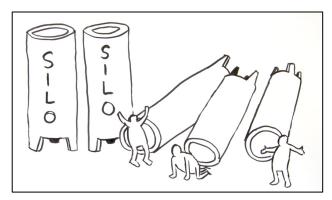
**Source**: Boyes et al., 2023, adapted from Cummings et al., 2018.



## Knowledge barriers to achieving "just adaptation"

Information overload: Leads to confusion, replication and redundancy







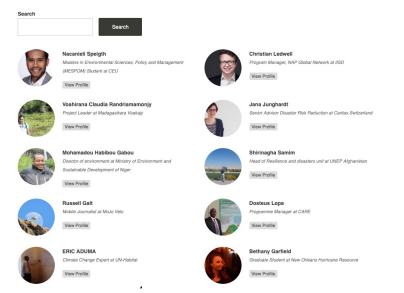
weADAPT vision:

To accelerate learning, collaboration and climate action

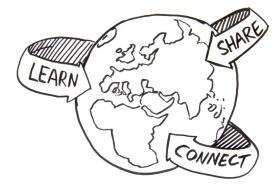


## **Are We Doing Things Right?**

### People



160,000+ unique site visits in 2022 10,000+ newsletter readers



1

7000+ members

<

1500+ organizations

**7** 

1800+ articles



700+ case studies



~4000 LinkedIn followers

 $\mathbb{X}$ 

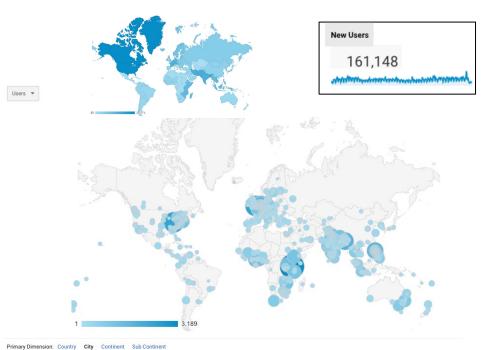
7000+ X followers



4000+ Facebook followers

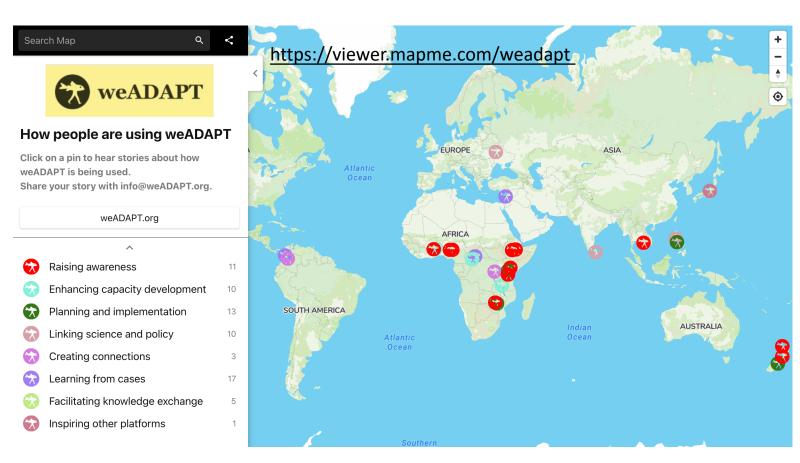
## Global reach in 2022





1.	1	India	1.	Nairobi
2.		Netherlands	2.	London
3.		Philippines	3.	Columbus
4.	818	United Kingdom	4.	Amsterdam
5.		Czechia	5.	Dhaka
6.	•	Canada	6.	Quezon City
7.		Seychelles	7.	The Hague
8.		Germany	8.	Kampala
9.	-	Kenya	9.	Accra
10.	• >	China	10.	Bengaluru
11.	e de la constante de la consta	Australia	11.	Delhi
12.		Bangladesh	12.	Lagos
13.	×	South Africa	13.	Harare
14.		France	14.	New York
15.		Indonesia	15.	Kathmandu
16.		Ethiopia	16.	Addis Ababa
17.		Russia	17.	Dar es Salaam
18.		Nigeria	18.	Paris
19.		Italy	19.	Mumbai
20.	B	Nepal	20.	Sydney





## Are We Doing the Right Things?



# How Do We Know What The Right Things Are?

Interviews highlight that, amongst other things, weADAPT is:

- Raising awareness and promoting adaptation practice
- Developing capacity and supporting training
- Supporting planning and implementation
- Fostering new connections and knowledge exchange



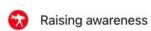


"we use weADAPT case studies as examples of how local areas have adapted or how they have participated in processes to resolve issues, because people are always looking for practical examples".

- Consultant, Cambodia

"Because of weADAPT, I had that passion of trying to see what my country is doing and how the climate change is affecting farmers as well."

- A meteorologist in Botswana







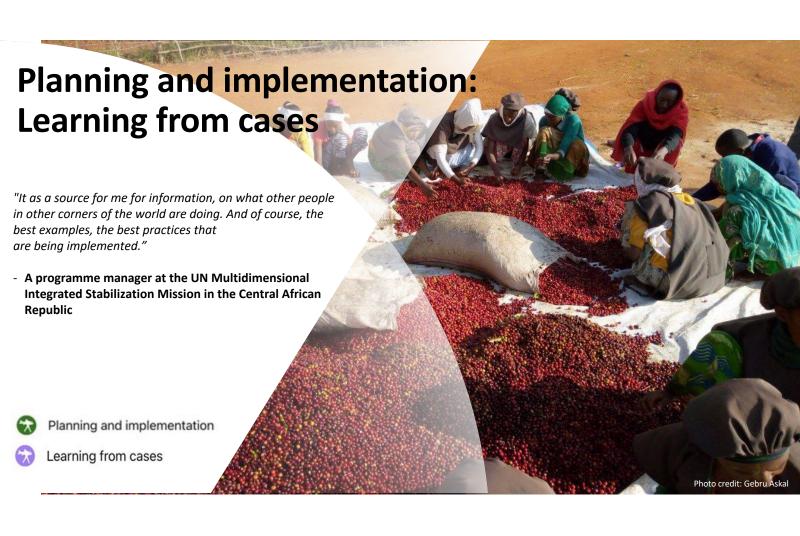
An environmental organization in Zimbabwe has brought weADAPT knowledge to local farmers, training lead farmers on several agricultural practices, like the use of drought-tolerant crops, who will then train others.



Enhancing capacity development

had been displaced.







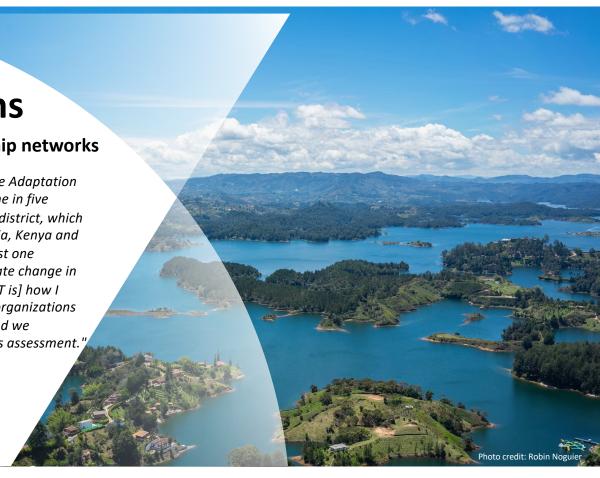
**Developing partnership networks** 

"A Community Climate Change Adaptation Assessment [...] was to be done in five countries of the Lake Victoria district, which are Rwanda, Burundi, Tanzania, Kenya and Uganda [...] we needed at least one organization working on climate change in each country [...] So [weADAPT is] how I came across to find all these organizations working on climate change and we partnered to carry out this this assessment."

- Researcher in Rwanda



Creating connections



# What contributes to this? weADAPT core values

- 1. Improving access and connectivity to knowledge
- 2. Using accessible language and synthesizing material for a nontechnical audience
- 3. Promoting equitable knowledge sharing and valuing multiple knowledge types
- 4. Sharing knowledge that is trusted, timely and relevant
- 5. Keeping a local to global focus, with inclusive and diverse content
- 6. Easy to use, enhancing search and discovery of relevant knowledge



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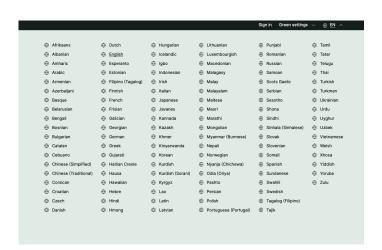




# What we will do to improve access and connectivity

- Green design
- Accessibility
- Including over 100 languages
- Making more of the site accessible offline







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## **Newsletter**

#### Integrating ecosystem-based adaptation and integrated water resources management for climate-resilient water

Added to the Ecosystem-based Adaptation Theme by Either Doerendahl and



water resources management can be merged to achieve o Imate resilience in watersheds.

Read the complete Article on weADAPT

#### Climate Risk in Africa: Adaptation and Resilience Alice McClure. Rosalind Comforth, Anna Taylor and Sonia Aveb-Karlsson



This book highlights the complexities around making adap decisions and building resilience in the face of climate risk, insights from sub-Saharan Africa.

Read the complete Article on weADAPT

#### A review of mental health and wellbeing under clin change in small island developing states (SIDS)

Added to the Small Islands and Climate Change Theme by Ilan Kelman and

climate change in small island developing states (SIDS). Read the complete Article on weADAPT

#### Online course: Gender, environment and sustainab

Added to the Climate Adaptation Training Theme by Rajesh Daniel, Bernadi Resurrección, Ha Niguyen and Angela Lentisco Gender is considered a key variable of power inequality. T



Cansor is conference a wy
course helps you better understand gender in environme sustainable development. Read the complete Article on weADAPT

#### Co-designing climate services to support adaptationatural hazards: two case studies from Sweden

Added to the Using Climate Information Theme by Karin André, Linn Jámbe



and decision-making.

Read the complete Article on weADAPT

#### Building Resilience With Nature: Ecosystem-based Adaptation in National Adaptation Plan Processes

Added to the National Adaptation Planning Theme by Anika Terton from HSD



ecosystems and EbA into NAPs, trends in how EbA was incorporated

Read the complete Article on weADAPT

#### Transformative adaptation of rivers in an urban context: An ecological infrastructure and socio-ecological toolkit

Added to the Urban Adaptation to Climate Change Theme by Mark Graham and Jessy



rivers. This toolkit supports users to design, plan, implement and

Read the complete Article on weADAPT

#### Community-Managed Water Supply System and Rainwater



This case study describes how community members of Barangay San Julian have taken collective action to address water scarcity through the establishment of a community-managed water system and rainwater harvesting facility.

Read the complete Case Study on weADAPT

#### Gobernanza participativa y gestión del riesgo ante incendios forestales en el Perú

Added to the SDC Climate Change & Environment (CC&E) Network by Musua Bricano

Este biog presenta aprendizajes en la gestión de riesgo de los incendios forestales en la región de Apurimac, Perú. Read the complete Article on weADAPT

### Strategic Communications in Peru's National Adaptation

Added to the National Adaptation Planning Theme by Christian Ledwell. Daniel Morchain



This brief highlights a selection of communications activities and good practices that the Penuvian Ministry of Environment has undertaken to support national adaptation planning and action.

Read the complete Case Study on weADAPT

#### Pamoja Voices climate-resilience planning toolkit for rural

Added to the Climate Adaptation Training Theme by David-Paul-Pertaub and Sam Gree



climate-resitient planning for rural communities. Read the complete Article on weADAPT

#### Research for Impact MOOC by the University of Cape

Added to the Climate Adaptation Training Theme by Mark New and Jesse DeMaria-Kinner



Online training for Research and Development Professionals about the Research for Impact approach - principles and practices that will make your research more impactful.

This toolkit, developed by IIED, Bawakimo, Hakikazi Catalyst and the

Pastoralist Women's Council in Northern Tanzania supports inclusive

Read the complete Article on weADAPT

#### SENSES Toolkit for Climate Change Adaptation

Added to the Climate Adaptation Training Theme by Henrik Carlsen from SEI



The SENSES Tookit, developed in the EC SENSES project, offers a range of modules for finance, policy and regional decision makers to learn about and explore climate change scenarios.

Read the complete Article on weADAPT

#### Participate! - an online course on how to better facilitate events on climate change adaptation and disaster risk

Added to the Climate Adaptation Training Theme by Bettina Koelle, Eddle War Jiemba, Sukaina Bharwani and Julia Barrott



SEI and the Red Cross Climate Centre to support the design of more effective science, policy, and practice events.

Read the complete Article on weADAPT

#### Tandem: online guidance for the co-design of climate



The Tandem online guidance supports information providers. intermediaries and users to collectively co-design climate services for policy, research and practice.

Read the complete Article on weADAPT

#### Gender in the Andean Forests Landscape: Reflections from the Andean Forests Program

Added to the SDC Climate Change & Environment (CC&E) Network Network by Natalia



and assessment of local gender roles, functions, and contributions, during the activities of the Andean Forests Programme.

Alliances for Ecosystem-based Climate Adaptation in



Guatemala is creating enabling governance conditions for effective climate adaptation, and supporting alliances to help upscale ecceystem-

Read the complete Article on weADAPT

#### The Geopolitics of Food Security: Barriers to the Sustainable Development Goal of Zero Hunger

Jisvi Zhou, Lisa Delimuth, Kevin Adams, Tina-Simone Neset and Nina von Llexicul



This paper seeks to give geopolitics a more prominent place in the food security debate, outlining its impact across a range of areas that directly

Read the complete Article on weADAPT

#### Cascading Climate Impacts - Policy Simulation

Added to the Adaptation without Borders - Indirect Impacts of Climate Change Theme by Piotr Magnuszewski and Łukasz Jarzabek



The Cascading Climate Impacts Policy Simulation encourages us to go beyond the linear process in which science is passed on to society after its production by offering a more interactive and productive arrangement between science and science users.

Read the complete Article on weADAPT

#### An introduction to sustainable agriculture practice on

Added to the Synergies between Adaptation and Mitigation Theme by Annisa Novara



valiable anable lands are shrinking over time since most of them are already cultivated or converted. This article explores the way to convert suboptimal land into arable land, using an example from Indonesia.

Read the complete Article on weADAPT



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# A compilation of good practices, tools and available data collection initiatives for the use of local, **Indigenous Knowledge**

Carbon Proofing Towards Resilient Mountain Communities - The Ecovillage Scheme

Submitted by Monika Sharma I published 6th Mar 2023 I last updated 18th Apr

#### Introduction

Climate change, forest loss and fragmentation, biodiversity loss, unsustainable agriculture, water pollution, degradation of natural water sources, and solid waste management, water and energy access challenges are key issues of concern in the rural areas of Himachal Pradesh. Eco-village schemes aim to address these issues by implementing environmentally sustainable practices across different sectors at village level.



credit: Monika Sharma, GIZ

indigenous and traditional knowledge and practices for adaptation

Submitted by Sam Woor I published 16th Jan 2018 I last updated 30th Jan 2023

### Introduction

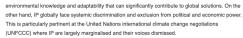
Following the recommendations of the Adaptation Committee (AC) in

Addressing Indigenous Peoples' Marginalisation at International Climate Negotiations: Adaptation and Resilience at the Margins

Submitted by Claudia Comberti I published 18th Nov 2016 I last updated 12th Dec 2016

#### Introduction

Indigenous Peoples (IP) are a critical but currently inadequately considered population in the climate change crisis. On the one hand, IP represent a rich source of local



To tackle climate change fairly and effectively, the marginalisation of Indigenous Peoples needs to be addressed. This policy brief\* proposes actions necessary to right the scales and respect human and Indigenous rights. It is a summary of a more comprehensive working paper. available at http://ssrn.com/abstract=2870412



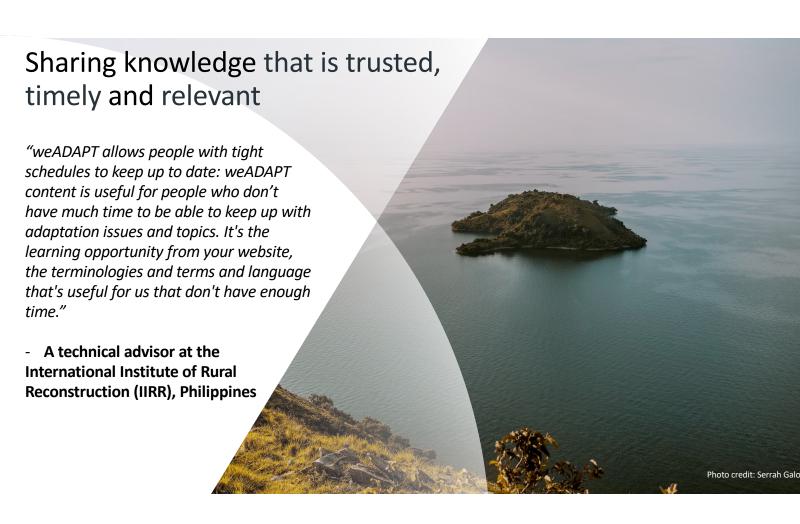




Photo credit: Sheyi Owolabi

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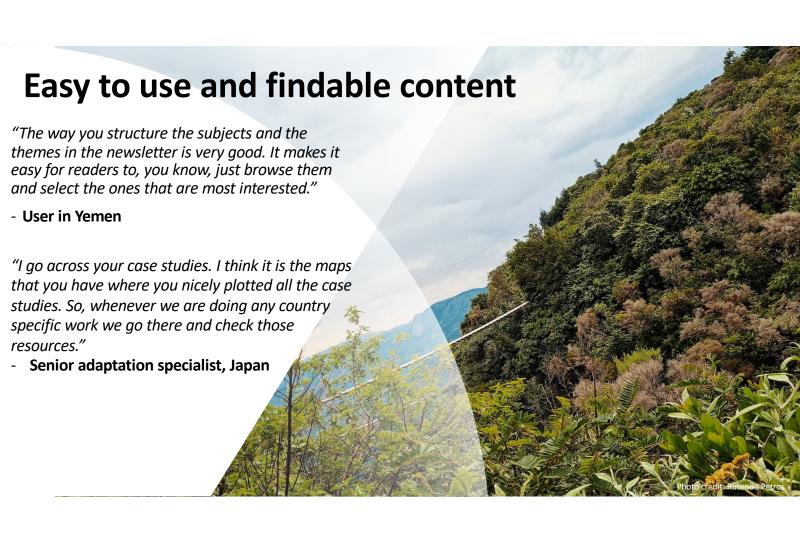
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# A more equitable and user-friendly knowledge landscape for all



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Share your publications and project findings to increase the visibility of your work



#### Connect

Connect with others by finding peers in your area of work or geographic region

