



United Nations
Climate Change

CAPACITY-BUILDING RESOURCES FOR ADAPTATION & RESILIENCE

Informal Coordination
Group for capacity-
building under the
Convention and the
Paris Agreement [ICG]

ABOUT THE ICG

The informal coordination group for capacity-building under the Convention and the Paris Agreement (ICG) provides a space for representatives of constituted bodies, operating entities and relevant processes under the Convention and the Paris Agreement to coordinate climate change related capacity-building plans and activities, and allow for better sharing of information, coherence, and identification of opportunities.

The ICG is facilitated by the Paris Committee on Capacity-building (PCCB) and consists of nominated representatives of the following bodies, entities and processes:

- Action for Climate Empowerment
- Adaptation Committee
- Adaptation Fund Board secretariat
- Climate Technology Centre and Network
- Consultative Group of Experts
- Enhanced Lima Work Programme on Gender
- Executive Committee of the Warsaw International Mechanism for Loss and Damage
- Global Environment Facility secretariat
- Green Climate Fund secretariat
- Katowice Committee of Experts on the Impacts of the Implementation of Response Measures
- Least Developed Countries Expert Group
- Local Communities and Indigenous Peoples Platform Facilitative Working Group
- Nairobi Work Programme on impacts, vulnerability and adaptation to climate change
- Paris Committee on Capacity-building
- Standing Committee on Finance
- Technology Executive Committee.

ABOUT THE BOOKLET

This booklet is part of a series of six showcasing and facilitating access to capacity-building-related products and activities of UNFCCC bodies, entities and processes.

Resources are categorized according to their nature:

1. Tools and methodologies; handbooks, manuals and guides; case studies and technical reports/publications
2. Technical assistance/support
3. E-courses/training
4. Other relevant online resources



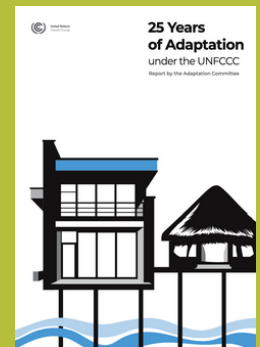
CAPACITY-BUILDING RESOURCES FOR ADAPTATION & RESILIENCE

Tools and methodologies

25 Years of Adaptation Under the UNFCCC (2019)

This publication gives an easy overview of the adaptation landscape under the UNFCCC. It will equip readers to better understand the latest adaptation-related developments under the UNFCCC process, and how they fit into the broader history of how adaptation has been addressed by the international community since the Convention came into force in 1994.

Target audience: Newcomers and insiders to the UNFCCC process interested in adaptation



Various approaches to long-term adaptation planning (2019)

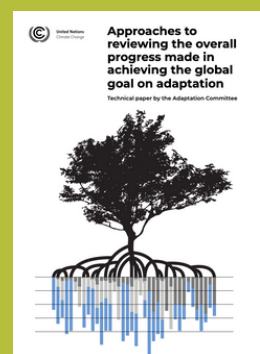
This paper summarizes different approaches to long-term adaptation planning ranging from ecosystem-based adaptation (EBA), community-based adaptation (CBA) approaches, to risk-based approaches that countries can use individually or in combination.

Target audience: UNFCCC Parties engaging in the NAP process

Approaches to reviewing the overall progress made in achieving the global goal on adaptation (2021)

This technical paper sheds light on the variety of approaches that may be used to assess progress in adaptation – drawing from academic and grey literatures, as well as real-world examples from different jurisdictions and governance levels – and their associated advantages, challenges, and limitations.

Target audience: Anyone interested in the topic of the Global Goal on Adaptation and how to assess progress being made.



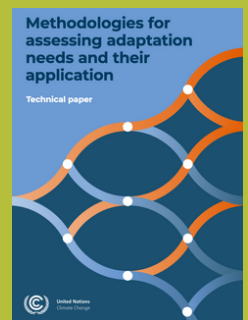
CAPACITY-BUILDING RESOURCES FOR ADAPTATION & RESILIENCE

Tools and methodologies

Methodologies for assessing adaptation needs and their application. Technical paper by the Adaptation Committee (2022).

In this technical paper the Adaptation Committee provides information on methodologies for assessing adaptation needs and their application. The paper contains key concepts and definitions, provides an overview of existing methodologies and related experience, analyses lessons learned, emerging good practices and gaps, and concludes with recommendations.

Target audience: Stakeholders at all levels involved in adaptation needs assessment



Supplementary guidance for voluntary use by Parties in communicating information in accordance with the possible elements of an adaptation communication (2022).



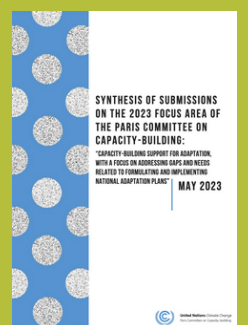
This supplementary guidance provides an overview of the guidelines for adaptation communications (adcoms) and related arrangements, and suggestions for applying the guidelines and benefiting from the links between adcoms and other adaptation-related reporting arrangements under the Convention and the Paris Agreement.

Target audience: Parties preparing Adaptation Communications

Synthesis of Submissions on capacity-building support for adaptation, with a focus on addressing NAP-related gaps and needs. (2023).

The objective of this document is to synthesize submissions on the annual focus area of the PCCB for 2023 to provide a knowledge base for further work on capacity-building support for adaptation. It includes 31 submissions from Party and non-Party stakeholders.

Target audience: Parties preparing Adaptation Communications



CAPACITY-BUILDING RESOURCES FOR ADAPTATION & RESILIENCE

Tools and Methodologies

Toolkit for a gender-responsive process to formulate and implement National Adaptation Plans (NAPs) - Supplement to the UNFCCC technical guidelines for the NAP process (2019)

This toolkit supports country efforts to pursue a gender-responsive NAP process. It will be useful for government actors coordinating the NAP process, and stakeholders and development partners supporting adaptation planning and implementation.

Target audience: National adaptation planners and other stakeholders and development partners supporting adaptation planning and implementation



Dimensions and examples of the gender-differentiated impacts of climate change, the role of women as agents of change and opportunities for women. Synthesis report by the secretariat (2022)

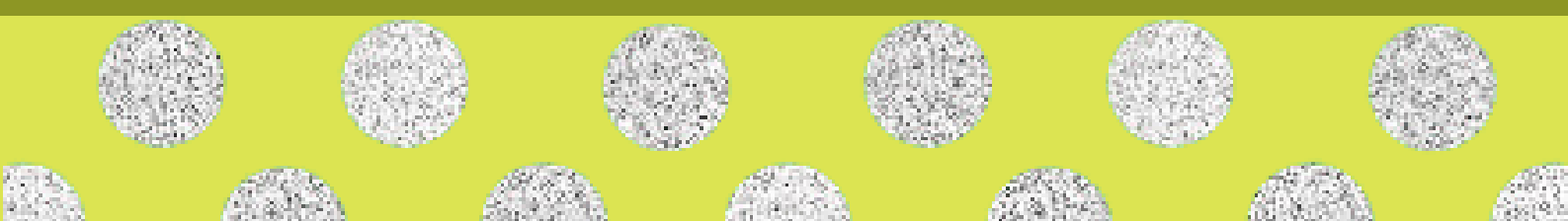
This report relates to capacity-building as it strengthens the evidence base and understanding in relation to: (a) Gender-differentiated impacts of climate change; (b) The role of women as agents of change; (c) Opportunities for women in the context of climate change.

Target audience: UNFCCC Party and non-Party stakeholders; UNFCCC Chairs of Constituted Bodies

Differentiated impacts of climate change on women and men; the integration of gender considerations in climate policies, plans and actions; and progress in enhancing gender balance in national climate delegations (2019)

This report synthesizes information provided in submissions on three topics: the differentiated impacts of climate change on women and men, with special attention paid to local communities and indigenous peoples; the integration of gender considerations into climate policies, plans and actions; and policies and plans for and progress in enhancing gender balance in national delegations to the UNFCCC.

Target audience: UNFCCC Party and non-Party stakeholders



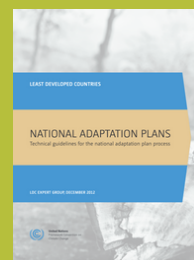
CAPACITY-BUILDING RESOURCES FOR ADAPTATION & RESILIENCE

Tools and Methodologies

Technical guidelines for the formulation and implementation of NAPs (2012)

The technical guidelines for the formulation and implementation of NAPs are designed to support countries in the process to formulate and implement NAPs, and are based on the guiding principles of the NAP process.

Target audience: Parties; Operating entities of the Financial Mechanism and their respective agencies; UN, bilateral and multilateral agencies; other providers of support; all actors and stakeholders involved in climate change adaptation



Efforts of the Least Developed Countries in implementing adaptation projects under the national adaptation programmes of action, national adaptation plans and related programmes through the financial mechanism of the Convention and the Paris Agreement (2023)

This new Least Developed Countries Expert Group (LEG) publication on *Efforts of the Least Developed Countries in Implementing Adaptation Projects through the Financial Mechanism of the Convention and the Paris Agreement* provides evidence of the efforts of the least developed countries in implementing adaptation projects over the past 20 years.

Target audience: LDCs and other developing countries implementing NAPs



Annual progress in the process to formulate and implement national adaptation plans (2022)

This document provides information on the progress of Parties in the process to formulate and implement national adaptation plans, including on support provided and received, as compiled by the Least Developed Countries Expert Group.

Target audience: UNFCCC Party and non-Party stakeholders

CAPACITY-BUILDING RESOURCES FOR ADAPTATION & RESILIENCE

Tools and methodologies

[Policy brief on technologies for averting, minimizing and addressing loss and damage in coastal zones \(2019\)](#)

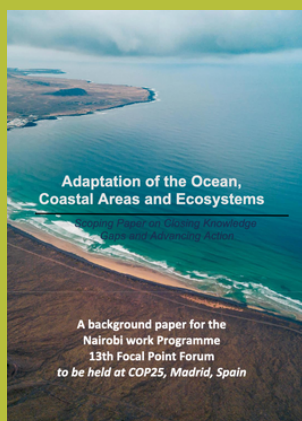
The policy brief provides information on an array of technologies – hardware, software, and orgware – currently available to assess and reduce risks, recover and rehabilitate from the impacts of climate change in coastal zones. It also highlights challenges and opportunities of these technologies where improvements can be made to help countries prepare better to deal with adverse impacts of climate change in coastal zones.

Target audience: Practitioners, policy-makers, academics, knowledge brokers, etc. at all levels



Nairobi Work Programme (NWP) thematic mandate documents on oceans, coastal areas and ecosystems

The following resources intend to bring ocean-driven adaptation action to the surface and bridge knowledge gaps that will build countries' capacities to strengthening their work on ocean and climate adaptation.



[Innovative Approaches for Strengthening Coastal and Ocean Adaptation: Integrating Technology and Nature-based Solutions \(2022\)](#)

[Coastal Adaptation and Nature-based Solutions for the implementation of NAPS: Consideration for GCF proposal development \(2021\)](#)

[Enhancing Resilience of Oceans, Coastal Areas and Ecosystems through Collaborative Partnerships \(2021\)](#)

[Ocean Scoping Paper \(2019\)](#)

[Ocean Policy Brief \(2019\)](#)

Target audience: Parties, Constituted Bodies, NWP stakeholders, including non-Parties, local and sub-national governments, academia, experts, NGOs, regional and international organizations, NWP Partners

CAPACITY-BUILDING RESOURCES FOR ADAPTATION & RESILIENCE

Tools and methodologies

NWP thematic mandate documents on agriculture and food security

The following resources from the NWP expert group on agriculture and food security showcase actions to close critical knowledge gaps hindering the scaling-up of adaptation action and identifying best practices in taking such action.

[15th Focal Point Forum at COP 27](#)

[Agriculture and Food Security Expert Group](#)

[NWP Agriculture and Food Security Webpage](#)

Target audience: Parties, NWP partners, the NWP expert group on agriculture and food security and UNFCCC constituted bodies.

AGRICULTURE AND FOOD SECURITY

Role of agriculture and food security in building climate resilience

Agriculture and food systems that ensure availability, accessibility, stability and utilization of adequate and nutritious crops and livestock are central in achieving the SDGs, and also support the ability of countries to collectively achieve the objectives of the Paris Agreement. Effective adaptation practices for agriculture and food systems also help safeguard livelihoods, communities, and ecosystems from adverse impacts of climate change. Agriculture and the systems that affect food security provide a domain of adaptation action for governments, communities and stakeholders living with increasing risks in the coming decades. Many countries have included aspects of adaptation and food security in their Nationally Determined Contributions (NDCs) and National Adaptation Plans (NAPs). The Intergovernmental Panel on Climate Change (IPCC) Special Report on Climate Change and Land synthesized a significant body of literature on the topic, including adaptation co-benefits and risks.

Closing knowledge gaps through partnership with the NWP expert group on agriculture and food security

Knowledge gaps in agriculture and food security still exist, and these can pose barriers to countries and specific target audiences in adapting to the impacts of climate change on agriculture and the systems that affect food security. Parties have identified agriculture and food security as crucial areas under the NWP (see SBSTA.48 and SBSTA.50) where knowledge gaps need to be closed to enhance adaptation action. Addressing the knowledge and evidence needs of countries through tailored information for knowledge users is crucial to implementing adaptation action – a key element of the Paris Agreement.

The Nairobi Work Programme (NWP) expert group on agriculture and food security aims to strengthen climate action toward adaptation and resilience for agriculture and food security under the UNFCCC process. The expert group can help address key gaps and challenges through collaboration among expert group members, with the UNFCCC constituted bodies, other thematic expert groups of the NWP/WFP partners as well as relevant communities of practice.

The knowledge-to action methodology

The NWP the UNFCCC knowledge-to-action hub for climate adaptation and resilience, uses a knowledge-to-action methodology that guides knowledge co-development through partnerships. This collaborative approach responds to the adaptation needs of Parties, with an emphasis on developing countries, and supports the formulation of national adaptation plans and relevant mandates of UNFCCC constituted bodies. At COP26 in Glasgow, Parties requested that NWP knowledge products are tailored to the needs of knowledge users and accessible in order to maximize the uptake of adaptation knowledge and increase the usefulness of the products to knowledge users.

NWP thematic mandate documents on biodiversity: forests and grasslands

The following resources articulate the role of biodiversity and ecosystems in adaptation strategies, discuss approaches needed to address gaps and challenges, and identify a specific set of actions that the expert group can co-design and deliver to address the knowledge gaps.



[Scoping paper: Knowledge gaps in integrating forest and grassland biodiversity and ecosystems into adaptation strategies \(2021\)](#)

[Briefing paper on Biodiversity and climate change adaptation: the role of forest and grassland ecosystems \(2022\)](#)

[Technical Brief on Promoting Synergies Between Climate Change Adaptation and Biodiversity \(2022\)](#)

Target audience: Parties, Constituted Bodies under the UNFCCC, NWP stakeholders, including non-Parties, local/sub-national governments, academia, experts, NGOs, regional/international organizations, NWP Partners

CAPACITY-BUILDING RESOURCES FOR ADAPTATION & RESILIENCE

Tools and methodologies

Best practices and Lessons learned in addressing adaptation in the least developed countries (2015)



This publication presents best practices and lessons learned from the process to formulate and implement NAPs, focusing on eight areas which are essential in the process. One of these areas includes “Addressing capacity gaps and needs in the national adaptation plan process”.

Target audience: Parties; Operating entities of the Financial Mechanism and their respective agencies; UN, bilateral and multilateral agencies; other providers of support; all actors and stakeholders involved in climate change adaptation

Best practices and available tools for the use of indigenous and traditional knowledge and practices for adaptation, and the application of gender-sensitive approaches and tools for understanding and assessing impacts, vulnerability and adaptation to climate change (2013)

This technical paper provides a literature review and analysis of best practices and available tools for the use of indigenous and traditional knowledge and practices for adaptation and the application of gender-sensitive approaches and tools for understanding and assessing impacts, vulnerability and adaptation to climate change.

Target audience: UNFCCC Party and non-Party stakeholders; UNFCCC Chairs of Constituted Bodies

Toolkit for engaging the private sector in national adaptation planning (NAP) (2020)

This toolkit aims to help governments develop strategies for the effective engagement of private sector actors in the NAP process. By engaging the private sector in adaptation planning, implementation, monitoring, and evaluation, governments can strengthen their response to the impacts of climate change and further build the resilience of their population.

Target audience: Private sector entities and adaptation planners and implementers at all levels



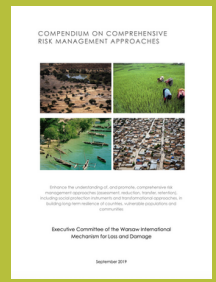
CAPACITY-BUILDING RESOURCES FOR ADAPTATION & RESILIENCE

Tools and methodologies

Compendium on comprehensive risk management (CRM) approaches (2019)

This compendium contains a collection of good practices and lessons learned in relation to comprehensive risk management approaches at different levels. Drawing on good practices and lessons learned, it aims to serve as a guide to policies, standards, instruments such as insurance and social protection, and transformational approaches to facilitate comprehensive risk management.

Target audience: Practitioners, policy-makers, academics, knowledge brokers, etc. at all levels



Technical paper on elaboration of the sources of and modalities for accessing financial support for addressing loss and damage (2019)

This technical paper reviews existing sources of financial support, including the Financial Mechanism and a broader set of funds and institutions which channel financial support relevant for addressing loss and damage associated with climate change impacts.

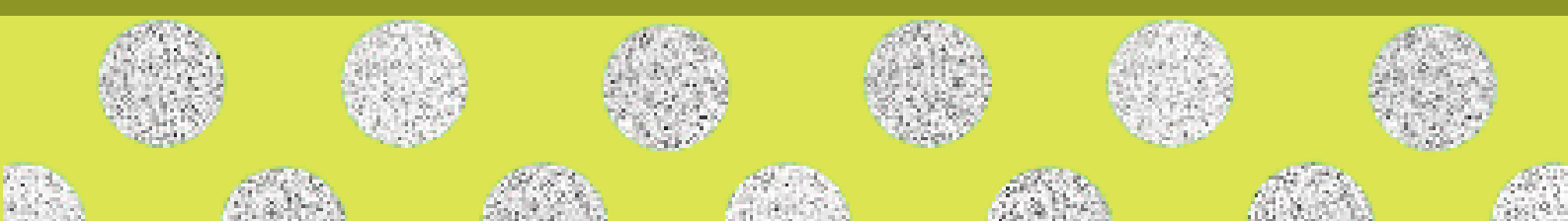
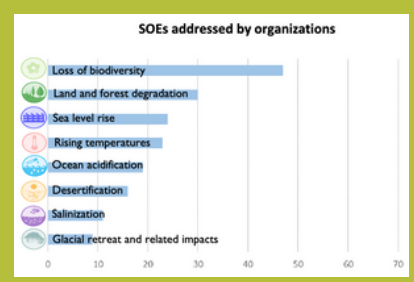
Target audience: Practitioners, policy-makers, academics, knowledge brokers, etc. at all levels



Scoping paper on slow onset events (SOEs) as reported by partners in the SOEs database, as of Feb 2018

The Slow onset events (SOE) scoping paper provides a review of the scope of work undertaken on SOEs as reported by partners in the SOEs database to date. The information is presented by region and contains references to capacity-building initiatives.

Target audience: Practitioners, policy-makers, academics, knowledge brokers, etc. at all levels



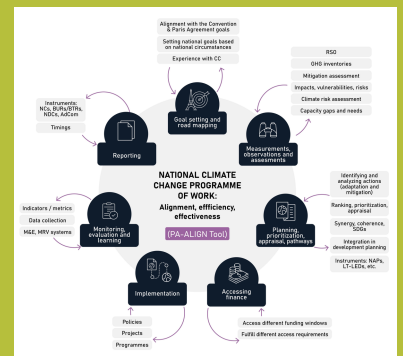
CAPACITY-BUILDING RESOURCES FOR ADAPTATION & RESILIENCE

Tools and methodologies

PA-ALIGN tool (2021)

The overall objective of the tool is to guide the least developed countries (LDCs) to effectively and efficiently navigate and address the many elements of the Paris Agreement.

Targeted audience: UNFCCC national focal points; Regional and international organizations supporting LDCs; Active players at national level in developing and implementing climate change policies and plans (including local communities, civil society, private sector and academia).



Disaster risk reduction capacity assessment tool

Capacity building activities on Migration, Environment and Climate Change



These tools aim to enhance Parties' capacity for data collection, risk assessment and analysis in relation to displacement through technical support and sharing tools and practices. The capacity-building activities address capacity needs of countries and provide them the opportunity to consider migration, environment and climate change in their long-term planning.

Target audience: Broad (e.g. practitioners, policy-makers, academics, knowledge brokers, etc.) at all levels

CAPACITY-BUILDING RESOURCES FOR ADAPTATION & RESILIENCE

Technical support

Lima Adaptation Knowledge Initiative (LAKI)

LAKI aims to enhance adaptation action in subregions by closing priority knowledge gaps in all countries, in particular developing countries, including the LDCs, Small Island Developing States (SIDS) and African States. Priority-setting workshops are convened with multi-stakeholder expert groups to identify, categorize, and prioritize climate change adaptation knowledge gaps for specific subregions and sectors/themes.



Navigating the landscape of support for the process to formulate and implement national adaptation plans (2022)

This publication provides an overview of the landscape of support available for adaptation and of the targeted programmes and initiatives that have been set up to facilitate the formulation and implementation of NAPs.

Target audience: Stakeholders involved in national adaptation planning and implementation



Report on NAP writing support (2022)

Through the NAP Implementation Pipeline Development initiative, the Least Developed Countries Expert Group (LEG) is supporting all the LDCs to move towards successful adaptation by helping each to initiate and submit project proposals to the GCF and other sources of funding for implementing adaptation priorities associated with their NAPs.

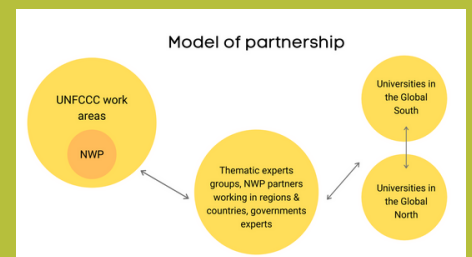


CAPACITY-BUILDING RESOURCES FOR ADAPTATION & RESILIENCE

Technical support

UN Climate Change and Universities Partnership Programme

This programme is an opportunity for graduate students to work closely with local, national, and regional partners to undertake a research project as a part of producing their master's thesis. It is designed to strengthen collaboration between the UNFCCC, UN and academic/research institutions, especially in the global South with the aim of addressing knowledge gaps that remain a critical barrier to countries implementing adaptation measures.



Santiago network for averting, minimizing and addressing loss and damage under the Warsaw International Mechanism (2023)



The Santiago network for averting, minimizing and addressing loss and damage associated with the adverse effects of climate change was established to catalyse the technical assistance of relevant organizations, bodies, networks and experts for the implementation of relevant approaches at the local, national and regional level in developing countries that are particularly vulnerable to the adverse effects of climate change.

NWP Action Pledge on Water (2023)

Building on the global momentum of COP 27, at which the critical role of water in climate change efforts was highlighted, an action pledge was made under the NWP to enhance knowledge and catalyse innovation with a view to scaling up adaptation actions addressing the water-climate nexus with relevant stakeholders.

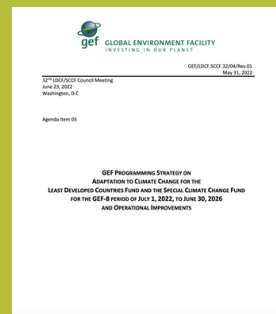


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Technical support

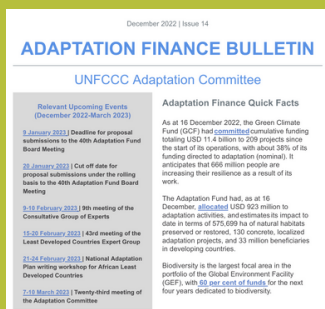
GEF Programming Strategy on Adaptation to Climate Change for the Least Developed Countries Fund (LDCF) and the Special Climate Change Fund (SCCF) for the GEF-8 period of July 1, 2022 to June 30, 2026

This document presents the programming directions and strategy on adaptation to climate change that forms the basis for supporting activities under the Least Developed Countries Fund (LDCF) and the Special Climate Change Fund (SCCF) for the GEF-8 period of July 1, 2022 to June 30, 2026. Options for operational improvements to implement the strategy are also presented in this document.



NAP Expo (2023)

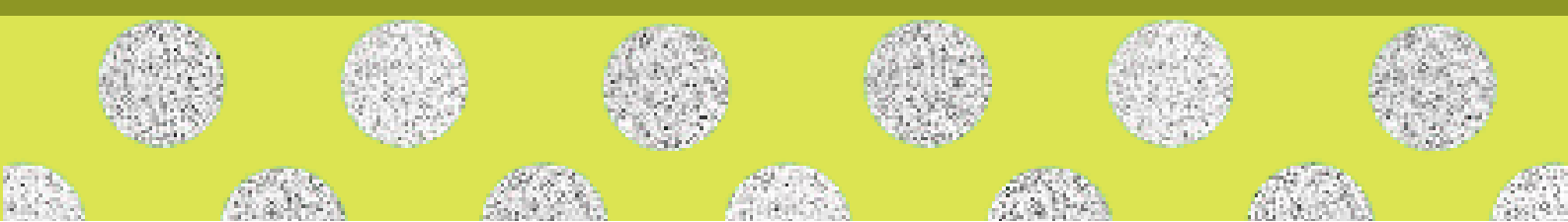
The NAP Expo is an annual outreach event organized by the LEG in collaboration with various bodies and organizations to promote exchange of experiences and foster partnerships between a wide range of actors and stakeholders on how to advance NAPs. The aim is to create an interactive global forum for countries to share experience, best practices and lessons learned; for different organizations and bodies to conduct specialized meetings and workshops; and for Parties and non-Party stakeholders to interact in advancing the formulation and implementation of NAPs.



Adaptation Finance Bulletin

This bulletin allows developing country Parties and other stakeholders to keep up with the latest developments on adaptation finance, in particular as it relates to policies and access procedures.

Target audience: Adaptation planners and implementer mainly at the national level



CAPACITY-BUILDING RESOURCES FOR ADAPTATION & RESILIENCE

Technical support

Annual progress report of the NWP (2023)

This report prepared by the Nairobi Work Programme (NWP) secretariat provides an overview of activities under the NWP on impacts, vulnerability and adaptation to climate change, the UNFCCC knowledge-to-action hub on adaptation and resilience, since May 2022.

Target audience: SBSTA mandate: Parties, Constituted Bodies, NWP Partners, experts



Other relevant online resources



Gender and Climate Change Adaptation

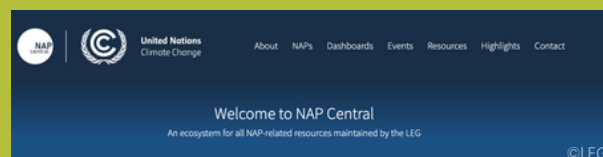
This webpage curates relevant resources on gender and climate change adaptation.

Target audience: UNFCCC Party and non-Party stakeholders

NAP Central

NAP Central is the repository of information about NAPs including the NAP submissions from developing countries.

Target audience: UNFCCC focal points, NAP practitioners and adaptation stakeholders



NWP Adaptation Knowledge Portal (AKP)



The Adaptation Knowledge Portal is an online resource of the NWP. The Adaptation Knowledge Portal provides free and open access to adaptation knowledge resources. The portal provides information on the NWP's network of over 450 leading and diverse partner organizations, as well as engagement opportunities.

Target audience: policy makers, practitioners and researchers

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Other relevant online resources

Fiji Clearing House for Risk Transfer

This online repository of information on insurance and risk transfer facilitates comprehensive risk management strategies. It includes a database of case studies on capacity-building in relation to risk transfer.

Target audience: Practitioners, policy-makers, academics, knowledge brokers, etc. at all levels

VULNERABILITY OF MICROFINANCE INSTITUTIONS TO CLIMATE RISK IN THE SATKHIRA DISTRICT, SOUTHWEST BANGLADESH

This article examines the exposure of microfinance institutions to climate risks, here the risk of flooding in the Satkhira District in Southwest Bangladesh. The authors develop a framework for risk assessment and reduction in order to adapt to growing climate change risks. It is revealed that microfinance institutions should focus on client risk reduction in order to ensure profitability.

Sub-national and households | Rain-related | Heavy rain/Flood | Property/Infrastructure | Agricultural production/Livestock
 Livelihoods | Asia | Individuals/Households | Agriculture/Livestock | Insurance
 Scientific communities, academia, centres of excellence

Gaps and needs related to the NAPs

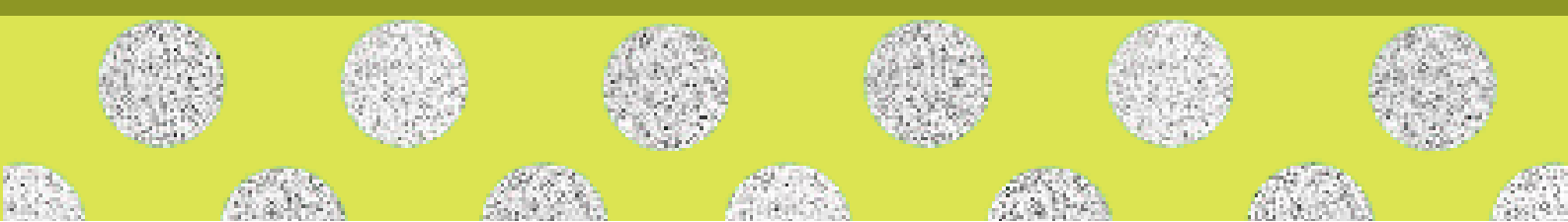
This database presents the gaps and needs related to the process to formulate and implement national adaptation plans and ongoing activities of the LEG, the Adaptation Committee (AC) and relevant organizations related to addressing those gaps and needs.

LDC Expert Group (LEG)		20 March 2020	
Gaps and needs related to the process to formulate and implement national adaptation plans, and ongoing activities of the Least Developed Countries Expert Group, the Adaptation Committee and relevant organizations related to addressing those gaps and needs ^a			
Item	Addressed?	LDCs	All developing countries
Planning, financial and other support	All address	All Some All Some	All
Technical support	Adaptation and resilience action to support	X	X
Capacity to write proposals for financing	Capacity to write proposals for financing	X	X

Name	Country	Region
Dr. Shikha Khatun	Bangladesh	Asia
Prof. Muzan N. Khan	Bangladesh	Asia
Mr. Naveed Siddiqui	Bangladesh	Asia
Mr. Naveed Siddiqui	Bangladesh	Asia
Mr. Naveed Siddiqui	Bangladesh	Asia
Mr. Naveed Siddiqui	Bangladesh	Asia
Mr. Naveed Siddiqui	Bangladesh	Asia
Mr. Naveed Siddiqui	Bangladesh	Asia

LEG Roster of Experts

In responding to the gaps and needs communicated by the least developed countries (LDCs) and as part of its technical guidance and support, the Least Developed Countries Expert Group (LEG) decided to create and maintain a roster of national and regional experts from the LDCs to support the formulation and iterative review of national adaptation plans (NAPs) and the implementation of policies, projects and programmes identified in NAPs.



CONSULT OUR OTHER BOOKLETS WITH CAPACITY-BUILDING RESOURCES FOR:

- Accessing, Mobilizing and Scaling up Climate Finance
- Climate Technology Development, Deployment and Transfer
- Capacity-building Resources for Climate Action Effective Capacity-building and Mainstreaming Human Rights, Gender, Indigenous Peoples' Knowledge, Education and Youth
- Mitigation
- Transparency





CAPACITY-BUILDING RESOURCES FOR ADAPTATION & RESILIENCE

CONTACT DETAILS



unfccc.int/PCCB-ICG



The ICG is facilitated by the Paris Committee on Capacity-building (PCCB). To contact the ICG, please write at pccb@unfccc.int



[UN Climate Change Capacity-building LinkedIn group](#)



For access to a wide range of additional climate-related capacity-building resources, please also visit the [UNFCCC capacity-building portal](#)