



Climate Adaptation: Suggested Reading

December 2020 & January 2021

This reading list is divided into four themes:

1. Ecosystem-based Adaptation
2. National Adaptation Plans
3. Early Warning Climate Forecasting
4. Other Adaptation Themes

Disclaimer: The views expressed in these publications do not necessarily reflect the opinions or views of the Global Adaptation Network.

1. Ecosystem-based Adaptation

News & Media:

Title	Published by	Link
Step up climate change adaptation or face serious human and economic damage – UNEP report	UNEP	https://www.unep.org/news-and-stories/press-release/step-climate-change-adaptation-or-face-serious-human-and-economic
UNEP at Gobeshona: Using ecosystems to build climate resilience in cities	GAN	https://www.unep.org/gan/news/blogpost/unep-gobeshona-using-ecosystems-build-climate-resilience-cities
Implementation in nature-based solutions	UNEP	https://www.unenvironment.org/news-and-stories/story/implementation-nature-based-solutions?_ga=2.70578832.1276776322.1611582106-2262724.1593442455
In Latin America, farmers use microfinance and ecosystems to fight climate change	UNEP	http://www.unenvironment.org/news-and-stories/story/latin-america-farmers-use-microfinance-fight-climate-change?_ga=2.74748178.1276776322.1611582106-2262724.1593442455
Can forest restoration reduce the threat of megafires?	UNEP	https://www.unep.org/news-and-stories/story/can-forest-restoration-reduce-threat-megafires
Good news for Africa’s Great Green Wall	UNEP	https://www.unep.org/news-and-stories/story/good-news-africas-great-green-wall

Scientific & Technical Publications:

Title	Published by	Link
Webinar: Enhancing Ecosystem-based Adaptation in National Adaptation Plans	<i>GAN & IISD</i>	https://www.youtube.com/watch?v=4AuiPz6xDNA&feature=youtu.be
Factsheet: Ecosystem-based Adaptation in Djibouti 2014-2021	<i>UNEP</i>	https://wedocs.unep.org/bitstream/handle/20.500.11822/34878/EbA_Djibouti2.pdf?sequence=1&isAllowed=y
Factsheet: Ecosystem-based Adaptation in Nepal 2019-2022	<i>UNEP</i>	https://wedocs.unep.org/bitstream/handle/20.500.11822/34879/EbA_Nepal.pdf?sequence=1&isAllowed=y
Blue Nature-based Solutions in Nationally Determined Contributions: A Booklet for Successful Implementation	<i>Blue Solutions</i>	https://panorama.solutions/en/news/blue-nature-based-solutions-nationally-determined-contributions-booklet-successful
Ecosystem-based disaster risk reduction: Implementing nature-based solutions for resilience	<i>UNDRR</i>	https://reliefweb.int/report/world/ecosystem-based-disaster-risk-reduction-implementing-nature-based-solutions-resilience

2. National Adaptation Plans

News & Media:

Title	Published by	Link
US\$6 million project to help build greater resilience to floods, drought	<i>The New Times</i>	https://www.newtimes.co.rw/business/us6-million-project-help-build-greater-resilience-floods-drought
Planning for Adaptation	<i>UNEP</i>	https://www.unenvironment.org/news-and-stories/story/planning-adaptation?_ga=2.106869123.1276776322.1611582106-2262724.1593442455
Raising adaptation action through aligning NAPs and NDCs in African LDCs	<i>UNDP</i>	https://www.adaptation-undp.org/raising-adaptation-action-through-aligning-NAPs-NDCs-in-African



Africa: Integrating Agriculture in National Adaptation Plans: What have we achieved and learned during program implementation	FAO	http://www.fao.org/in-action/naps/news-events/detail/en/c/1334700/
More Countries Formulating National Adaptation Plans, Support to LDCs Strengthened	UNFCCC	https://unfccc.int/news/more-countries-formulating-national-adaptation-plans-support-to-lDCs-strengthened

Scientific & Technical Publications:

Title	Published by	Link
Webinar: Enhancing Ecosystem-based Adaptation in National Adaptation Plans	GAN & IISD	https://www.youtube.com/watch?v=4AuiPz6xDNA&feature=youtu.be
Climate Change Policies in 16 West African Countries: A Systematic Review of Adaptation with a Focus on Agriculture, Food Security, and Nutrition	<i>International Journal of Environmental Research and Public Health</i>	https://www.google.com/url?sa=t&rc=t=j&q=&esrc=s&source=web&cd=&ved=2ahUKFwjCnZGeo7FuAhUN:oUKHeoEAcEQFjAJegOICBAC&url=https%3A%2F%2Fwww.mdpi.com%2F1660-4601%2F17%2F23%2F8897%2Fpdf&usq=AOvVawITb5P-TI_IYG97RBzw6dP
Saint Lucia’s Resilient Ecosystems Adaptation Strategy and Action Plan (REASAP) 2020–2028	NAP Global Network	https://napglobalnetwork.org/wp-content/uploads/2020/12/napgn-en-2020-saint-lucias-reasap-2020-2028.pdf
Policy gaps and needs analysis for the implementation of NDCs on adaptation and loss and damage in Bangladesh, Nepal, and Sri Lanka	APN	https://www.apn-gcr.org/bulletin/article/policy-gaps-and-needs-analysis-for-the-implementation-of-ndcs-on-adaptation-and-loss-and-damage-in-bangladesh-nepal-and-sri-lanka/

3. Early Warning Climate Forecasting

News & Media:

Title	Published by	Link
Automatic Weather Stations handed over to Maldives Meteorological Services, ensuring better water security for communities	UNDP	https://www.adaptation-undp.org/automatic-weather-stations-handed-over-maldives-meteorological-services-ensuring-better-water
Report by ICIMOD and UNDP identifies potentially dangerous glacial lakes in river basins of Nepal, the Tibet Autonomous Region of China, and India	UNDP	https://www.adaptation-undp.org/node/6488
Early warning system helps farmers survive floods and droughts in Puntland	UNDP	https://www.adaptation-undp.org/early-warning-system-helps-farmers-survive-floods-and-droughts-puntland
WMO and European Commission forge closer ties	Mirage	https://www.miragenews.com/wmo-and-european-commission-forge-closer-ties/

Scientific & Technical Publications:

Title	Published by	Link
Promoting Index-Based Weather Insurance for Small Holder Farmers in Burkina Faso	UNDP	https://www.adaptation-undp.org/projects/promoting-index-based-weather-insurance-small-holder-farmers-burkina-faso
Series of Scientific Lectures: Methods and State-of-the-art technologies on the hydrometeorological extremes observations and forecasting	University of Thessaly	https://www.uth.gr/sites/default/files/news/2020/Announcement_MariosAnagnostou_25Nov2020_EN_647243103.pdf
A new early warning indicator of abrupt climate change based on the changing normalized dynamic range	International Journal of Climatology	https://rmets.onlinelibrary.wiley.com/doi/abs/10.1002/joc.7000
Forecasting drought using neural network approaches with transformed time series data (paywall)	Journal of Applied Statistics	https://www.tandfonline.com/doi/abs/10.1080/02664763.2020.1867829

4. Other Adaptation Themes

News & Media:

Title	Published by	Link
Adaptation Gap Report 2020: Step up climate change adaptation or face serious human and economic damage	UNEP	https://www.unenvironment.org/news-and-stories/press-release/step-climate-change-adaptation-or-face-serious-human-and-economic?_ga=2.70578832.1276776322.1611582106-2262724.1593442455
Finance for adaptation	UNEP	https://www.unenvironment.org/news-and-stories/story/finance-adaptation?_ga=2.70578832.1276776322.1611582106-2262724.1593442455
State of the Planet Podcast: The Adaptation Gap Report Episodes 1 & 2	UNEP	https://www.unenvironment.org/news-and-stories/story/state-planet-podcast?_ga=2.78485908.1276776322.1611582106-2262724.1593442455

Scientific & Technical Publications:

Title	Published by	Link
Adaptation Gap Report 2020	UNEP	https://www.unep.org/resources/adaptation-gap-report-2020
Insuring the climate transition: Enhancing the insurance industry's assessment of climate change futures	UNEP-FI	https://www.unepfi.org/psi/wp-content/uploads/2021/01/PSI-TCFD-final-report.pdf
Science for Adaptation Policy Brief: Adaptation Decision-Support Tools and Platforms	UNEP	https://wedocs.unep.org/xmlui/bitstream/handle/20.500.11822/34435/WASP1.pdf?sequence=1&isAllowed=y
Science for Adaptation Policy Brief: Transboundary Climate Risk and Adaptation	UNEP	https://wedocs.unep.org/xmlui/bitstream/handle/20.500.11822/34436/WASP2.pdf?sequence=1&isAllowed=y
Science for Adaptation Policy Brief: High-end Climate Change and Adaptation	UNEP	https://wedocs.unep.org/xmlui/bitstream/handle/20.500.11822/34437/WASP3.pdf?sequence=1&isAllowed=y