



Climate Adaptation: Suggested Reading

March 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
New fund leverages nature to adapt to climate change	UNEP	https://www.unep.org/news-and-stories/story/new-fund-leverages-nature-adapt-climate-change
Global Fund for 'Ecosystem-based Adaptation' opens first call	GAN	https://www.unep.org/gan/news/press-release/global-fund-ecosystem-based-adaptation-opens-first-call
How to close adaptation knowledge gaps in Asia Pacific	GAN	https://www.unep.org/gan/news/blogpost/how-close-adaptation-knowledge-gaps-asia-pacific
'Our biggest challenge? Lack of imagination': the scientists turning the desert green	The Guardian	https://www.theguardian.com/environment/2021/mar/20/our-biggest-challenge-lack-of-imagination-the-scientists-turning-the-desert-green
Nature-based Solutions for Adaptation Are Underfunded — But Offer Big Benefits	WRI	https://www.wri.org/blog/2021/03/nature-based-solutions-adaptation-are-underfunded-offer-big-benefits
Podcast: Climate crisis: Is India's Himalayan disaster a sign of things to come?	Sky News	https://news.sky.com/story/climate-crisis-is-indias-himalayan-disaster-a-sign-of-things-to-come-12219299

Scientific & Technical Publications:

Title	Published by	Link
Event Recording: Nature for Adaptation: Mobilizing Climate Finance to Support Nature-Based Solutions	<i>WRI</i>	Nature for Adaptation: Mobilizing Climate Finance to Support Nature-Based Solutions
Integrating EbA and IWRM for climate-resilient water management	<i>GIZ</i>	https://www.adaptationcommunity.net/publications/integrating-eba-and-iwrm-for-climate-resilient-water-management/
Public International Funding of Nature-based Solutions for Adaptation: A Landscape Assessment	<i>WRI</i>	https://www.wri.org/publication/nature-based-solutions-adaptation-international-funding-assessment
Green Cities: Implementing the Miyawaki Method in Lahore, Pakistan (paywall)	<i>The Palgrave Encyclopedia of Urban and Regional Futures</i>	https://link.springer.com/referenceworkentry/10.1007%2F978-3-030-51812-7_118-1
Enhancing the conservation of flagship migratory mammal species of Central Asia through climate-informed management and decision making	<i>IKI</i>	https://www.international-climate-initiative.com/en/details/project/enhancing-the-conservation-of-flagship-migratory-mammal-species-of-central-asia-through-climateinformed-management-and-decision-making-21_IV_090-3074

2. National Adaptation Plans

News & Media:

Title	Published by	Link
Pakistan to develop National Adaptation Plan for climate change	<i>GAN</i>	https://www.unep.org/gan/news/press-release/pakistan-develop-national-adaptation-plan-climate-change
EU adopts adaptation strategy	<i>EC</i>	https://ec.europa.eu/clima/policies/adaptation/what_en
'Willful ignorance': Flood-hit Australia urged to rethink climate adaptation	<i>Reuters</i>	https://news.trust.org/item/20210325225707-a7f16/?utm_campaign=inDepth&utm_medium=inDepthWebWidget&utm_source=humVerticalPage&utm_content=link1&utm_itemId=20210325225707-a7f16



New EU strategy on adaptation to climate change	<i>EU IMPEL</i>	https://www.impel.eu/new-eu-strategy-on-adaptation-to-climate-change/#:~:text=The%20European%20Commission%20adopted%20its,become%20climate%20resilient%20by%202050.
Zimbabwe: Ministry, Nust Ink Climate Deal	<i>All Africa</i>	https://allafrica.com/stories/202103250460.html
Planning with climate change: Combining climate mitigation and adaptation decisions	<i>Open Access</i>	https://www.openaccessgovernment.org/climate-change-policy-2/106193/

Scientific & Technical Publications:

Title	Published by	Link
The flexibility gamble: challenges for mainstreaming flexible approaches to climate change adaptation	<i>Journal of Environment Policy & Planning</i>	https://www.tandfonline.com/doi/full/10.1080/1523908X.2021.1893160
Climate Adaptation Strategies and Associated Governance Structures in Mountain Areas. The Case of the Alpine Regions	<i>Sustainability</i>	https://search.proquest.com/openview/cdd5db2c89253cf20e13f69ed478d1e/1?pq-origsite=gscholar&cbl=2032327
Tonga Briefing for Journalists and Media Training for Government Personnel on Climate Change Adaptation	<i>NAP Global Network</i>	https://www.napglobalnetwork.org/event/tonga-briefing-for-journalists-and-media-training-for-government-personnel-on-climate-change-adaptation/
Climate Change Policy Coherence across Policies, Plans, and Strategies in Pakistan—Implications for the China–Pakistan Economic Corridor Plan	<i>Environmental Management</i>	https://link.springer.com/article/10.1007/s00267-021-01449-y
Healthy Cities - Resilient Cities. Urban development in the context of climate change	<i>Builder</i>	http://yadda.icm.edu.pl/yadda/element/bwmeta1.element.baztech-f4f92778-e9c7-4e7a-a271-5a83e76ebe06

3. Early Warning Climate Forecasting

News & Media:

Title	Published by	Link
How space technology can help tackle climate change	<i>World Economic Forum</i>	https://www.weforum.org/agenda/2021/03/space-technology-tackle-climate-change/
Green Climate Fund announces US\$9.9 million grant for multi-hazard early warning system in Uzbekistan	<i>UNDP</i>	https://www.uz.undp.org/content/uzbekistan/en/home/presscenter/pressreleases/2021/03/green-climate-fund-announces-us-9-9-million-grant-for-multi-haza.html
New observing system financing initiative wins support	<i>Mirage News</i>	https://www.miragenews.com/news/observing-system-financing-initiative-wins-534708/
Natural disasters: Move from early warnings to early action, says report	<i>National Herald India</i>	https://www.nationalheraldindia.com/environment/natural-disasters-move-from-early-warnings-to-early-action-says-report

Scientific & Technical Publications:

Title	Published by	Link
The Value of Surface-based Meteorological Observation Data	<i>World Bank</i>	https://openknowledge.worldbank.org/handle/10986/35178
Advanced Weather Forecasting as a Climate Crisis Solution	<i>AZO Cleantech</i>	https://www.azocleantech.com/article.aspx?ArticleID=1193
Adaptation communication of indigenous and local knowledge: Can community radios be mobilized in the Hindu Kush Himalaya region?	<i>Springer</i>	https://books.google.fr/books?hl=en&lr=&id=nFukEAAAQBAJ&oi=fnd&pg=PA95&dq=%22early+warning%22++system+climate+change+adapt&ots=tz4xIIXiV_&sig=D_5Pid2I8AFc17QoWeWtFiptxdE
The crisis classification component to strengthen the early warning, risk assessment and decision support in extreme climate events	<i>Springer</i>	https://books.google.fr/books?hl=en&lr=&id=p4kiEAAAQBAJ&oi=fnd&pg=PA38&dq=%22early+warning%22++system+climate+change+&ots=XFMD4Bg8en&sig=COrJvEhxH3Pi9bQM6h1Uhf2PcNw
Drought Risk Assessment for Upland Crops using Satellite-derived Evapotranspiration and Soil Available Water Capacity	<i>Journal of the Korean Society of Hazard Mitigation</i>	http://www.j-kosham.or.kr/journal/view.php?doi=10.9798/KOSHAM.2021.21.1.25

4. Other Adaptation Themes

News & Media:

Title	Published by	Link
Global Adaptation Network: Now & Future	GAN	https://www.unep.org/gan/news/video/global-adaptation-network-now-future
How to close adaptation knowledge gaps in Asia Pacific	GAN	https://www.unep.org/gan/news/blogpost/how-close-adaptation-knowledge-gaps-asia-pacific
What are the critical adaptation knowledge gaps in the Pacific?	GAN	https://www.unep.org/gan/news/blogpost/what-are-critical-adaptation-knowledge-gaps-pacific
Video: Community and Local Resilience at the 7th APAN Forum	APAN	https://www.youtube.com/watch?v=_lerOrgcHje0
Five Conditions for Resilience Highlighted at Asia-Pacific Adaptation Forum	IISD	https://sdg.iisd.org/news/five-conditions-for-resilience-highlighted-at-asia-pacific-adaptation-forum/

Scientific & Technical Publications:

Title	Published by	Link
Urban change as an untapped opportunity for climate adaptation	<i>Nature</i>	https://www.nature.com/articles/42949-021-00024-y
Co-chairs' summary of the Presidencies' consultations on adaptation	UNFCCC	https://unfccc.int/documents/268802
Global patterns of adaptation to climate change by Indigenous Peoples and local communities. A systematic review	<i>Current Opinion in Environmental Sustainability</i>	https://www.sciencedirect.com/science/article/pii/S1877343521000397
Guidelines for developing a systematic literature review for studies related to climate change adaptation (<i>paywall</i>)	<i>Environmental Science & Pollution Research</i>	https://link.springer.com/article/10.1007/s11356-021-13178-0



<p>Wind disasters adaptation in cities in a changing climate: A systematic review</p>	<p><i>Plos One</i></p>	<p>https://journals.plos.org/plosone/article?id=10.1371/journal.pone.0248503</p>
<p>Adaptation interventions and their effect on vulnerability in developing countries: Help, hindrance or irrelevance?</p>	<p><i>World Development</i></p>	<p>https://www.sciencedirect.com/science/article/pii/S0305750X20305118#:~:text=Adaptation%20interventions%20may%20reinforce%2C%20redistribute%20or%20create%20new%20vulnerability.&text=Retrofitting%20adaptation%20into%20existing%20development%20agendas%20risks%20maladaptation.&ext=Unless%20adaptation%20is%20rethought%2C%20r</p>