



## Climate Adaptation: Suggested Reading

April 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
<b>Flood walls and forests help Djibouti adapt to climate change</b>	UNEP	<a href="https://www.unep.org/news-and-stories/story/flood-walls-and-forests-help-djibouti-adapt-climate-change">https://www.unep.org/news-and-stories/story/flood-walls-and-forests-help-djibouti-adapt-climate-change</a>
<b>Laos uses nature as strategy to fight flooding</b>	GAN	<a href="https://www.unep.org/gan/news/press-release/laos-uses-nature-strategy-fight-flooding">https://www.unep.org/gan/news/press-release/laos-uses-nature-strategy-fight-flooding</a>
<b>Zambia turns to nature to tackle climate change</b>	GAN	<a href="https://www.unep.org/gan/news/press-release/zambia-turns-nature-tackle-climate-change">https://www.unep.org/gan/news/press-release/zambia-turns-nature-tackle-climate-change</a>
<b>Looking to help restore the natural world? Here's your guide</b>	UNEP	<a href="https://www.unep.org/news-and-stories/story/looking-help-restore-natural-world-heres-your-guide">https://www.unep.org/news-and-stories/story/looking-help-restore-natural-world-heres-your-guide</a>
<b>Nature-based Solution: What Africa needs to fight climate change</b>	Modern Ghana	<a href="https://www.modernghana.com/news/1074933/nature-based-solution-what-africa-needs-to-fight.html">https://www.modernghana.com/news/1074933/nature-based-solution-what-africa-needs-to-fight.html</a>
<b>Nature-based solutions should play increased role in tackling climate change</b>	EC	<a href="https://www.eea.europa.eu/highlights/nature-based-solutions-should-play">https://www.eea.europa.eu/highlights/nature-based-solutions-should-play</a>



## Scientific & Technical Publications:

Title	Published by	Link
<b>Designing, Implementing &amp; Monitoring Nature-based Solutions for Adaptation</b>	<i>CI</i>	<a href="https://www.conservation.org/docs/default-source/publication-pdfs/nbsadaptation-guidelines2021-3-21.pdf?Status=Master&amp;sfvrsn=24d33e5_2">https://www.conservation.org/docs/default-source/publication-pdfs/nbsadaptation-guidelines2021-3-21.pdf?Status=Master&amp;sfvrsn=24d33e5_2</a>
<b>Ecosystem Restoration Playbook</b>	<i>UNEP</i>	<a href="https://www.worldenvironmentday.global/get-involved/ecosystem-restoration-playbook">https://www.worldenvironmentday.global/get-involved/ecosystem-restoration-playbook</a>
<b>The Blue Guide to Coastal Resilience: Protecting coastal communities through nature-based solutions</b>	<i>NAIAD</i>	<a href="https://s3.us-west-2.amazonaws.com/static.natureprotects.org/BlueGuide_7.0_final_MR.pdf">https://s3.us-west-2.amazonaws.com/static.natureprotects.org/BlueGuide_7.0_final_MR.pdf</a>
<b>Handbook for the Implementation of Nature-based Solutions for Water Security: Guidelines for Designing an Implementation and Financing Arrangement</b>	<i>The Palgrave Encyclopedia of Urban and Regional Futures</i>	<a href="http://cpicfinance.com/wp-content/uploads/2021/04/D7.3REV.pdf">http://cpicfinance.com/wp-content/uploads/2021/04/D7.3REV.pdf</a>
<b>How can Ecosystem-based Adaptation improve climate resilience for water-related infrastructure?</b>	<i>GIZ</i>	<a href="https://www.adaptationcommunity.net/online-sessions/how-can-ecosystem-based-adaptation-improve-climate-resilience-for-water-related-infrastructure/">https://www.adaptationcommunity.net/online-sessions/how-can-ecosystem-based-adaptation-improve-climate-resilience-for-water-related-infrastructure/</a>
<b>Public International Funding of Nature-based Solutions for Adaptation: A Landscape Assessment</b>	<i>WRI</i>	<a href="https://www.wri.org/research/public-international-funding-nature-based-solutions-adaptation-landscape-assessment">https://www.wri.org/research/public-international-funding-nature-based-solutions-adaptation-landscape-assessment</a>

## 2. National Adaptation Plans

### News & Media:

Title	Published by	Link
<b>Can You Build Peace and Adapt to Climate Change at the Same Time?</b>	<i>NAP Global Network</i>	<a href="https://napglobalnetwork.org/2021/04/can-you-build-peace-and-adapt-to-climate-change/">https://napglobalnetwork.org/2021/04/can-you-build-peace-and-adapt-to-climate-change/</a>
<b>Climate &amp; Development Ministerial Chair's Summary</b>	<i>UK COP26</i>	<a href="https://ukcop26.org/climate-development-ministerial-chairs-summary/">https://ukcop26.org/climate-development-ministerial-chairs-summary/</a>



<b>When we talk about climate ambition, let's not forget adaptation</b>	<i>Reuters</i>	<a href="https://news.trust.org/item/20210330191601-z2fok">https://news.trust.org/item/20210330191601-z2fok</a>
<b>Spotlight on Communities and Local Resilience at the 7th Asia-Pacific Climate Change Adaptation Forum</b>	<i>NAP-GSP</i>	<a href="https://www.globalsupportprogramme.org/node/6627">https://www.globalsupportprogramme.org/node/6627</a>

### Scientific & Technical Publications:

Title	Published by	Link
<b>Review: Health in National Adaptation Plans (NAPs)</b>	<i>NAP Global Network</i>	<a href="https://napglobalnetwork.org/resource/review-health-in-naps/">https://napglobalnetwork.org/resource/review-health-in-naps/</a>
<b>Virtual Learning Session: Climate Action, Gender Equality, and Resilient Health Systems</b>	<i>NAP Global Network</i>	<a href="https://napglobalnetwork.org/2021/04/event-climate-action-gender-equality-and-health-systems/">https://napglobalnetwork.org/2021/04/event-climate-action-gender-equality-and-health-systems/</a>
<b>Virtual Peer Learning Summit: Addressing Climate Change Through Integrated Responses - Linking Adaptation and Mitigation</b>	<i>NAP Global Network</i>	<a href="https://napglobalnetwork.org/event/pls-addressing-climate-change-through-integrated-responses/">https://napglobalnetwork.org/event/pls-addressing-climate-change-through-integrated-responses/</a>
<b>Mainstreaming Climate Adaptation Planning and Action into Health Systems in Fiji, Ghana, and Benin</b>	<i>WRI</i>	<a href="https://www.wri.org/research/mainstreaming-climate-adaptation-planning-and-action-health-systems-fiji-ghana-and-benin">https://www.wri.org/research/mainstreaming-climate-adaptation-planning-and-action-health-systems-fiji-ghana-and-benin</a>

## 3. Early Warning Climate Forecasting

### News & Media:

Title	Published by	Link
<b>Andean and African climate projects aim to reap benefits of regional collaboration</b>	<i>Climate Home News</i>	<a href="https://www.climatechangenews.com/2021/03/29/andean-african-climate-projects-aim-reap-benefits-regional-collaboration/">https://www.climatechangenews.com/2021/03/29/andean-african-climate-projects-aim-reap-benefits-regional-collaboration/</a>
<b>Mother Earth Day: Here's Why Early Warning Systems Could Be Best Bet for Climate Adaptation in India</b>	<i>Weather.com</i>	<a href="https://weather.com/en-IN/india/news/news/2021-04-21-mother-earth-day-early-warning-systems-best-bet-for-climate-adaptation">https://weather.com/en-IN/india/news/news/2021-04-21-mother-earth-day-early-warning-systems-best-bet-for-climate-adaptation</a>

<b>Deploying Digital Tools to Withstand Climate Change in Low-Income Countries</b>	<i>World Bank</i>	<a href="https://www.worldbank.org/en/news/feature/2021/04/19/deploying-digital-tools-to-withstand-climate-change-in-low-income-countries">https://www.worldbank.org/en/news/feature/2021/04/19/deploying-digital-tools-to-withstand-climate-change-in-low-income-countries</a>
<b>WMO global climate report: Covid combines with extreme weather in a double blow for millions but fails to slow climate change and ‘accelerating impacts’</b>	<i>Red Cross Climate Centre</i>	<a href="https://www.climatecentre.org/news/1393/wmo-global-climate-report-covid-and-extreme-weather-a-double-blow-for-millions-but-fail-to-slow-climate-change-and-a-accelerating-impactsa">https://www.climatecentre.org/news/1393/wmo-global-climate-report-covid-and-extreme-weather-a-double-blow-for-millions-but-fail-to-slow-climate-change-and-a-accelerating-impactsa</a>

### Scientific & Technical Publications:

Title	Published by	Link
<b>Yield forecasting with machine learning and small data: what gains for grains?</b>	<i>Cornell University</i>	<a href="https://arxiv.org/abs/2104.13246">https://arxiv.org/abs/2104.13246</a>
<b>Future of weather and climate forecasting</b>	<i>WMO</i>	<a href="https://www.preventionweb.net/publications/view/76999">https://www.preventionweb.net/publications/view/76999</a>
<b>Flash Flood warning in context: combining local knowledge and large-scale hydro-meteorological patterns</b>	<i>Natural Hazards and Earth System Sciences</i>	<a href="https://nhess.copernicus.org/preprints/nhess-2021-107/nhess-2021-107.pdf">https://nhess.copernicus.org/preprints/nhess-2021-107/nhess-2021-107.pdf</a>
<b>Managing climate risk in livestock production in South Africa: how might improve tailored forecasting contribute?</b>	<i>Climate Risk Management</i>	<a href="https://www.sciencedirect.com/science/article/pii/S2212096321000413">https://www.sciencedirect.com/science/article/pii/S2212096321000413</a>

## 4. Other Adaptation Themes

### News & Media:

Title	Published by	Link
<b>Google.org Impact Challenge on Climate</b>	<i>Google</i>	<a href="https://impactchallenge.withgoogle.com/climate2020">https://impactchallenge.withgoogle.com/climate2020</a>
<b>Asia-Pacific’s solarized digitalization agenda in pandemic times</b>	<i>Cointelegraph</i>	<a href="https://cointelegraph.com/news/asia-pacific-s-solarized-digitalization-agenda-in-pandemic-times">https://cointelegraph.com/news/asia-pacific-s-solarized-digitalization-agenda-in-pandemic-times</a>



<b>Building Momentum to Close Adaptation Knowledge Gaps in the MENA Region</b>	<i>UNFCCC</i>	<a href="https://unfccc.int/news/building-momentum-to-close-adaptation-knowledge-gaps-in-the-mena-region">https://unfccc.int/news/building-momentum-to-close-adaptation-knowledge-gaps-in-the-mena-region</a>
<b>African presidents and global leaders support bold action on climate change adaptation for Africa</b>	<i>African Development Bank Group</i>	<a href="https://www.afdb.org/en/news-and-events/press-releases/african-presidents-and-global-leaders-support-bold-action-climate-change-adaptation-africa-43027">https://www.afdb.org/en/news-and-events/press-releases/african-presidents-and-global-leaders-support-bold-action-climate-change-adaptation-africa-43027</a>
<b>Africa Seeks \$25 Billion for Climate Adaptation, Green Recovery</b>	<i>IISD</i>	<a href="https://www.bloomberg.com/news/articles/2021-04-09/africa-seeks-25-billion-for-climate-adaptation-green-recovery">https://www.bloomberg.com/news/articles/2021-04-09/africa-seeks-25-billion-for-climate-adaptation-green-recovery</a>
<b>Communities in South America's Gran Chaco Are Organizing to Withstand Climate Change</b>	<i>WRI</i>	<a href="https://www.wri.org/insights/gran-chaco-communities-build-climate-resilience">https://www.wri.org/insights/gran-chaco-communities-build-climate-resilience</a>

### Scientific & Technical Publications:

<b>Title</b>	<b>Published by</b>	<b>Link</b>
<b>Climate-Fragility Risk Brief: Sudan</b>	<i>adelphi</i>	<a href="https://climate-diplomacy.org/magazine/conflict/climate-fragility-risk-brief-sudan">https://climate-diplomacy.org/magazine/conflict/climate-fragility-risk-brief-sudan</a>
<b>Climate-Fragility Risk Brief: Nepal</b>	<i>adelphi</i>	<a href="https://climate-diplomacy.org/magazine/conflict/climate-fragility-risk-brief-nepal">https://climate-diplomacy.org/magazine/conflict/climate-fragility-risk-brief-nepal</a>
<b>UN Common Guidance on Helping Build Resilient Societies</b>	<i>United Nations</i>	<a href="https://www.sparkblue.org/basic-page/un-common-guidance-helping-build-resilient-societies">https://www.sparkblue.org/basic-page/un-common-guidance-helping-build-resilient-societies</a>
<b>Climate Change Adaptation in Cambodia and Fiji Households</b>	<i>Climate Adaptation Platform</i>	<a href="https://climateadaptationplatform.com/climate-change-adaptation-in-cambodia-and-fiji-households/">https://climateadaptationplatform.com/climate-change-adaptation-in-cambodia-and-fiji-households/</a>
<b>Agroecology: A key piece to climate adaptation &amp; mitigation?</b>	<i>CGIAR</i>	<a href="https://ccafs.cgiar.org/news/agroecology-key-piece-climate-adaptation-mitigation">https://ccafs.cgiar.org/news/agroecology-key-piece-climate-adaptation-mitigation</a>
<b>Just Adapt: Engaging Disadvantaged Young People in Planning for Climate Adaptation</b>	<i>Politics &amp; Governance</i>	<a href="https://www.cogitatiopress.com/politicsandgovernance/article/view/3892">https://www.cogitatiopress.com/politicsandgovernance/article/view/3892</a>