



Climate Adaptation: Suggested Reading

April 2020

This monthly 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

Media:

Title	Published by	Link
‘There’s No More Water’: Climate Change on a Drying Island	<i>NY Times</i>	http://www.worldagroforestry.org/blog/2020/03/03/gambia-controlling-wild-fire-offers-nature-based-solution-diminishing-wild-food-and
Myanmar gears up for action on climate change	<i>UNEP</i>	https://www.unenvironment.org/news-and-stories/story/myanmar-gears-action-climate-change
The devastating impact of floods in India—and what can be done	<i>UNEP</i>	https://www.unenvironment.org/news-and-stories/story/devastating-impact-floods-india-and-what-can-be-done
Documentary: Ecosystem-based Adaptation in Mauritania (French)	<i>DIMS</i>	https://www.projetdims.org/film-documentaire/
On Earth Day, harnessing the power of nature to heal herself	<i>UNDP</i>	https://stories.undp.org/on-earth-day-harnessing-the-power-of-nature-to-heal-herself



Scientific & Technical Publications:

Title	Published by	Link
Factsheet: Ecosystem-based Adaptation in Angola 2016-2020	<i>UNEP</i>	http://wedocs.unep.org/bitstream/item/f477986a-4b65-4cc3-a24e-0d67688fc9a6f/Angola%20-%20Ecosystem-based%20Adaptation%202016-2020.pdf?sequence=1&isAllowed=y
Persistent business blind spots on climate risk and adaptation	<i>Conservation International</i>	https://cdn.gca.org/assets/2020-04/Persistent_Business_Blind_Spots_on_Climate_Risk_and_Adaptation.pdf
Time equals money? Valuing ecosystem-based adaptation in a developing country context	<i>Environment & Development Economics</i>	https://www.cambridge.org/core/journals/environment-and-development-economics/article/time-equals-money-valuing-ecosystembased-adaptation-in-a-developing-country-context/77B30DBA40E004BEE939BE07376AE207/core-reader
Using Nature-Based Solutions to Create more Climate-Resilient, Green and Livable Mediterranean Cities: Experiences from Castellón and Cannes	<i>REAL CORP 2020</i>	https://conference.corp.at/archive/CORP2020_3.pdf
Mapping the life cycle co-creation process of nature-based solutions for urban climate change adaptation	<i>Resources</i>	https://www.mdpi.com/2079-9276/9/4/39

2. National Adaptation Plans

Media:

Title	Published by	Link
GCF grants Zambia \$2.1m for climate resilience	<i>Diggers!</i>	https://diggers.news/local/2020/04/22/gcf-grants-zambia-2-1m-for-climate-resilience/
Experiences from Uganda's National Adaptation Plans' Process	<i>UNDP</i>	https://www.adaptation-undp.org/experiences-ugandas-national-adaptation-plans-process

Scaling up Climate Ambition on Land Use and Agriculture s in focusthrough NDCs and National Adaptation Plans (SCALA)	<i>FAO</i>	http://www.fao.org/climate-change/programmes-and-projects/detail/en/c/1273079/?utm_source=twitter&utm_medium=social%20media&utm_campaign=faoclimate
National Adaptation Plans in focus: Lessons from Saint Lucia	<i>UNDP</i>	https://www.adaptation-undp.org/resources/project-brief-fact-sheet/national-adaptation-plans-focus-lessons-saint-lucia

Scientific & Technical Publications:

Title	Published by	Link
Enhancing NDCs through nature-based solutions: 8 simple recommendations for integrating nature into NDCs	<i>WWF</i>	https://www.adaptationcommunity.net/wp-content/uploads/2020/04/enhancing_ndcs_through_nature_based_solutions.pdf
Addressing water in National Adaptation Plans	<i>Global Water Partnership</i>	https://eprints.hrwallingford.com/1401/
Unpacking the policy mix of adaptation to climate change in Brazil’s semiarid region: enabling instruments and coordination mechanisms (paywall)	<i>Climate Policy</i>	https://www.tandfonline.com/doi/abs/10.1080/14693062.2020.1753640
Identifying local governance capacity needs for implementing climate change adaptation in Mauritius	<i>Climate Policy</i>	https://www.tandfonline.com/doi/full/10.1080/14693062.2020.1745743
Monitoring and Evaluation Framework for Fiji’s National Adaptation Plan Process	<i>NAP Global Network</i>	http://napglobalnetwork.org/resource/monitoring-and-evaluation-framework-fiji-nap-process/

3. Early Warning Climate Forecasting

Media:

Title	Published by	Link
How a team of scientists studying drought helped build the world's leading famine prediction model	<i>Science Mag</i>	https://www.sciencemag.org/news/2020/04/how-team-scientists-studying-drought-helped-build-world-s-leading-famine-prediction
COVID-19 effect casts cloud over weather alert accuracy: UN sky watchers	<i>UN News</i>	https://news.un.org/en/story/2020/04/1060772
Building a new vision for climate services in Africa	<i>UNDP</i>	https://www.adaptation-undp.org/building-new-vision-climate-services-africa
Predicting Fast Moving Flash Droughts	<i>Eos</i>	https://eos.org/articles/predicting-fast-moving-flash-droughts
Southern Africa's dangerous information gap exacerbates natural disasters	<i>Mail & Guardian</i>	https://mg.co.za/article/2020-03-27-southern-africas-dangerous-information-gap-exacerbates-natural-disasters/

Scientific & Technical Publications:

Title	Published by	Link
The hunger forecast	<i>Science Mag</i>	https://science.sciencemag.org/content/368/6488/226.summary
Climate Smart Disaster Risk Reduction Interventions in Agricultural Sector - Flood Hazard, Practitioner's Guidebook 2019	<i>ADPC</i>	https://journals.ametsoc.org/doi/abs/10.1175/JHM-D-19-0284.1
Did the Climate Forecast System anticipate the 2015 Caribbean drought?	<i>Coastal Meteorology (COMET)</i>	https://journals.ametsoc.org/doi/abs/10.1175/JHM-D-19-0284.1
How Satellite Soil Moisture Data Can Help to Monitor the Impacts of Climate Change: SMAP Case Studies	<i>IEEE</i>	https://ieeexplore.ieee.org/abstract/document/9064534

El Niño Southern Oscillation as an early warning tool for dengue outbreak in India	<i>Europe PMC</i>	https://assets.researchsquare.com/files/rs-11888/v1/manuscript.pdf
Critical Analysis of the Value of Drought Information and Impacts on Land Management and Public Health	<i>Water</i>	https://www.mdpi.com/2073-4441/12/4/1064/htm
Integrated urban hydrometeorological, climate and environmental services: Concept, methodology and key messages	<i>Urban Climate</i>	https://www.sciencedirect.com/science/article/pii/S221209551930207X

4. Other Adaptation Themes

Media:

Title	Published by	Link
A Time to Save the Sick and Rescue the Planet	<i>NY Times</i>	https://www.nytimes.com/2020/04/28/opinion/coronavirus-climate-antonio-guterres.html
UN Secretary-General's remarks to Petersberg Climate Dialogue	<i>United Nations Secretary-General</i>	https://www.un.org/sg/en/content/sg/statement/2020-04-28/secretary-generals-remarks-petersberg-climate-dialogue-delivered
Podcast: Adapting to Climate Change during a Pandemic + Bonus Early Adaptation Legislation in the 1970s	<i>America Adapts</i>	https://www.americadapts.org/episodes/2020/4/19/adapting-to-climate-change-during-a-pandemic-bonus-early-adaptation-legislation-in-the-1970s
Climate after corona: green stimulus package could boost the economic recovery	<i>Journalism for the Energy Transition</i>	https://www.cleanenergywire.org/news/climate-after-corona-green-stimulus-package-could-boost-economic-recovery
Earth Day in the coronavirus era: Can resilience thinking provide a way forward?	<i>Mongabay</i>	https://news.mongabay.com/2020/04/earth-day-in-the-coronavirus-era-can-resilience-thinking-provide-a-way-forward/
Climate Adaptation Risks Displacing Vulnerable Communities, If Not Done Right	<i>Scientific American</i>	https://www.scientificamerican.com/article/climate-adaptation-risks-displacing-vulnerable-communities-if-not-done-right/



This Luxury Tower Has Everything: Pools. A Juice Bar. And Flood Resilience	<i>NY Times</i>	https://www.nytimes.com/2020/04/29/opinion/climate-change-architecture-design.html
Zoom climate diplomacy: ‘Technology doesn’t help build trust’	<i>Climate Change News</i>	https://www.climatechangenews.com/2020/04/01/zoom-climate-diplomacy-technology-doesnt-help-build-trust/

Scientific & Technical Publications:

Title	Published by	Link
The Costs of Sea-Level Rise: Coastal Adaptation Investments vs. Inaction in Iberian Coastal Cities	<i>Water</i>	https://www.mdpi.com/2073-4441/12/4/1220/htm
Building Resilience Together: Military and Local Government Collaboration for Climate Adaptation	<i>RAND</i>	https://reliefweb.int/report/world/building-resilience-together-military-and-local-government-collaboration-climate
Climate Change Vulnerability Assessments of Forests and Forest Dependent People: A framework methodology	<i>FAO</i>	https://www.cifor.org/knowledge/publication/7464/
Coastal Migration & Climate Adaptation	<i>Duke University</i>	https://onlinelibrary.wiley.com/doi/abs/10.1111/raq.12427
Climate Change Impacts, Vulnerability and Adaptation Options among the; Lozi Speaking People in Barotse Floodplain of Zambia	<i>International Journal of Humanities Social Sciences and Education</i>	https://link.springer.com/article/10.1007/s10113-020-01622-9
Climate change adaptation in aquaculture (paywall)	<i>Reviews in Aquaculture</i>	https://onlinelibrary.wiley.com/doi/abs/10.1111/raq.12427