



Climate Adaptation: Suggested Reading

October 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

News & Media:

Title	Published by	Link
'Sponge City': San Salvador uses nature to fight floods	UNEP	https://www.unep.org/news-and-stories/story/sponge-city-san-salvador-uses-nature-fight-floods
Good news: Cooperation agreement signed for the Green Climate Fund Project	Green Climate Fund	http://www.mades.gov.py/2020/10/30/buenas-noticias-firman-acuerdo-de-cooperacion-para-el-proyecto-del-fondo-verde-para-el-clima/#
Storms Amanda and Cristóbal in San Salvador: Nature-based solutions to prevent and minimize climate risks in urban areas	CityAdapt	https://storymaps.arcgis.com/stories/8e79beedb50042ac802845954c992c2e
The City of the Future: UNDP is re-imagining urban resilience to protect our people and our planet from climate change and build back greener from Covid-19	UNDP	https://undp-climate.exposure.co/urban-resilience
What is holding back the promise of nature-based solutions for climate change adaptation?	Stockholm Environment Insitute	https://www.sei.org/perspectives/what-is-holding-back-the-promise-of-nature-based-solutions-for-climate-change-adaptation/
Insurance solutions can help to restore mangroves as natural coastal defences	AXA	https://axaxl.com/press-releases/insurance-solutions-can-help-to-restore-mangroves-as-natural-coastal-defences

Scientific & Technical Publications:

Title	Published by	Link
Nature-Based Solutions in Latin American Cities	<i>The Palgrave Handbook of Climate Resilient Societies</i>	https://link.springer.com/referenceworkentry/10.1007/978-3-030-32811-5_120-1
Nature Hires: How nature-based solutions can power a green jobs recovery	WWF	https://www.panda.org/wwf_news/?943816/Nature-based-solutions-jobs-report
Integration of ecosystem-based adaptation measures in urban planning: Insights from Copenhagen and Malmö	DiVA	https://www.diva-portal.org/smash/record.jsf?pid=diva2%3A1477897&dswid=571
Resilience by Renovation: Opportunities for nature-based climate change resilience alongside the renovation of Amsterdam’s quay wall waterfronts	TU Delft	https://repository.tudelft.nl/islandora/object/uuid:29095229-1f55-4b36-8ccd-ae78476152ae
Webinar: Ecosystem-based Adaptation in Cities: People, Nature & Justice - Practical examples from the Global	IUCN	https://www.youtube.com/watch?v=mgtMIZ2TKOU

2. National Adaptation Plans

News & Media:

Title	Published by	Link
How Uruguay is advancing its National Adaptation Plan across cities through adaptive solutions and education	UNDP	https://www.adaptation-undp.org/how-uruguay-advancing-its-national-adaptation-plan-across-cities-through-adaptive-solutions-and
Developing multiple strategies as part of the National Adaptation Plan for Bangladesh	The Daily Star	https://www.thedailystar.net/opinion/politics-climate-change/news/developing-multiple-strategies-part-the-national-adaptation-plan-bangladesh-1969701
Strong governance, reduced risks: Reducing climate change effects and risks and Bosnia and Herzegovina by identifying opportunities and turning knowledge action	UNDP	https://undp-climate.exposure.co/strong-governance-reduced-risks

Scientific & Technical Publications:

Title	Published by	Link
Climate change adaptation planning for cultural heritage, a national scale methodology	<i>Emerald Insight</i>	https://www.emerald.com/insight/content/doi/10.1108/JCHMSD-04-2020-0053/full/html
Institutional Barriers to Climate Change Adaptation in Burkina Faso: How could We Go around Them?	<i>Journal of Sustainable Development</i>	https://www.researchgate.net/profile/Tiga-Neva/publication/344428269_Institutional_Barriers_to_Climate_Change_Adaptation_in_Burkina_Faso_How_could_We_Go_around_Them/links/5f744c0f92851c14bca06f91/Institutional-Barriers-to-Climate-Change-Adaptation-in-Burkina-Faso-How-could-We-Go-around-Them.pdf
Private Sector Engagement in National Adaptation Plan Development and Implementation in Vietnam	<i>NAP Global Network</i>	http://napglobalnetwork.org/resource/private-sector-engagement-in-national-adaptation-plan-development-and-implementation-in-vietnam/

3. Early Warning Climate Forecasting

News & Media:

Title	Published by	Link
Europe is building a ‘digital twin’ of Earth to revolutionize climate forecasts	<i>Science Mag</i>	https://www.sciencemag.org/news/2020/10/europe-building-digital-twin-earth-revolutionize-climate-forecasts
Climate change: Better warning systems needed for extreme weather – UN	<i>BBC</i>	https://www.bbc.com/news/science-environment-54514008
Early warning: human detectors, drones and the race to control Australia’s extreme bushfires	<i>The Guardian</i>	https://www.theguardian.com/australia-news/2020/oct/25/early-warning-human-detectors-drones-and-the-race-to-control-australias-extreme-bushfires
Early warning saves lives as climate change spurs disasters	<i>India Climate Dialogue</i>	https://indiadialogue.net/2020/10/14/early-warning-saves-lives-as-climate-change-spurs-disasters/
Adaptation Futures webinar on the future of climate information and early warning	<i>Red Cross Climate Centre</i>	https://www.climatecentre.org/news/1333/adaptation-futures-webinar-on-the-future-of-climate-information-and-early-warning

Scientific & Technical Publications:

Title	Published by	Link
State of Climate Services 2020 Report: Move from Early Warnings to Early Action	<i>WMO</i>	https://public.wmo.int/en/media/press-release/state-of-climate-services-2020-report-move-from-early-warnings-early-action
Convection Parametrization and Multi-Nesting Dependence of a Heavy Rainfall Event over Namibia with Weather Research and Forecasting (WRF) Model	<i>MDPI</i>	https://www.mdpi.com/2225-1154/8/10/112
Prediction of Droughts in the Mongolian Plateau Based on the CMIP5 Model	<i>MDPI</i>	https://www.mdpi.com/2073-4441/12/10/2774

4. Other Adaptation Themes

News & Media:

Title	Published by	Link
New strains of rice could address climate change	<i>UNEP</i>	https://www.unep.org/news-and-stories/story/new-strains-rice-could-address-climate-change
Speech: Scaling up climate change adaptation in Africa	<i>UNDP</i>	https://www.undp.org/content/undp/en/home/news-centre/speeches/2020/scaling-up-climate-change-adaptation-in-africa-via-africa-adapta.html
Climate change spurs doubling of disasters since 2000: UN	<i>Al Jazeera</i>	https://www.aljazeera.com/news/2020/10/12/climate-change-spurs-doubling-of-disasters-since-2000-un
Speech: Adapting to 4°C of global warming	<i>Gov.uk</i>	https://www.gov.uk/government/speeches/adapting-to-4c-of-global-warming
Climate change affects our health: how can society adapt?	<i>EuroNews</i>	https://www.euronews.com/2020/10/19/adapting-to-our-warming-world



Scientific & Technical Publications:

Title	Published by	Link
Crop Management for Climate-Smart Agriculture (paywall)	<i>Climate Smart Agriculture</i>	https://link.springer.com/chapter/10.1007/978-981-15-9132-7_7
Ranking Climate Change Adaptation Options	<i>Preprints</i>	https://www.preprints.org/manuscript/202010.0479/v1
Integrated watershed management on soil quality, crop productivity and climate change adaptation, dry highland of Northeast Ethiopia	<i>Agricultural Systems</i>	https://www.sciencedirect.com/science/article/pii/S0308521X20308258
The role of beliefs, expectations and values in decision-making favoring climate change adaptation – implications for communications with European forest professionals	<i>Environmental Research Letters</i>	https://iopscience.iop.org/article/10.1088/1748-9326/abc2fa/meta