



Climate Adaptation: Suggested Reading

May 2020

This monthly reading list is divided into four themes:

1. Ecosystem-based Adaptation
2. National Adaptation Plans
3. Early Warning Climate Forecasting
4. Covid-19 & Adaptation

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 |
|---|---------------------------|---|
| Albania: How a lagoon became a frontline defence against climate change | UNEP | https://www.unenvironment.org/news-and-stories/story/albania-how-lagoon-became-frontline-defence-against-climate-change |
| Video: Using nature to fight climate change in Albania | UNEP | https://www.youtube.com/watch?v=ateupQpGGgE |
| 3 Steps to Scaling Up Nature-Based Solutions for Climate Adaptation | World Resources Institute | https://www.wri.org/blog/2020/05/3-steps-scaling-nature-based-solutions-climate-adaptation |
| Building resilience through nature-based solutions | UNEP-WCMC | https://www.unep-wcmc.org/news/building-resilience-through-nature-based-solutions |
| Quick Bytes: Scaling Ecosystem-Based Adaptation to Climate Change in Maharashtra | YKA | https://www.youthkiawaaz.com/2020/05/scaling-ecosystem-based-adaptation-to-climate-change-in-maharashtra-india-an-analysis-of/ |
| Millions donated to save Clarendon mangroves | Jamaica Observer | http://www.jamaicaobserver.com/news/millions-donated-to-save-clarendon-mangroves_194385 |
| Powerful women face the climate crisis head on in Colombia | UNDP | https://www.adaptation-undp.org/powerful-women-face-climate-crisis-head-colombia |



Scientific & Technical Publications:

| Title | Published by | Link |
|---|------------------------------|---|
| Effectiveness of Nature-based Solutions for Climate Change Adaptation: Lessons from thirteen projects in Asia, Africa and Latin America | <i>IUCN</i> | https://www.iucn.org/sites/dev/files/info_brief_eba_effectiveness_unsg_climate_summit.pdf |
| Global recognition of the importance of nature-based solutions to the impacts of climate change | <i>Global Sustainability</i> | https://www.cambridge.org/core/journals/global-sustainability/article/global-recognition-of-the-importance-of-naturebased-solutions-to-the-impacts-of-climate-change/31E756CC7792FB9DF717E3DAEE1381AC |
| Nature-Based Solutions for Urban Climate Change Adaptation: Linking Science, Policy, and Practice Communities for Evidence-Based Decision-Making | <i>BioScience</i> | https://www.researchgate.net/publication/334658151_Nature-Based_Solutions_for_Urban_Climate_Change_Adaptation_Linkin_g_Science_Policy_and_Practice_Communities_for_Evidence-Based_Decision-Making |
| Green Infrastructures for Urban Water System: Balance between Cities and Nature | <i>Water</i> | https://www.mdpi.com/2073-4441/12/5/1456 |

2. National Adaptation Plans

News & Media:

| Title | Published by | Link |
|--|-------------------|---|
| Universities and locally led climate action in Nepal | <i>NAP-GSP</i> | https://www.globalsupportprogrammme.org/node/6032 |
| Insights on adaptation planning from Gobeshona Conference, Bangladesh | <i>NAP-GSP</i> | https://www.globalsupportprogrammme.org/node/5997 |
| How countries' climate ambitions can support a sustainable recovery from COVID-19 (Coronavirus) | <i>World Bank</i> | https://blogs.worldbank.org/climatechange/how-countries-climate-ambitions-can-support-sustainable-recovery-covid-19-coronavirus |
| New Zealand's Updated NDC Informs of Its Zero Carbon Amendment Act | <i>IISD</i> | http://sdg.iisd.org/news/new-zealands-updated-ndc-informs-of-its-zero-carbon-amendment-act/ |

Scientific & Technical Publications:

| Title | Published by | Link |
|--|---|---|
| A method for enhancing capacity of local governance for climate change adaptation | <i>American Geophysical Union</i> | https://agupubs.onlinelibrary.wiley.com/doi/epdf/10.1029/2020EF001506 |
| Integrated assessment of climate change impacts on crop productivity and income of commercial maize farms in northeast South Africa | <i>Food Security</i> | https://link.springer.com/article/10.1007/s12571-020-01023-0 |
| Factsheet: National Adaptation Planning | <i>USAID</i> | https://www.climatelinks.org/resources/national-adaptation-planning-nap-fact-sheet |
| Three steps to integrate climate change adaptation and development: Addressing resilience in Danish development policy | <i>Danish Institute for International Studies</i> | https://www.forskningsdatabase.n.dk/en/catalog/2547498962 |

3. Early Warning Climate Forecasting

News & Media:

| Title | Published by | Link |
|--|--|---|
| AI to predict wildfires | <i>Meteorological Technology International</i> | https://www.expotimesonline.net/index.php/politics/79-sierra-leone-climate-information-training-helps-better-tackle-climate-change |
| Sierra Leone: Climate Information Training Helps Better Tackle Climate Change | <i>Expo Times Online</i> | https://www.expotimesonline.net/index.php/politics/79-sierra-leone-climate-information-training-helps-better-tackle-climate-change |
| WMO Updates Guidelines on Multi-Hazard Impact-Based Forecast and Warning Services | <i>WMO</i> | https://public.wmo.int/en/media/news/wmo-updates-guidelines-multi-hazard-impact-based-forecast-and-warning-services |
| Northern Hemisphere snow can now be reliably estimated | <i>WMO</i> | https://public.wmo.int/en/media/news/northern-hemisphere-snow-can-now-be-reliably-estimated |

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| Cyclone Amphan highlights the value of multi-hazard early warnings | <i>WMO</i> | https://public.wmo.int/en/media/news/cyclone-amphan-highlights-value-of-multi-hazard-early-warnings |
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Scientific & Technical Publications:

| Title | Published by | Link |
|---|--|---|
| 2019 Annual Report of the Climate Risk & Early Warning Systems | <i>WMO</i> | https://public.wmo.int/en/media/press-release/advances-highlighted-climate-risk-early-and-warning-systems |
| Forecast-based financing in Nepal: A return on investment study | <i>World Food Programme</i> | https://reliefweb.int/report/nepal/forecast-based-financing-nepal-return-investment-study |
| Caribbean workshop on impact-based forecasting and risk scenario planning | <i>WMO</i> | https://public.wmo.int/en/media/news/caribbean-workshop-impact-based-forecasting-and-risk-scenario-planning |
| Indigenous Knowledge Aware Drought Monitoring, Forecasting and Prediction using Deep Learning Techniques | <i>Haramaya University</i> | https://www.climatechange.ai/papers/iclr2020/22/paper.pdf |
| Analysis of the Influence of Typhoon on Shaoyang Area and the Countermeasures of Forecasting and Warning | <i>Climate Change Research Letters</i> | https://pdf.hanspub.org/CCRL2020300000_57280023.pdf |

4. Covid-19 & Adaptation

News & Media:

| Title | Published by | Link |
|--|--------------------------|---|
| Building Back Better with Natural Resources | <i>UNEP</i> | https://www.unenvironment.org/news-and-stories/story/building-back-better-natural-resources |
| COVID-19: Four Sustainable Development Goals that help future-proof global recovery | <i>UNEP</i> | https://www.unenvironment.org/news-and-stories/story/covid-19-four-sustainable-development-goals-help-future-proof-global |
| Video: Building back better – Leadership #ForNature | <i>UNEP</i> | https://www.unenvironment.org/news-and-stories/video/building-back-better-leadership-formature |
| Climate change: Now is the moment to rebuild better | <i>Phys.org</i> | https://phys.org/news/2020-05-climate-moment-rebuild.html |
| COVID-19 Makes the 2020s the Adaptation Decade for Climate Change | <i>Triple Pundit</i> | https://www.triplepundit.com/story/2020/covid-19-makes-2020s-adaptation-decade-climate-change/87386 |
| What can the climate change community learn from the Covid-19 crisis? | <i>Climate Home News</i> | https://www.climatechangenews.com/2020/05/05/can-climate-change-community-learn-covid-19-crisis/ |
| Resilient Recovery: Using climate adaptation plans to build back better | <i>IISD</i> | https://www.iisd.org/blog/climate-adaptation-stimulus |
| Covid-19: EU recovery plan should include climate crisis action | <i>Modern Diplomacy</i> | https://moderndiplomacy.eu/2020/05/06/covid-19-eu-recovery-plan-should-include-climate-crisis-action/ |
| How countries' climate ambitions can support a sustainable recovery from COVID-19 (Coronavirus) | <i>World Bank</i> | https://blogs.worldbank.org/climatechange/how-countries-climate-ambitions-can-support-sustainable-recovery-covid-19-coronavirus |
| Momentum On Climate Action May Be Hampered By the COVID-19 Crisis | <i>AllAfrica</i> | https://allafrica.com/stories/202004290928.html |
| A Pandemic That Cleared Skies and Halted Cities Isn't Slowing Global Warming – Bloomberg | <i>Bloomberg</i> | https://www.bloomberg.com/graphs/2020-how-coronavirus-impacts-climate-change/ |

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| Why a 17% emissions drop does not mean we are addressing climate change | <i>World Economic Forum</i> | https://www.weforum.org/agenda/2020/05/why-a-17-emissions-drop-does-not-mean-we-are-addressing-climate-change |
| A moment of reckoning - when coronavirus meets climate change | <i>Al Jazeera</i> | https://www.aljazeera.com/indepth/opinion/moment-reckoning-coronavirus-meets-climate-change-200423105300035.html |

Scientific & Technical Publications:

| Title | Published by | Link |
|---|--|---|
| Working With the Environment to Protect People: UNEP's COVID-19 Response | <i>UNEP</i> | https://wedocs.unep.org/bitstream/handle/20.500.11822/32218/UNEP_COVID.pdf?sequence=1&isAllowed=y |
| Will COVID-19 fiscal recovery packages accelerate or retard progress on climate change | <i>Oxford Review of Economic Policy</i> | https://cdn.gca.org/assets/2020-04/Persistent_Business_Blind_Spots_on_Climate_Risk_and_Adaptation.pdf |
| COVID-19 and Climate Change: A Tale of Two Global Problems | <i>SSRN</i> | https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3604140 |
| Forecast-based financing in Nepal: A return on investment study | <i>World Food Programme</i> | https://reliefweb.int/report/nepal/forecast-based-financing-nepal-return-investment-study |
| Coronavirus at the End of the World: Antarctica Matters | <i>Social Sciences & Humanities Open</i> | https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3599762 |
| The Environmental Impacts of the Coronavirus | <i>Environmental and Resource Economics</i> | https://link.springer.com/content/pdf/10.1007/s10640-020-00426-z.pdf |
| A COVID-19 recovery for climate | <i>Science</i> | https://science.sciencemag.org/content/368/6490/447.summary?casa_token=r2SnUun7XNEAAAAA:UytfISfivcSbP66C19OZ2ZUsh3Dg5P0qB4Jm6B-eCIAB2-CsMmfk2OhCDoHVJ25FkcJ86lj9Tl_pg0 |