



Climate Adaptation: Suggested Reading

February 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 |
|---|--------------------|---|
| UNEP & IUCN lead Nature-based Resilience Stream at APAN Forum | GAN | https://www.unep.org/gan/news/blogpost/unep-iucn-lead-nature-based-resilience-stream-apan-forum |
| Visual Feature: Making Peace With Nature | UNEP | https://www.unep.org/interactive/making-peace-nature/ |
| Glacier collapse in India a worrying sign of what's to come | UNEP | https://www.unep.org/news-and-stories/story/glacier-collapse-india-worrying-sign-whats-come |
| Pakistan to host restoration-themed World Environment Day 2021 | UNEP | https://www.unep.org/news-and-stories/press-release/pakistan-host-world-environment-day-2021 |
| Video: Amplifying Ecosystem-based Adaptation (EbA) with National Adaptation Plan (NAP) Processes | NAP Global Network | https://napglobalnetwork.org/resource/video-amplifying-eba-with-nap/ |
| New funds could help grow Africa's Great Green Wall. But can the massive forestry effort learn from past mistakes? | Science Mag | https://www.sciencemag.org/news/2021/02/great-green-wall-could-save-africa-can-massive-forestry-effort-learn-past-mistakes?fbclid=IwAR0DGQJkNDvN-ynfIPsb0trvYbVJ8EseBOX1jqPntYaBQdtmAjb9GgcTdfidE |



Scientific & Technical Publications:

| Title | Published by | Link |
|---|----------------|---|
| Making Peace With Nature | UNEP | https://www.unep.org/resources/making-peace-nature |
| Project Factsheet: Ecosystem-based Adaptation in Mauritania, Seychelles & Nepal (EbA South) | UNEP | https://wedocs.unep.org/bitstream/handle/20.500.11822/35203/EbA_S_2013-20.pdf?sequence=3&isAllowed=y |
| Annual Newsletter: Friends of Ecosystem-based Adaptation 2020-21 | Friends of EbA | https://www.iucn.org/sites/dev/files/feba_newsletter_2020-2021_v4-compressed.pdf |
| Ecosystem-Based Adaptation Practices as a Nature-Based Solution to Promote Water-Energy-Food Nexus Balance | Sustainability | https://uploads.water-energy-food.org/resources/sustainability-13-01142.pdf |
| How Ecosystem-Based Adaptation to Climate Change Can Help Coastal Communities through a Participatory Approach | Sustainability | https://www.google.com/url?sa=t&rct=j&q=&esrc=s&source=web&cd=&ad=rja&uact=8&ved=2ahUKEwjn-MyIwZHvAhWpxoUKHaFVC3EQFjACegQICBAD&url=https%3A%2F%2Fwww.mdpi.com%2F2071-1050%2F13%2F4%2F2344%2Fpdf&usq=AOvVaw340NZSH9YOmhv5deMnXJb3 |

2. National Adaptation Plans

News & Media:

| Title | Published by | Link |
|--|--------------------|---|
| Video: Amplifying Ecosystem-based Adaptation with National Adaptation Plan Processes | NAP Global Network | https://napglobalnetwork.org/resource/video-amplifying-eba-with-nap/ |
| DRC makes strides in adaptation planning and validates a first National Adaptation Plan | UNDP | https://www.adaptation-undp.org/drc-makes-strides-adaptation-planning-and-validates-first-national-adaptation-plan |
| Climate change & policy making in Nepal | IPS | http://www.ipsnews.net/2021/02/climate-change-policy-making-nepal/ |

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| 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. |
| Greater Climate Ambition Urged as Initial NDC Synthesis Report Is Published | <i>UNFCCC</i> | https://unfccc.int/news/greater-climate-ambition-urged-as-initial-ndc-synthesis-report-is-published |

Scientific & Technical Publications:

| Title | Published by | Link |
|--|---------------------------|---|
| Enhanced NDCs Are Making Strong Links to National Adaptation Plans | <i>NAP Global Network</i> | https://napglobalnetwork.org/2021/02/enhanced-ndcs-are-making-strong-links-to-naps/ |
| The NAP Process & Peacebuilding | <i>NAP Global Network</i> | https://napglobalnetwork.org/resource/naps-and-peacebuilding/ |
| Quality Criteria for Health National Adaptation Plans | <i>WMO</i> | https://www.who.int/publications/i/item/quality-criteria-health-national-adaptation-plans |
| Sexual and Reproductive Health and Rights (SRHR) in National Adaptation Plan (NAP) Processes | <i>NAP Global Network</i> | https://napglobalnetwork.org/resource/srhr-in-nap-processes/ |
| Policy making under scarcity: reflections for designing socially just climate adaptation policy | <i>One Earth</i> | https://www.sciencedirect.com/science/article/pii/S259033221000543 |
| The Paradox of Public Trust Shaping Local Climate Change Adaptation | <i>Atmosphere</i> | https://www.mdpi.com/2073-4433/12/2/241 |

3. Early Warning Climate Forecasting

News & Media:

| Title | Published by | Link |
|--|---|---|
| Opinion: How We Can Better Predict Weather Catastrophes | <i>New York Times</i> | https://www.nytimes.com/2021/02/25/opinion/weather-forecast-climate-change.html |
| Preparing India for Extreme Climate Events: Mapping Hotspots and Response Mechanisms | <i>Council on Energy, Environment & Water</i> | https://www.ceew.in/publication/preparing-india-extreme-climate-events |
| Uttarakhand disaster: An early warning system for glaciers is needed | <i>The Indian Express</i> | https://indianexpress.com/article/explained/early-warning-system-for-glaciers-flash-floods-uttarakhand-7187580/ |
| CoP26 Diplomatic Dialogue on Adaptation: Bangladesh's disaster preparedness and early warning capacity lauded | <i>The Daily Star</i> | https://www.thedailystar.net/environment-climate-action-0/news/cop26-diplomatic-dialogue-adaptation-bangladeshs-disaster-preparedness-and-early-warning-capacity-2039313 |
| Artificial intelligence can boost disaster management | <i>WMO</i> | https://public.wmo.int/en/media/news/artificial-intelligence-can-boost-disaster-management |

Scientific & Technical Publications:

| Title | Published by | Link |
|--|------------------------------------|---|
| Review of Early Warning Dissemination in Media and Assessment of Flood Early Warning Systems in Media | <i>ETH Zurich</i> | https://www.research-collection.ethz.ch/handle/20.500.11850/468483 |
| Seasonal Arctic sea ice forecasting with probabilistic deep learning | <i>Earth ArXiv</i> | https://eartharxiv.org/repository/view/2027/ |
| Landslide Forecasting: Inventory, Susceptibility, and Hazard Analyses | <i>George Mason University</i> | http://eobot.gmu.edu/handle/1920/11945 |
| Forecasting Landslides Using Mobility Functions: A Case Study from Idukki District, India (paywall) | <i>Indian Geotechnical Journal</i> | https://link.springer.com/article/10.1007/s40098-020-00490-8 |

4. Other Adaptation Themes

News & Media:

| Title | Published by | Link |
|--|----------------|---|
| Can big data help protect the planet? | UNEP | https://www.unep.org/news-and-stories/story/can-big-data-help-protect-planet |
| 40 Governments and Leading Institutions Commit to Support Locally Led Climate Adaptation | WRI | https://www.wri.org/news/2021/01/release-40-governments-and-leading-institutions-commit-support-locally-led-climate |
| Bill Gates on Adapting to a Warmer World | UNEP | https://www.bloomberg.com/news/features/2021-02-11/bill-gates-on-climate-change-and-adapting-to-warmer-world |
| Bangladesh in 2050: Vision of a climate resilient society | The Daily Star | https://www.thedailystar.net/supplements/30th-anniversary-supplements/aspirations-the-next-50-years/news/bangladesh-2050-vision-climate-resilient-society-2047585 |
| Locally led adaptation to climate change comes of age | Dhaka Tribune | https://www.dhakatribune.com/climate-change/2021/02/25/locally-led-adaptation-to-climate-change-comes-of-age |
| Lessons from Africa on climate change adaptation | WEF | https://www.weforum.org/agenda/2021/02/climate-change-adaption-resilience-africa/ |

Scientific & Technical Publications:

| Title | Published by | Link |
|--|--------------|---|
| Global Climate Litigation Report: 2020 Status Review | UNEP | https://www.unep.org/resources/report/global-climate-litigation-report-2020-status-review#:~:text=It%20finds%20that%20a%20rapid,cases%20filed%20in%2038%20countries |
| Digital with purpose: Delivering a SMARTer 2030 | GeSI | https://gesi.org/platforms/digital-with-a-purpose-delivering-a-smarter2030 |
| Locally led climate adaptation: What is needed to accelerate action and support? | WRI | https://files.wri.org/s3fs-public/locally-led-adaptation-accelerating-action-and-support_0.pdf?DHW.Vx3q8pMXqUvRSkNh110Towzyq5sm |

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| <p>The challenge of making climate adaptation profitable for farmers: evidence from Sri Lanka’s rice sector</p> | <p><i>AgEcon</i></p> | <p>https://ageconsearch.umn.edu/record/309363/</p> |
| <p>Spatial Planning for Urban Resilience in the Face of the Flood Risk : Institutional Actions, Opportunities and Challenges</p> | <p><i>TU Delft</i></p> | <p>https://www.narcis.nl/publication/RecordID/oai:tudelft.nl:uuid%3A11f2bd1a-c4f7-4f32-af75-b441735fa2fa</p> |
| <p>Beyond the vulnerability/resilience dichotomy: Perceptions of and responses to the climate crisis on Emau, Vanuatu</p> | <p><i>Island Studies Journal</i></p> | <p>https://www.islandstudies.ca/sites/default/files/ISJRuehrLandGuardiansVanuatu.pdf</p> |