

THE KNOWLEDGE HUB OF THE GLOBAL MANGROVE ALLIANCE

TOOLS AND REPORTS

Among the News published on the UN Decade on Ecosystem Restoration website, there is also information on the [new materials published by the Global Mangrove Alliance to support Mangrove practitioners](#) in their ongoing restoration work in countries and in local communities.

In particular the Mangrove Alliance manages a Knowledge Hub conceived as a global mangrove clearinghouse for better understanding mangrove ecosystems. The Hub includes materials curated by the [Global Mangrove Alliance](#) in partnership with different technical and scientific organizations involved in the support to the restoration work.

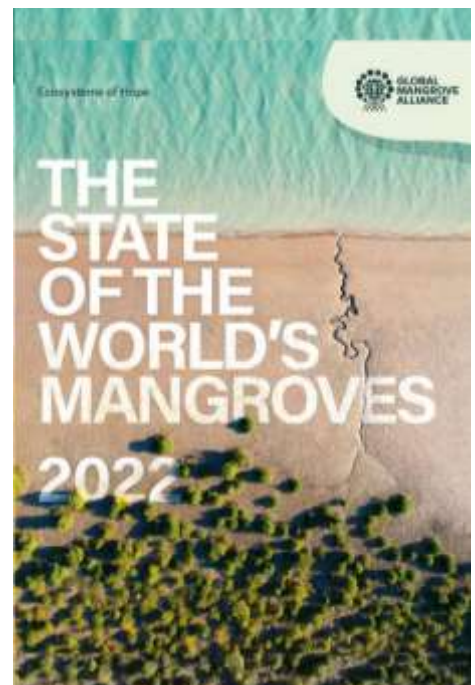


We know thriving mangroves are key to combating climate change and supporting thriving communities and biodiversity. We also know how challenging the lack of information around effective mangrove restoration efforts and best practices can be. That's why the Global Mangrove Alliance announces the launch of the [Mangrove Restoration Tracker Tool](#) (MRTT) and the accompanying [User Guide](#). The tool invites mangrove practitioners to record and track their restoration projects across its lifetime while ensuring best practice towards sustainable long-living mangroves globally. The Mangrove Restoration Tracker Tool is a Global Mangrove Alliance product developed by the University of Cambridge, Conservation International, The Nature Conservancy, Wetlands International, and WWF in collaboration with 80 conservation practitioners and scientists from around the world.



Built into [Global Mangrove Watch](#) platform - the pre-imminent and most widely-recognized mangrove mapping tool, the Mangrove Restoration Tracker Tool (MRTT) significantly benefits mangrove restoration results by identifying and tracking success from past, present, and future mangrove restoration activities and enables learning and information exchange between practitioners. While mangrove losses in the last 25 years were considerable, rates of loss are declining. Thanks to the Global Mangrove Watch, we can study ecosystem change over time, providing a critical baseline from which we continue to learn about mangrove benefits, loss, and expansion.

[The second edition 2022 of the State of the World's Mangroves report](#) is another of the products developed and published by the Mangrove Alliance. Mangrove forests are critical ecosystems, both for biodiversity and for humanity. Vast areas have been lost, but things are changing. As we begin to realize their full value, as carbon stores, fish factories, coastal defenses and more, ever-greater efforts are being made to protect what remains, and to start programs of restoration. The State of the World's Mangroves 2022 Report provides the very latest information on what we know about mangroves and what's being done to support



these magnificent habitats. Humans and mangroves have a long history of thriving together. When empowered, coastal communities can ensure mangroves' long-term sustainable use, in large part because of benefits they gain from conservation, like food and job security, and improved livelihood.

The 2022 Report shows that 8,183km² of mangroves are considered restorable globally. Restoring half of these mangroves would build habitat that generates over 25 billion commercially important fish and shellfish every year and continue to support 4.1 million small-scale fishers and countless communities that rely on mangroves for their livelihoods. Restoration could safeguard carbon in soil and aboveground biomass equivalent to 1.27gigatons of CO₂ as well as mitigate damages from storms and reduce flood risk to some 15 million people every year.

The Report also shows the successes achieved around the world. The activities of these national chapters are impressive, with many having specific and ambitious objectives or timelines, or working to meet or surpass their 2030 goals. In Colombia, for example, teams are working on quantifying and mapping mangrove ecosystem services on Caribbean and Pacific coasts, and on reducing emissions from mangrove degradation and deforestation by 50% by 2030. The Indonesia team plans to enhance their *One Map Mangrove* using the latest data from Global Mangrove Watch, and to reduce carbon emissions through improved governance of shrimp aquaculture. Kenya will improve their policy capacity by preparing a report with specific actions for ocean/climate commitments to help the country meet its National NDC goals, and support farming communities with livelihood diversification by developing a pilot for restorative aquaculture. The successes of these activities can become case-studies through which scaling can be simplified in other countries with similar challenges. Updates on the successes and challenges of these chapters of the Report will be shared through the official GMA Newsletter, which is open for all interested actors.

[The Best Practice Guidelines for Mangrove Restoration](#) is another joint product developed and published by the Mangrove Alliance and the Blue Carbon Initiative, led by the University of Queensland, Conservation International, Wetlands International, Blue Marine Foundation and the International Blue Carbon Institute, along with dozens of mangrove scientists and user groups across the world.

The Global Mangrove Alliance (GMA) and the Blue Carbon Initiative (BCI), are hosting these Global Mangrove Restoration Guidelines, and are bringing together NGOs, governments, scientists, industry, local communities, and funders towards a common goal of conserving and restoring mangrove ecosystems in a science-based, fair, and equitable manner. This is a living document and will be updated regularly as new information, new technologies, and new opportunities are presented. For public and private practitioners and coastal zone managers, these guidelines offer a practical stepwise approach throughout the project cycle, from feasibility through to implementation and long-term maintenance. They also help ensure that you are aware of and adopt best practice approaches and continue to improve and adapt in response to dynamic developments as needed. For (inter)national policy makers and private sector branch organisations, these guidelines offer inspiration and evidence to help drive integration of mangroves in sustainable development, climate and biodiversity policies and sectoral strategies. The six principles for successful restoration help set the quality benchmark, while purposeful target setting, along with associated key performance indicators, help monitor and deliver tangible impacts. For investors and development banks, these guidelines support selection of high-quality propositions, they can help de-risk investments by reducing failure risks and ensuring compliance



with international criteria for environmental and social sustainability and enhance cost efficiency. It also provides monitoring and evaluation criteria for determining the impact of their investments

The Global Mangrove Alliance is currently coordinated by Conservation International, The International Union for the Conservation of Nature, The Nature Conservancy, Wetlands International, and World Wildlife Fund. The Global Mangrove Alliance has over 30 members in total, and that number is growing! Read on to learn how our members contribute to mangrove conservation. All members of the Global Mangrove Alliance enjoy opportunities to contribute to, and benefit from, the collaborative spirit with which the Alliance is organized and run. The Global Mangrove invites all interested actors working in Mangrove restoration to join the Alliance.

To know more

[Global Mangrove Alliance website](#)

[Mangrove Alliance Restoration tracker tool](#)

[Newly-released-global-mangrove-alliance-tool-mangroves](#)

[2022 Report: The State of the world's Mangroves](#)

[The-State-of-the-Worlds-Mangroves-Report_2022.pdf](#)

[Best-Practice-for-Mangrove-Restoration-Guidelines-v2.pdf](#)

[Global Mangrove Alliance Roadmap and Strategy](#)

[Global Mangrove Alliance in Facebook](#)

Photography.mangroveactionproject.org/gallery/gallery-2023

[UN Decade on Ecosystem Restoration](#)

[Global Mangrove Alliance tool in Ecosystem Restoration website](#)

