

# UNEP PUBLICATIONS

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# Chemicals and Pollution Action

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## **#OnlyOneEarth: A Practical Guide to Living Sustainably in Harmony with Nature Developed for World Environment Day 2022**

This year's campaign, #OnlyOneEarth, highlights the need to reset the balance with nature through transformative changes in how we eat, live, work and move around. This guide presents actions that communities, organizations and people everywhere can take. It spotlights the key responsibility of governments, cities, business, faith groups and finance to make sustainable living possible by transforming consumption, production, infrastructure, investment and land use. It also includes examples of personal decisions to effect change and push for action.

<https://wedocs.unep.org/20.500.11822/40017>

**Type:** Manuals, Guides and Toolkits

English; Arabic; Chinese; French; Russian; Spanish; Portuguese

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## **Environmental Dimensions of Antimicrobial Resistance - Summary for Policymakers**

Given the interconnection of human, animal, plant and ecosystems health, a 'One Health' response to AMR is essential.

<https://wedocs.unep.org/20.500.11822/38373>

**Type:** Briefs, Summaries, Policies and Strategies

English

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## **Frontiers 2022: Noise, Blazes and Mismatches – Emerging Issues of Environmental Concern**

The 2022 edition delves into three issues: noise pollution in cities, the growing threat of wildfires and shifts in seasonal events – such as flowering, migration and hibernation, an area of study known as phenology

<https://wedocs.unep.org/20.500.11822/38059>

**Type:** Reports, Books and Booklets

English

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## **Guidance on Policy and Legislation for Integrated Waste Management during a Pandemic**

The overarching objective of this guidance is to support countries in their efforts to develop or revise their legislation and policies to foster better preparedness and responses, in the event of future pandemics, to address health and environment risks associated with waste management.

<https://wedocs.unep.org/20.500.11822/39705>

**Type:** Reports, Books and Booklets

English

<https://wedocs.unep.org/20.500.11822/39722>

**Type:** Briefs, Summaries, Policies and Strategies

English; Arabic; Chinese; French; Russian; Spanish

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## **Keepers of the Land: The Curious Case of the Contaminated River**

Just like Nora in Paradiseville, people around the world are hard at work to ensure a brighter, cleaner future for their communities.

<https://wedocs.unep.org/20.500.11822/37844>

**Type:** Reports, Books and Booklets

English

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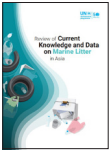
### **Listening to Cities: From Noisy Environments to Positive Soundscapes - Frontiers 2022 Report: Emerging Issues of Environmental Concern Chapter 1**

Sounds are complex physical phenomena originating in the vibration from a source that propagates energy into a medium as an acoustic wave. Sounds happen continuously and are everywhere: there is no such thing as 'silence' on the planet.

<https://wedocs.unep.org/20.500.11822/38060>

**Type:** Chapters and Articles  
English

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### **Review of Current Knowledge and Data on Marine Litter in Asia**

This study aims to provide a science-based review of the current knowledge and data available on marine litter in the coastal countries of South Asia, North East Asia and South-East Asia. A qualitative summary of and quantitative data from the latest peer-reviewed scientific publications on marine litter distribution and impacts, its landbased sources, waste management and end-of-life fate pathways are presented, along with a brief analysis of data credibility and data gaps.

<https://wedocs.unep.org/20.500.11822/40132>

**Type:** Reports, Books and Booklets  
English

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### **Strategic Framework for Collaboration on Antimicrobial Resistance - Together for One Health**

This document describes the comparative advantage and catalytic role of the four organizations in the One Health response to AMR in support of efforts by their Members, civil society, the private sector and other stakeholders; and presents a theory of change including the goals, objectives, desired impact at country level, intermediate outcomes and related Tripartite and UNEP functions.

<https://wedocs.unep.org/20.500.11822/39711>

**Type:** Briefs, Summaries, Policies and Strategies  
English

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### **Study on Industry Involvement in the Integrated Approach to Financing the Sound Management of Chemicals and Waste - April 2022**

The objective of the present study is to provide clarity with respect to the activities that could be undertaken, at various levels, to implement the industry involvement component of the integrated approach. The study also seeks to elaborate on the possibilities for monitoring industry involvement in conjunction with the framework/instrument for the sound management of chemicals and waste beyond 2020, with a view to increasing international accountability in relation to industry involvement.

<https://wedocs.unep.org/20.500.11822/40069>

**Type:** Reports, Books and Booklets  
English

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### **Synthesis Report on the Environmental and Health Impacts of Pesticides and Fertilizers and Ways to Minimize Them: Envisioning a Chemical-safe World**

This report presents a comprehensive review of available information on environmental and health effects and their potential impacts. The overall goal of the report is to provide a review of the information base and update the current knowledge to enable other advocacy actions to be taken by stakeholders to minimize the adverse impacts of pesticides and fertilizers.

<https://wedocs.unep.org/20.500.11822/38409>

**Type:** Reports, Books and Booklets  
English

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### **Transforming Tourism in the Pan-European Region for a Resilient and Sustainable Post-COVID World**

This report aims to describe the changes brought to the tourism sector by the pandemic, as well as opportunities, challenges, and recommended measures for mainstreaming sustainable tourism.

<https://wedocs.unep.org/20.500.11822/39782>

**Type:** Reports, Books and Booklets  
English

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# Climate Action

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## **A Scientific Assessment of the Third Pole Environment**

This report has been developed to consider the complexities of environmental changes and their impacts. It has been built on the principals of the IPCC and IPBES. This assessment report has used climate, water body, ecosystem and human impacts to quantify the environmental changes in the TP.

<https://wedocs.unep.org/20.500.11822/39757>

**Type:** Reports, Books and Booklets  
English

<https://wedocs.unep.org/20.500.11822/39758>

**Type:** Briefs, Summaries, Policies and Strategies  
English; Arabic; Chinese; French; Russian; Spanish

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## **Phenology: Climate Change is Shifting the Rhythm of Nature - Frontiers 2022 Report: Emerging Issues of Environmental Concern Chapter 3**

Phenological mismatches have been detected through detailed studies on reproduction, pollination, survival and migration across a wide range of species (Renner and Zohner 2018; Ramaswami et al. 2019, Visser and Gienappe 2019).

<https://wedocs.unep.org/20.500.11822/38062>

**Type:** Chapters and Articles  
English

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## **The shrinking Arctic Sea Ice - Foresight Brief No. 028 February 2022**

The Arctic is a remote and sparsely inhabited area. It is connected to the rest of the world by our climate system, the atmosphere surrounding our Earth and by global ocean currents. Since satellite measurements started 40 years ago, about half of the sea ice area in the Arctic has been lost.

<https://wedocs.unep.org/20.500.11822/38414>

**Type:** Briefs, Summaries, Policies and Strategies  
English

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## **Wildfires under Climate Change: A Burning Issue - Frontiers 2022 Report: Emerging Issues of Environmental Concern Chapter 2**

Wildfires are a natural feature of the Earth system, necessary for the functioning of many ecosystems. Interactions between vegetation and climate over extended periods establish a particular pattern of wildfire recurrence in a defined ecosystem, known as its fire regime.

<https://wedocs.unep.org/20.500.11822/38061>

**Type:** Chapters and Articles  
English

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# Digital Transformations

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## Action Plan for a Sustainable Planet in the Digital Age

Digitalization has enormous potential to support progress towards sustainability. Three fundamental shifts are needed: 1. Enable Alignment; 2. Mitigate Negative Impact; and 3. Accelerate Innovation. CODES will contribute to these fundamental shifts.

<https://wedocs.unep.org/20.500.11822/38482>

**Type:** Briefs, Summaries, Policies and Strategies  
English

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## Action Plan for a Sustainable Planet in the Digital Age - Executive Summary

Digitalization has enormous potential to support progress towards sustainability. Three fundamental shifts are needed: 1. Enable Alignment; 2. Mitigate Negative Impact; and 3. Accelerate Innovation. CODES will contribute to these fundamental shifts.

<https://wedocs.unep.org/20.500.11822/40099>

**Type:** Briefs, Summaries, Policies and Strategies  
English

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## Playing for the Planet: Annual Impact Report 2021

The Playing for the Planet Alliance was created to support the video gaming industry to achieve the following core objectives: 1. To rally the industry to reduce its carbon footprint and to ensure it has the tools to measure, reduce, and set targets to decarbonise. 2. To inspire environmental action through green activations in games. 3. To share the learnings of the initiative so that others within the industry can follow suit. 4. To explore new strategies for the future around new games and approaches to storytelling.

<https://wedocs.unep.org/20.500.11822/38083>

**Type:** Reports, Books and Booklets  
English

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# Environmental Governance

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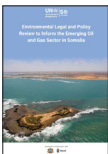
## **COVID19 and Impacts on Environmental Human Rights Defenders and Environmental Protection in Southeast Asia**

This report examines the positive and negative impacts of the decrees, laws and other government policies on environmental rights that were either enacted in response to COVID-19 or passed during the pandemic. This rapid assessment covers the implications of these new rules and laws for Southeast Asian countries' environmental protection measures and for EHRDs.

<https://wedocs.unep.org/20.500.11822/39602>

**Type:** Reports, Books and Booklets  
English

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## **Environmental Legal and Policy Review to Inform the Emerging Oil and Gas Sector in Somalia**

The overall aim of the legal and policy review is to establish a high-level, strategic understanding of the current policy, legal and regulatory frameworks in Somalia. It aims to provide guidance and recommendations on strengthening environmental governance in its emerging oil and gas sector.

<https://wedocs.unep.org/20.500.11822/39720>

**Type:** Reports, Books and Booklets  
English

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## **Environmental Rights for Journalists: A Guidebook on Best Practices**

This guidebook presents background, information and examples of good practices, related to the work of environmental defenders, collected during listening activities, knowledge sharing and interviews.

<https://wedocs.unep.org/20.500.11822/38903>

**Type:** Manuals, Guides and Toolkits  
English; Spanish; Portuguese

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## **Green Customs Guide to Multilateral Environmental Agreements**

This guide is intended to help customs and border control officers in ensuring implementation of national legislation, transposing the agreements under the Green Customs Initiative (GCI), and thus promoting national compliance with those agreements.

<https://wedocs.unep.org/20.500.11822/39706>

**Type:** Manuals, Guides and Toolkits  
English; French; Spanish

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# Finance and Economic Transformations

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## Advancing Green Cooling through Sustainable Public Procurement

Advancing Green Cooling through Sustainable Public Procurement' provides an approach and insights for integrating sustainability in the public procurement practices. Case studies of programs, initiatives and pilots in the buildings and space cooling sector are especially relevant to countries embarking on the sustainable public procurement journey.

<https://wedocs.unep.org/20.500.11822/37974>

Type: Reports, Books and Booklets

English

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## Blockchain for Sustainable Energy and Climate in the Global South: Use Cases and Opportunities

This report aims to provide a clearer understanding of blockchain solutions in addressing energy and climate mitigation issues, with a focus on low- to middle-income countries.

<https://wedocs.unep.org/20.500.11822/38048>

Type: Reports, Books and Booklets

English

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## Enabling Sustainable Lifestyles in a Climate Emergency

These guidelines for policy makers apply a lifestyles perspective to the sustainability challenge, using climate change as a focal point and providing policy direction to how the remaining carbon budget can be fairly allocated in order for people to meet their wellbeing needs in a sustainable and equitable manner. These guidelines are based on, and use data and analyses from the report 1.5-Degree Lifestyles.

<https://wedocs.unep.org/20.500.11822/39972>

Type: Briefs, Summaries, Policies and Strategies

English

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## Harmful Marine Extractives: Understanding the Risks & Impacts of Financing Non-renewable Extractive Industries - Deep-Sea Mining

This briefing paper discusses the potential risks associated with plans to mine the deep seabed of minerals, and how financial institutions should respond to the deep-sea mining sector.

<https://wedocs.unep.org/20.500.11822/40147>

Type: Reports, Books and Booklets

English

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## Harmful Marine Extractives: Understanding the Risks & Impacts of Financing Non-renewable Extractive Industries - Dredging & Marine Aggregate Extraction

This briefing discusses the potential risks associated with dredging and the extraction of marine aggregates, and how financial institutions should engage with and respond to this sector.

<https://wedocs.unep.org/20.500.11822/40148>

Type: Reports, Books and Booklets

English

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### **Harmful Marine Extractives: Understanding the Risks & Impacts of Financing Non-renewable Extractive Industries - Offshore Oil & Gas**

This briefing paper discusses the potential risks associated with the exploration and production of offshore petroleum resources (oil and gas), and how financial institutions should engage with and respond to this sector. The briefing paper aims to provide an initial framework for this broad variety of institutions to consider how sustainability impacts and risks specific to harmful and non-renewable marine extractives manifest within their own portfolios.

<https://wedocs.unep.org/20.500.11822/40149>

**Type:** Reports, Books and Booklets  
English



### **International Good Practice Principles for Sustainable Infrastructure: Integrated, Systems-level Approaches for Policymakers - Second Edition**

The International Good Practice Principles for Sustainable Infrastructure are intended to provide guidance for global use on the integration of sustainability throughout the entire infrastructure life cycle, with the focus “upstream” of the project level. It aims to assist high-level policy- and decision- makers in governments in creating the enabling environment for sustainable infrastructure that is needed to achieve the Sustainable Development Goals (SDGs) and the objectives of the Paris Climate Agreement, while respecting existing international conventions and internationally agreed standards.

<https://wedocs.unep.org/20.500.11822/39811>

**Type:** Reports, Books and Booklets  
English; Chinese



### **Rotulagem Ambiental Tipo I do café brasileiro para uma economia de baixo carbono: Manual operacional para obtenção do rótulo ecológico**

Os objetivos: • Colaborar para o entendimento dos critérios estabelecidos pela ABNT, para obtenção da rotulagem ambiental tipo I; • Elucidar as etapas para aquisição do rótulo ecológico tipo I, sob as diretrizes do procedimento específico criado para o setor de café e chá no Brasil; • Contribuir para as discussões sobre práticas de boa conduta socioambiental no sistema produtivo brasileiro, visando a diminuição de impactos ambientais.

<https://wedocs.unep.org/20.500.11822/39916>

**Type:** Manuals, Guides and Toolkits  
Portuguese



### **Sand and Sustainability: 10 Strategic Recommendations to Avert a Crisis**

This report therefore consolidates the expertise in sand and sustainability from different sectors to bring attention to the impacts from the current state of extraction, use and (mis)management, putting forward 10 recommendations for actions to set the global sand agenda in addressing environmental sustainability needs alongside justice, equity, technical, economic, and political considerations.

<https://wedocs.unep.org/20.500.11822/38362>

**Type:** Reports, Books and Booklets  
English



### **Single-Use Face Masks and their Alternatives: Recommendations from Life Cycle Assessments**

This study by UNEP and the Life Cycle Initiative, reviews five scientific Life Cycle Assessments (LCA) on face-masks to draw conclusions on which among the available alternatives, single-use or reusable, have the lowest environmental impacts, along their life cycle – from extraction of raw materials, to their end of life.

<https://wedocs.unep.org/20.500.11822/40121>

**Type:** Reports, Books and Booklets  
English



### **The State of Finance for Nature in the G20: Leading by Example to Close the Investment Gap**

The State of Finance for Nature in the G20’ report attempts to capture the complete amount and future need for G20 country spending on nature-based solutions assets and activities.

<https://wedocs.unep.org/20.500.11822/37919>

**Type:** Reports, Books and Booklets  
English



### **Urban Agriculture's Potential to Advance Multiple Sustainability Goals - An International Resource Panel Think Piece**

This Think Piece evaluates to what extent, and in which conditions, urban agriculture can enhance the sustainability of urban-rural food systems and promote a circular economy in cities.

<https://wedocs.unep.org/20.500.11822/38398>

**Type:** Reports, Books and Booklets  
English

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### **Urban Agriculture's Potential to Advance Multiple Sustainability Goals - Policy Guidance from the International Resource Panel**

This policy guidance serves two purposes: • To highlight key features of urban agriculture taking an urban-rural systems perspective, drawing on a synthesis literature review across regions of the world to address urban agriculture's potential to advance multiple sustainability outcomes. • To develop a road map for designing "fit-for purpose" urban agriculture policies, taking a systems perspective to respond to different drivers and policy objectives, addressing multiple sustainability goals related to nutritional equity, environmental sustainability, economic development, and community health and well-being.

<https://wedocs.unep.org/20.500.11822/38399>

**Type:** Briefs, Summaries, Policies and Strategies  
English

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# Nature Action



## Contributions of Regional Seas Conventions and Action Plans to a Healthy Ocean

The present report highlights the significant role of regional seas conventions and action plans (hereafter “regional seas”) in supporting contracting parties to deliver directly on Goal 14 (and indirectly on Goals 1, 2, 5, 12, 13 and 17). Case studies are presented in further detail in a supplement to show how, through cooperation and collaboration, regional seas have helped advance progress towards a healthy marine and coastal environment for people and the planet.

<https://wedocs.unep.org/20.500.11822/38622>

**Type:** Reports, Books and Booklets  
English



## Diving Deep: Finance, Ocean Pollution and Coastal Resilience

The Principles provide a framework to inform financial decisions relating to the sustainable blue economy. If widely adopted, the Principles can help to transform how the ocean’s assets are used and managed to secure healthy and resilient ecosystems, assuring future environmental, social and economic resilience while advancing nature-based solutions. However, it is critical that further sector-specific guidance, tools and metrics are provided to give financial institutions the resources they need to adopt and implement the Principles and have tangible positive impacts on the transition to a sustainable blue economy and ocean health.

<https://wedocs.unep.org/20.500.11822/38498>

**Type:** Reports, Books and Booklets  
English



## Mainstreaming Biodiversity into Government Decision-Making: A Practical Context Analysis Guide to Improve Understanding and Strategy for the Political Challenge of Integrating Biodiversity Information

The guide offers an iterative four-stage approach to understanding the all-important political, institutional and stakeholder context in which decisions are made. Armed with the resulting ‘context analysis’, readers will be able to create a much more effective information strategy – offering the right biodiversity information to the right decision-making processes, in the right forms, at the right times.

<https://wedocs.unep.org/20.500.11822/38011>

**Type:** Manuals, Guides and Toolkits  
English



## Spreading like Wildfire: The Rising Threat of Extraordinary Landscape Fires - A Rapid Response Assessment

This Rapid Response Assessment (RRA) focuses on the apparent increase in the occurrence, extent, duration, and consequences of wildfires – unusual or extraordinary free-burning vegetation fires. The RRA considers the changing patterns of wildfires around the world, their impact on people and the environment, and options for mitigating risk and improving our response.

<https://wedocs.unep.org/20.500.11822/38372>

**Type:** Reports, Books and Booklets  
English



## The Global Environment Monitoring System for the Ocean and Coasts - Strategy Brochure

This document outlines a strategy to guide the operations and workplan development of the newly established Global Environment Monitoring System for the Ocean and Coasts (GEMS Ocean) Programme. The strategy provides direction and sets priorities for the GEMS Ocean Programme.

<https://wedocs.unep.org/20.500.11822/40153>

**Type:** Briefs, Summaries, Policies and Strategies  
English



## UNEP in 2021: Planetary Action: Climate, Nature, Chemicals & Pollution [Annual Report]

2021 was a year in which environmental issues reached an unprecedented prominence on the global stage.

<https://wedocs.unep.org/20.500.11822/37946>

**Type:** Reports, Books and Booklets  
English; Arabic; Chinese; French; Russian; Spanish; Portuguese; Swahili

# Programme Planning and Reporting

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## **MTS infographic: For People and Planet - The United Nations Environment Programme Strategy for Tackling Climate Change, Biodiversity and Nature Loss, and Pollution and Waste from 2022–2025**

The Medium-Term Strategy outlines the contribution of UNEP to the 2030 Agenda and the decade of action during the period 2022–2025, with a 2050 outlook on planetary sustainability for people, prosperity and equity.

<https://wedocs.unep.org/20.500.11822/38041>

**Type:** Factsheets, Infographics and Brochures  
English

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## **Programme Performance Report 2020-2021 - (Advance Unedited Version)**

This 2020- 2021 Programme Performance Report is a companion to the 2020 and 2021 UNEP Annual Reports. In this report, UNEP’s achievements during the two years of the 2020-2021 Programme of Work (PoW) are presented in greater detail, under the seven subprogrammes of: Climate Change, Resilience to Disasters and Conflicts, Healthy and Productive Ecosystems, Environmental Governance, Chemicals, Waste and Air Quality, Resource Efficiency, and Environment Under Review.

<https://wedocs.unep.org/20.500.11822/40168>

**Type:** Programme Planning and Reporting  
English

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## **UNEP Programme of Work and Budget for 2022-2023**

<https://wedocs.unep.org/20.500.11822/38096>

**Type:** Reports, Books and Booklets  
English

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# Science-Policy

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## **Reflecting on the Past and Imagining the Future: A contribution to the dialogue on the Science-Policy Interface**

This paper outlines UNEP's role in the Science-Policy Interface, reflects on past successes and considers the challenges ahead. It also explores how UNEP's work can be strengthened in the science-policy field in the medium to longer term.

<https://wedocs.unep.org/20.500.11822/38118>

**Type:** Reports, Books and Booklets  
English; French; Russian; Spanish

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## **UNEP Publications July-December 2021**

This is a compilation featuring a selection of publications and reports produced by UNEP from July to December 2021

<https://wedocs.unep.org/20.500.11822/38269>

**Type:** Manuals, Guides and Toolkits  
English

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