

Climate Change, KM-GBF & CMS

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Together for Nature



Kunming Montreal Global Biodiversity Framework

Target 8

Minimize the impact of climate change and ocean acidification on biodiversity and increase its resilience through mitigation, adaptation, and disaster risk reduction actions, including through nature-based solution and/or ecosystem based approaches, while minimizing negative and fostering positive impacts of climate action on biodiversity

Strategic Plan for Migratory Species

- **Resolution 14.1** [cms_cop14_res.14.1_samarkand-spms-2024-2032_e.pdf](#)
- **Target 3.4.** By 2032, the impact of climate change on migratory species and their habitats is reduced through mitigation and adaptation, including through nature based solutions and/or ecosystem-based approaches and disaster risk reduction actions, while minimizing negative and fostering positive impacts on biodiversity
- **Explanation:** Actions to eliminate or mitigate the negative impacts of climate change on migratory species are identified. This also includes the research and promotion of conservation and management tools applied to migratory species and the ecosystem services they provide, such as the enhancement of mitigation and adaptation against climate change

KM-GBF Monitoring Framework

[cop-16-l-26-en.docx](#)

- *Headline or binary indicator*
 - 8.b Number of countries with policies to minimize the impact of climate change and ocean acidification on biodiversity and to minimize negative and foster positive impacts of climate action on biodiversity (Indicator has 9 questions)
- *Optional disaggregations*
 - B.1 disaggregation: Total climate regulation services provided by ecosystems and by ecosystem type
- *Component indicators*
 - Number of countries that adopt and implement national disaster risk reduction strategies in line with the Sendai Framework for Disaster Risk Reduction 2015–2030 (Sustainable Development Goal indicator 1.5.3), which include biodiversity
 - Bioclimatic Ecosystem Resilience Index
- *Complementary indicators*
 - Above-ground biomass stock in forest (tons/ha)
 - National greenhouse gas inventories from land use, land-use change and forestry
 - Proportion of local governments that adopt and implement local disaster risk reduction strategies in line with national disaster risk reduction strategies (Sustainable Development Goal indicator 1.5.4)
 - Index of coastal eutrophication (Sustainable Development Goal indicator 14.1.1(a))
 - Average marine acidity (pH) measured at agreed suite of representative sampling stations (Sustainable Development Goal indicator 14.3.1)

CBD

- Decision 16/22 ([cop-16-dec-22-en.docx](#); 20 operational paragraphs)
 - OP11: Stresses the importance of national focal points for the Convention on Biological Diversity engaging with their counterparts for the United Nations Framework Convention on Climate Change and biodiversity-relevant conventions and of enhancing collaboration among Parties to those conventions to raise awareness of relevant interlinkages between biodiversity and climate change so as to support relevant national planning processes, in line with national commitments, circumstances and priorities, as appropriate
 - OP14: Requests the Executive Secretary, including when supporting activities undertaken under the United Nations Decade on Ecosystem Restoration, to promote synergies and closer cooperation with the biodiversity-relevant multilateral environmental agreements, organizations and processes, and integrated approaches to addressing biodiversity loss, climate change and land and ocean degradation;

CBD

- Decision 16/22 ([cop-16-dec-22-en.docx](#); 20 operational paragraphs)
 - OP6: *Reaffirms* decision [IX/16](#) C on ocean fertilization, paragraph 8 (w) of decision [X/33](#) on biodiversity and climate change and decisions [XI/20](#) and [XIII/14](#) of 9 December 2016 on climate-related geoengineering, and urges Parties, and encourages other Governments, to ensure their implementation
- CBD Technical Series #93 [Voluntary guidelines for the design and effective implementation of EbA to climate change adaptation and disaster risk reduction and supplementary information](#)

IPBES

- [Rolling work programme to 2030](#)

- Deliverable 1 (b): A technical paper on the interlinkage between biodiversity and climate change. The technical paper will address potential synergies such as nature-based solutions and trade-offs between efforts that aim to conserve, restore and sustainably use biodiversity and efforts that support climate change adaptation and mitigation. It will draw on the material contained in the assessment reports of the Intergovernmental Panel on Climate Change and IPBES;
- [Workshop](#) June 2021
- Further workshop agreed at IPBES Plenary 11

- **Nexus Assessment**

- **a thematic assessment of the interlinkages among biodiversity, water, food and health (nexus assessment)**, to examine the interlinkages among the sustainable development goals related to **food** and **water** security, **health** for all, protecting **biodiversity** on land and in the oceans and combating **climate change**
- [IPBES Nexus Assessment: Summary for Policymakers](#)

IPCC

Sixth Assessment Report

Hoesung Lee and others, eds., *Climate Change 2023: Synthesis Report – Contribution of Working Groups I, II and III to the Sixth Assessment Report of the Intergovernmental Panel on Climate Change* (Geneva, Intergovernmental Panel on Climate Change, 2023)

[AR6 Synthesis Report: Climate Change 2023 — IPCC](#)

The Synthesis Report is based on the content of the three Working Groups Assessment Reports: [WGI – The Physical Science Basis](#), [WGII – Impacts, Adaptation and Vulnerability](#), [WGIII – Mitigation of Climate Change](#), and the three Special Reports: [Global Warming of 1.5°C](#), [Climate Change and Land](#), [The Ocean and Cryosphere in a Changing Climate](#)

CMS and Climate Change

CMS Resolution 12.21 (Rev. COP14)

[cms_cop14_res.12.21_rev.cop14_climate-change-and-migratory-species_e_0.pdf](#)

- Streamlined Resolution (now has 19 Preambular & 16 Operational paragraphs)
- Amended Annex 1: *Advice to Parties and other stakeholders on priority actions to address the issues migratory species face as a result of climate change*
- Added Annex 2: *Decision framework to provide guidance to parties on implementation of paragraph 10 of resolution 12.21 (Rev. Cop14)*
- Agreed: *Decisions 14.211 – 14.215*

Questions?



Target 8: Minimize the impact of climate change and ocean acidification on biodiversity and increase its resilience through mitigation, adaptation, and disaster risk reduction actions, including through nature-based solutions and/or ecosystem-based approaches, while minimizing negative and fostering positive impacts of climate action on biodiversity.

Indicator text: Number of countries with policies to minimize the impact of climate change and ocean acidification on biodiversity and to minimize negative and foster positive impacts of climate action on biodiversity.

<p>8.1 Does your country's national biodiversity strategy and action plan include actions to prevent or minimize the impacts of the following (select all that apply):</p>	<ul style="list-style-type: none"> (a) Climate change (b) Ocean acidification (c) None of the above
<p>8.2 Do your country's climate change policies address the impacts of climate change on biodiversity?</p>	<ul style="list-style-type: none"> (a) No (b) Under development (c) Partially (d) Fully
<p>8.3 Do your country's other policies address the impacts of climate change on biodiversity?</p>	<ul style="list-style-type: none"> (a) No (b) Under development (c) Partially (d) Fully
<p>8.4 Do your country's other policies address the impacts of ocean acidification on biodiversity?</p>	<ul style="list-style-type: none"> (a) No (b) Under development (c) Partially

8.5 Are the impacts of climate change on biodiversity monitored and reported on?	(a) No (b) Under development (c) Partially (d) Fully
8.6 Are the impact of ocean acidification on biodiversity monitored and reported on?	(a) No (b) Under development (c) Partially (d) Fully
8.7 Do your country's policies or action plans on the impact of climate change and ocean acidification contain the following types of actions designed to increase biodiversity resilience or reduce impacts (select all that apply):	(a) Mitigation (b) Adaptation (c) Disaster risk reduction (d) Nature-based solutions and/or ecosystem-based approaches (e) Policies to minimize negative and foster positive impacts of climate action on biodiversity (f) Other (g) None of the above
8.8 Are measures included in your country's policies or actions plans to minimize the negative impacts of climate actions on biodiversity?	(a) No (b) Under development (c) Partially (d) Fully
8.9 Are measures included in your country's policies or actions plans to foster positive impacts of climate actions on biodiversity?	(a) No (b) Under development (c) Partially (d) Fully