

Kunming-Montreal Global Biodiversity Framework

Seventh meeting of the Global network of basins
working on climate change adaptation

Monica Kobayashi – May 2023



Convention on
Biological Diversity



2020 UN BIODIVERSITY CONFERENCE

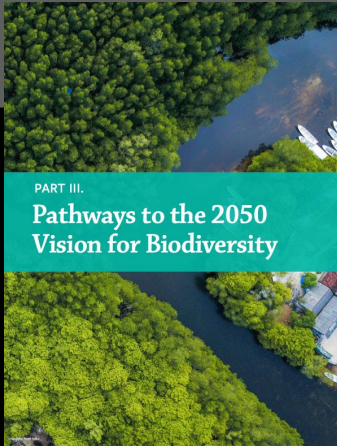
COP 15 - CP/MOP10-NP/MOP4

Ecological Civilization-Building a Shared Future for All Life on Earth

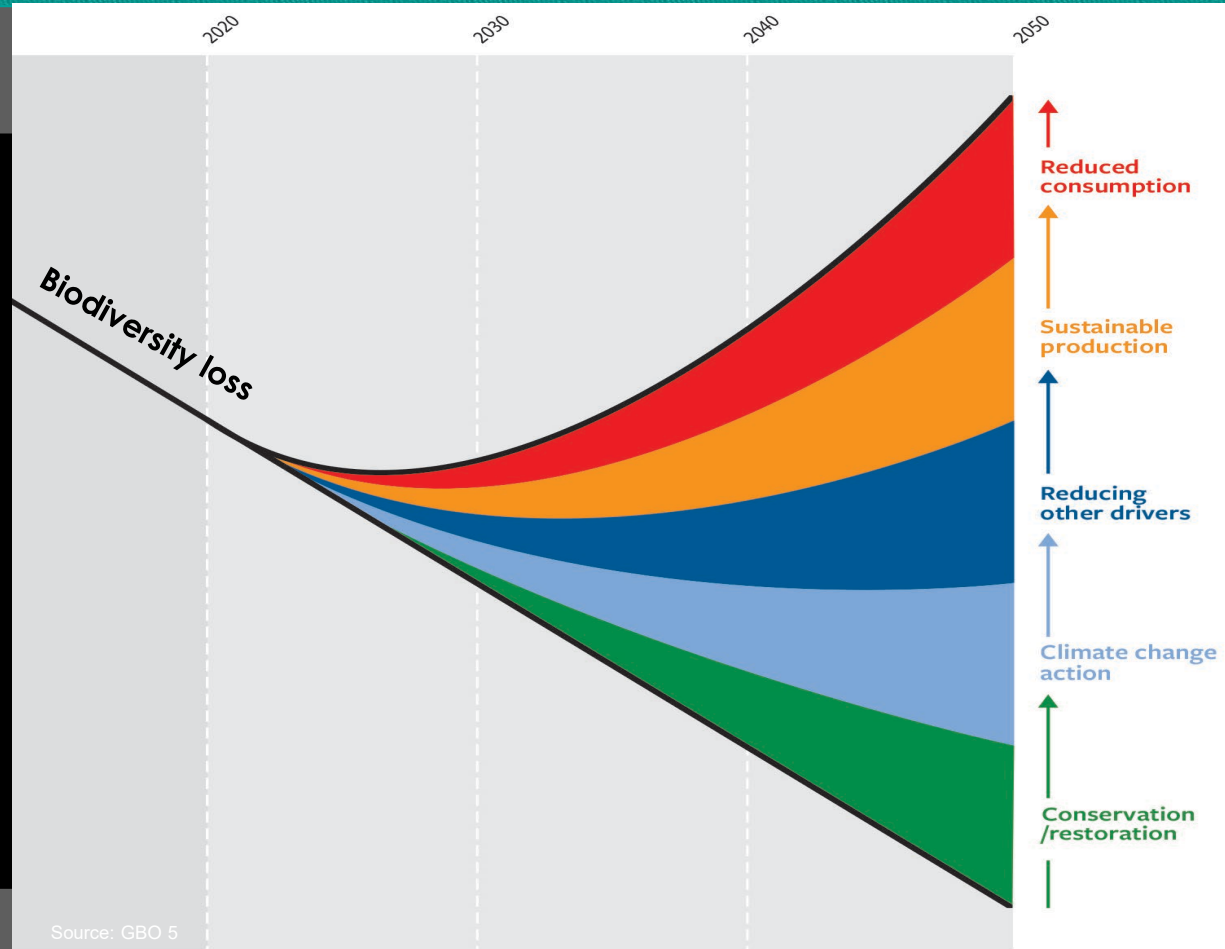
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Global Biodiversity Outlook 5 (GBO5)



Putting nature on a path to recovery, towards the 2050 Vision requires transformative change through a portfolio of actions



Vision

A world of living in harmony with nature

where: “By 2050, biodiversity is valued, conserved, restored and wisely used, maintaining ecosystem services, sustaining a healthy planet and delivering benefits essential for all people.”

In this presentation, all the photos are from Microsoft Stock Image

To take urgent action to halt and reverse biodiversity loss to put nature on a path to recovery by 2030 for the benefit of people and planet by conserving and sustainably using biodiversity and ensuring the fair and equitable sharing of benefits from the use of genetic resources, while providing the necessary means of implementation

Mission



Goal A

Ecosystems maintained, enhanced, or restored, extinctions are halted, and genetic diversity of wild and domesticated species is maintained

Goal B

Biodiversity is sustainably used and its contributions to people are maintained, enhanced or restored

Goal C

Benefits from the use of genetic resources are shared and sustainably increased

Goal D

The biodiversity funding gap of 700 billion USD is closed by ensuring adequate means of implementation are available.

Global Goals 2030-2050





Global Targets for 2030:

Action to be *initiated now* –
to achieve *results in 2030*

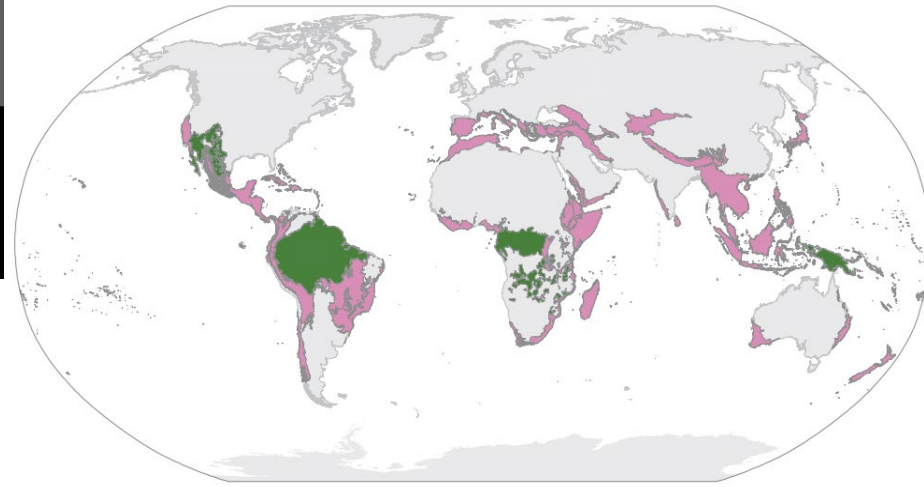


Linkages: transboundary basins, biodiversity and CC



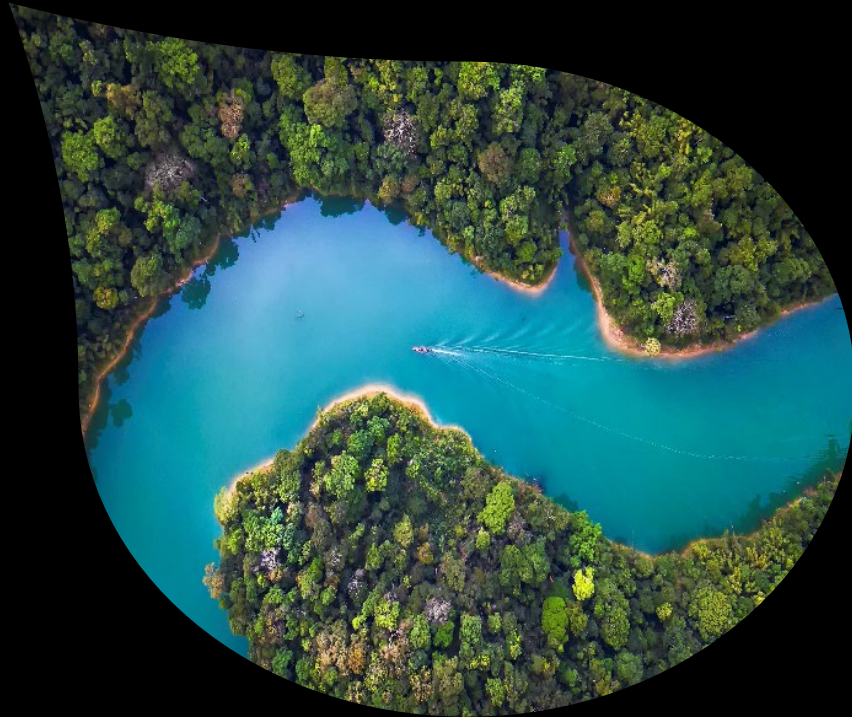
Transboundary basins and biodiversity hotspots

Global network of basins working on CC adaptation (2013)
Transboundary basins and aquifers



■ Biodiversity hotspots ■ High-biodiversity wilderness areas

IUCN Terrestrial Biodiversity and the World Heritage List (2013)
 Figure 3.6 Biodiversity hotspots (35 areas that hold $\geq 0.5\%$ of the world's plants as endemics and have already lost $\geq 70\%$ of their primary vegetation) and high-biodiversity wilderness areas (five areas that hold $\geq 0.5\%$ of the world's plants as endemics, retain $\geq 70\%$ of their primary vegetation and are sparsely populated) of the world (Mittermeier et al. 2002 and 2004, Williams et al. 2011)



Targets relevant to the transboundary water & biodiversity

T.1. All areas are under **participatory** and **effective management** process (e.g. spatial planning)

T.2. At least 30% of areas of degraded terrestrial, **inland water**, and coastal and marine ecosystems are under effective **restoration**

T.3. 30% of terrestrial and **inland water**, and of coastal and marine areas are effectively **conserved** through protected areas or other effective area-based measures



T.5. Use, harvesting, and trade of **wild species** is sustainable and safe and legal

T.6. Reduce impacts of **invasive alien species**, reducing rates of introduction and establishment by 50%

T.7. **Pollution** reduced, i.a. halving nutrient loss and pesticide risk



T.8. The impacts of **climate change** are minimized and resiliency is increased

T.10. Areas **under agriculture, aquaculture, fisheries and forestry** are managed sustainably

T. 22. Decision making is **participatory, inclusive**, representative and gender responsive and rights are respected



The Way Forward & Takeaway Message



[Kunming-Montreal Global Biodiversity Framework](#)

(CBD website)

[2030 Targets](#) (Guidance)

[CBD COP Decision 15/4](#)

(Kunming-Montreal Global Biodiversity Framework)

[Global Biodiversity Outlook 5 \(GBO5\)](#)

[Peace and Biodiversity Dialogue Initiative \(PBDI\)](#)

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Thank you!



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