



World Environment Day 2023

Biodiversity & Conservation

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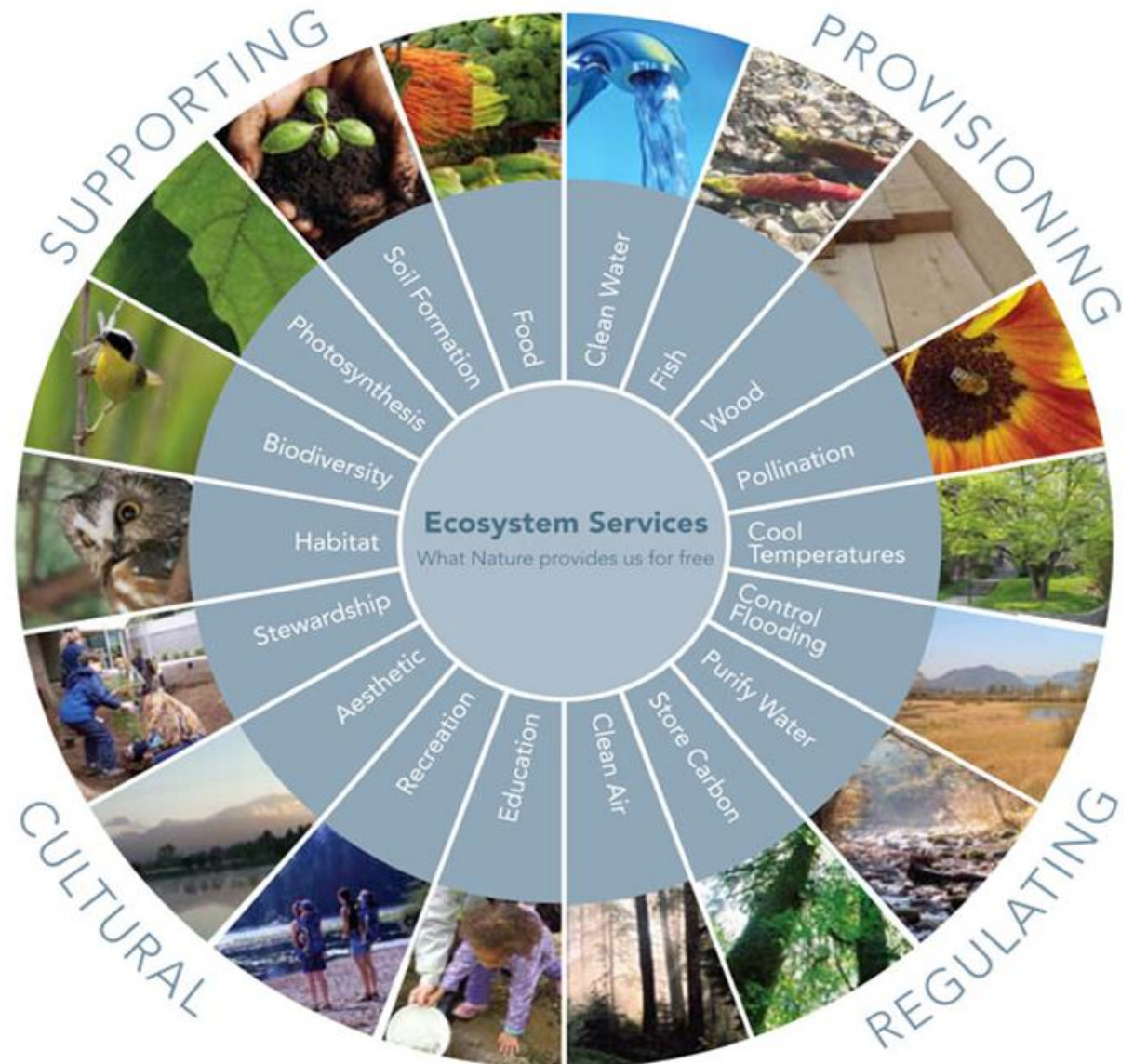


Kunming-Montreal
GLOBAL
BIODIVERSITY
Framework



Why does biodiversity matter?

- **One million** plant and animal species threatened with extinction
- **Biodiversity is the foundation of healthy resilient ecosystems**



Biodiversity for Food

- Pollinators are responsible for supporting the production of **87 of the leading food crops worldwide**
- Our global food system is the primary driver of biodiversity loss threatening **86% of species at risk of extinction**





Biodiversity for Health

- **Exposure to nature** reduces our blood pressure, our stress levels; enhances children's cognitive development
- Intact natural habitat helps prevent **zoonosis**
- **~ 4 billion people** rely primarily on natural medicines for their health care

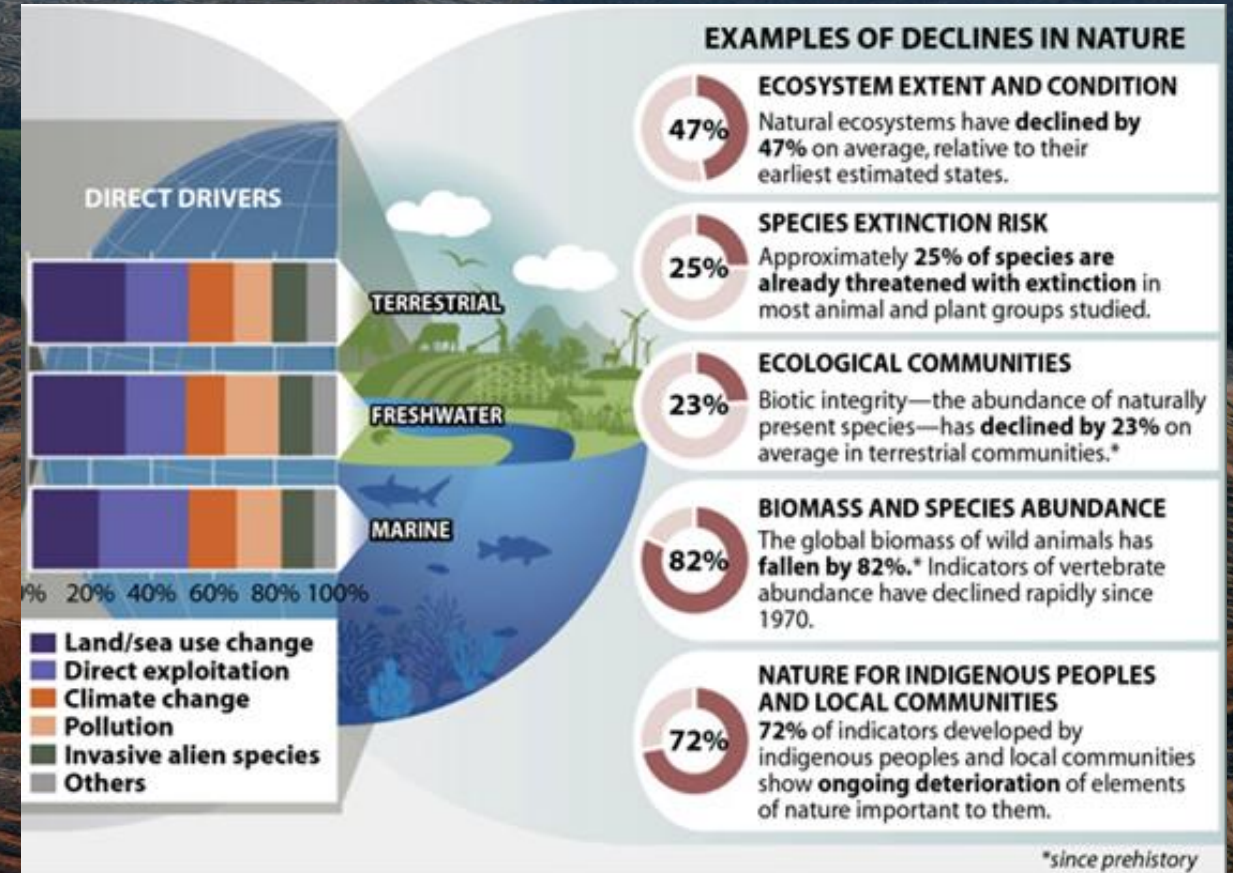
Biodiversity for Economies

- **More than half of global GDP** depends on nature and its services
- **More than 70%** of people living in poverty depend on nature for livelihoods
- Biodiversity loss ranks among the **top global risks to society**



Main drivers of biodiversity loss

- Changes in land and sea use
- Direct exploitation
- Climate change and pollution
- Invasive species



Source: IPBES

World Environment Day

- **Estimated 11 million tonnes of plastic waste flow into the ocean per year**
- **Almost every species group in the ocean has encountered plastic pollution – 90% of seabirds have plastic in their stomachs**
- **#BeatingPlasticPollution requires transformational change**

**From
pollution
to
solution**



**BEAT
PLASTIC
POLLUTION**

**WORLD
ENVIRONMENT
DAY**

UN
environment
programme

**Republic of
Côte d'Ivoire**

Supported by
**Ministry of Infrastructure
and Water Management
of the Netherlands**

Whole of government Whole of society approach!

- Accelerate action across sectors and society
- Four goals to be achieved by 2050
- 23 targets to be achieved by 2030 include:
 - 30% conservation of land and sea
 - 30% restoration of degraded ecosystems
 - Halving the introduction of invasive species
 - Halving nutrient pollution
 - Halving pesticides and hazardous chemicals
 - \$500 billion/year reduction in harmful subsidies
- Now we all need to roll up our sleeves



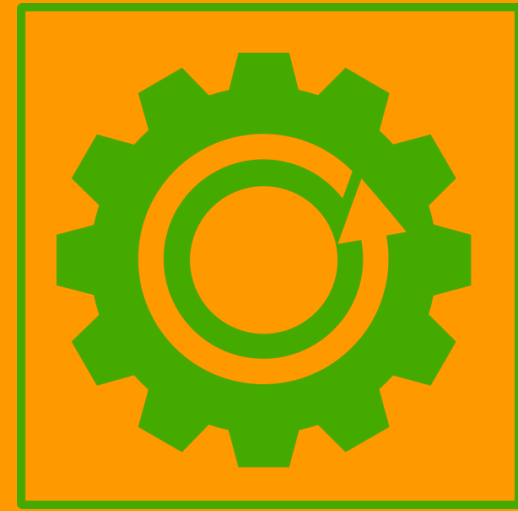
5 key levers:

1. Food system transformation

- Food production is responsible for about **60% of global biodiversity loss**

2. Move away from a linear model to a more circular approach

- A comprehensive circular economy approach could reduce the volume of plastics entering our ocean **by over 80% by 2040**



5 key levers:

3. Massive shifts in financing

By 2030, investments in nature-based solutions will need to at least triple

4. Promote quality as well as quantity in conservation

- Safeguarding and empowering the leadership of Indigenous Peoples and Local Communities
- Ensure fair and equitable sharing of benefits



5 key levers:

5. Conserve and sustainably manage what we have, as well as restore what we've lost

UN Decade on Ecosystem Restoration aims to prevent, halt and reverse the degradation of ecosystems on every continent and in every ocean

We know restoration works!



And, an estimated one thousand, five hundred kilometer stretch of river has been rejuvenated.

We all have a role to play

Next 7 years critical

- Choose what industries we wish to support
- Choose how we consume and throw away
- Choose sustainable diets
- Raise our voices for others to join

The future of humanity depends on our collective efforts.





THANK YOU