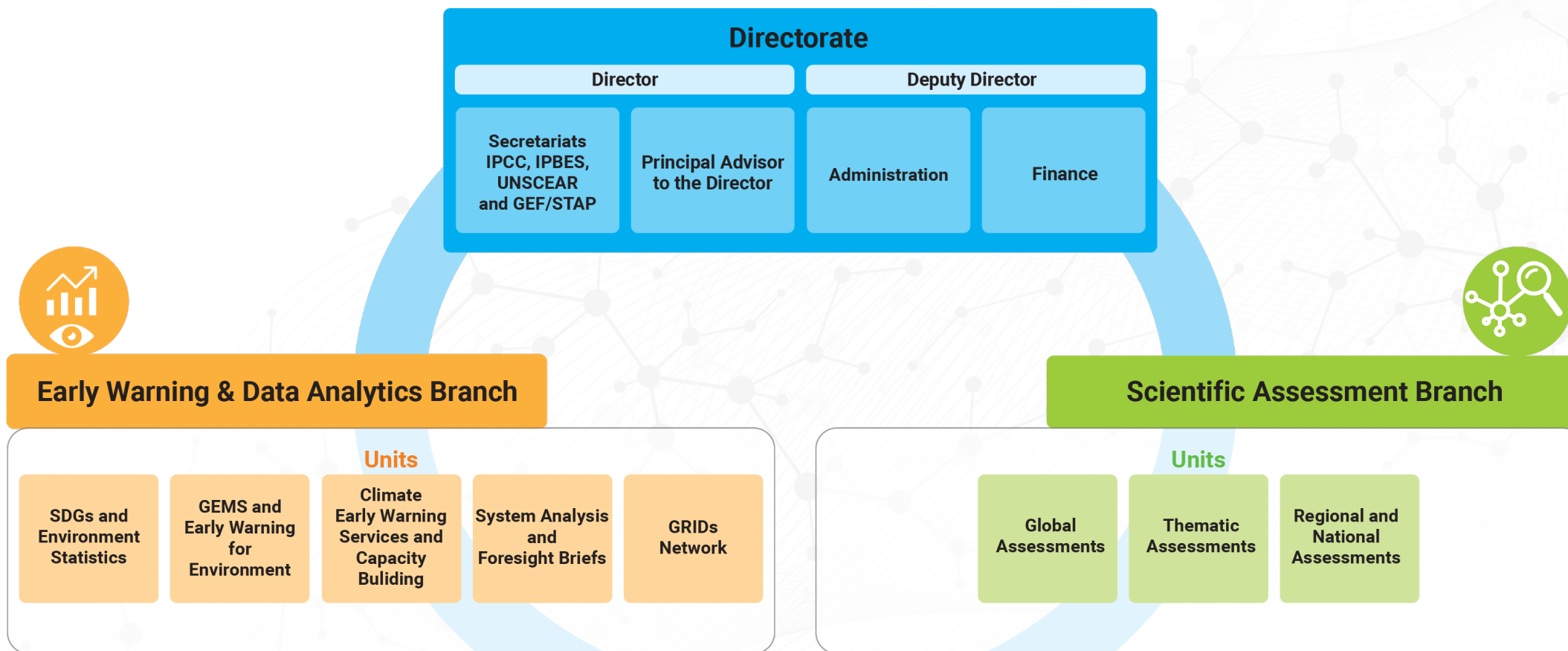


Early Warning and Assessment Division

Delivering Critical Foundational Science

Early Warning and Assessment Division (EWAD) Two Branches Delivering Critical Foundational Science



Thematic and Global Assessments

Emerging Issues of Environmental Concern

Emission Gap Reports

Annual assessment of the gap between estimated greenhouse gas emissions in the future, and the reductions needed to limit global warming to well below 2°C and pursuing 1.5°C in line with the Paris Agreement



A total of 14 reports produced since 2010

Adaptation Gap Reports

Annual assessment of global progress on adaptation planning, finance and implementation

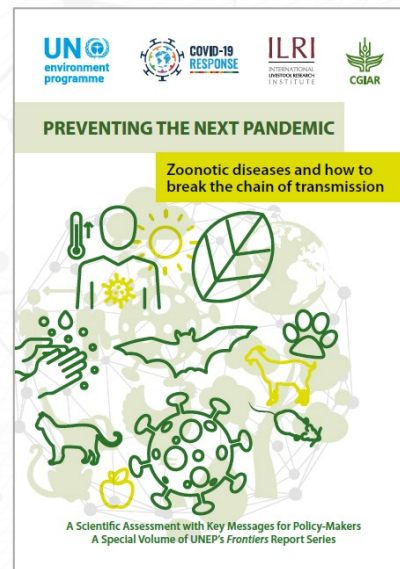
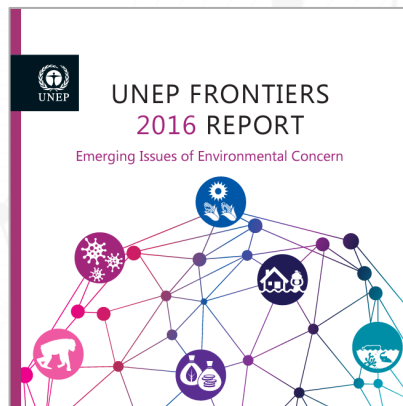


A total of 9 reports produced since 2014

Frontiers Reports Series – UNEP Institutional Series

UNEP Flagship Report

- Highlights emerging issues of environmental concern
- Explains science to a non-technical audience
- Invites scientists around the world to participate as authors and reviewers
- Succinct and visually attractive



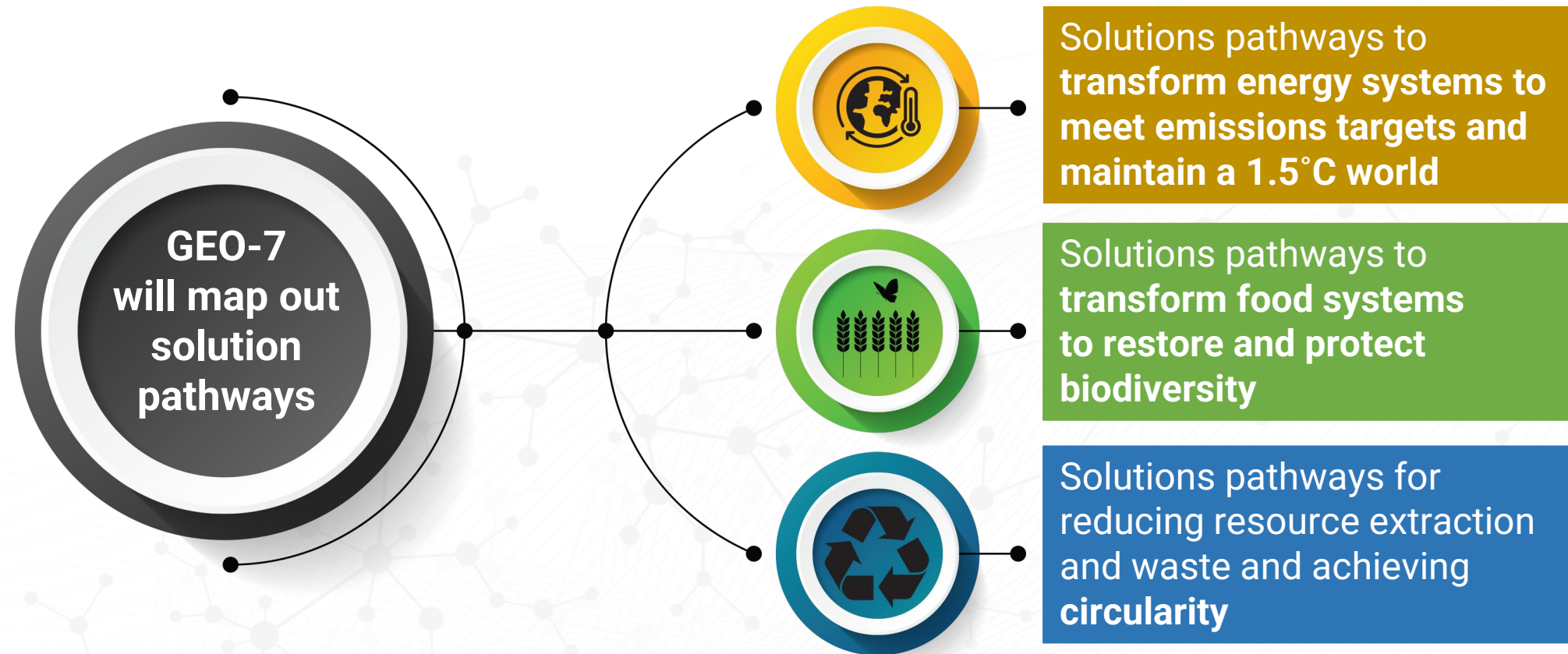
Global Assessments: Global Environment Outlook (GEO-7)

UNEP Flagship Report



- The GEO is an **expert-led integrated environmental assessment**
- **Viewed by MS as the foundation of UNEP's science-policy interface**
- Since 1995 **a total of six GEO reports** have been delivered by UNEP
- Assessment of the **current state of the environment and its direction**
- **Scientifically credible, policy relevant** and **politically legitimate** assessments
- Alerts the world to **how our actions are influencing our planet**
- **Global report process** by UNEP at **regional, national, and local levels**
- **Evaluation of policy effectiveness** in addressing environmental issues
- Provides **projections of future environmental trends**
- Member States adopted **resolution 5/3 on GEO's future** at UNEA-5, March 2022
- Development of the **seventh edition** of the GEO is now well underway (GEO-7)
- GEO-7 will be a **solutions-focused** report
- **First GEO-7 Author's Meeting** in March 2023; **2nd Auth. Meeting** in Jan. 2024
- **GEO-7 will be launched at UNEA-7 in December 2025**

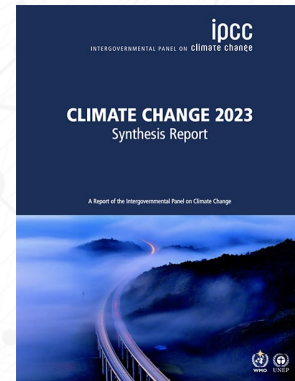
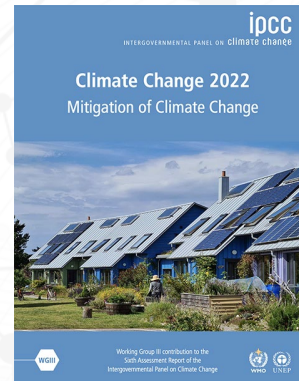
Global Assessments: Global Environment Outlook (GEO-7)



Assessment Contributions to the Science-Policy Interface



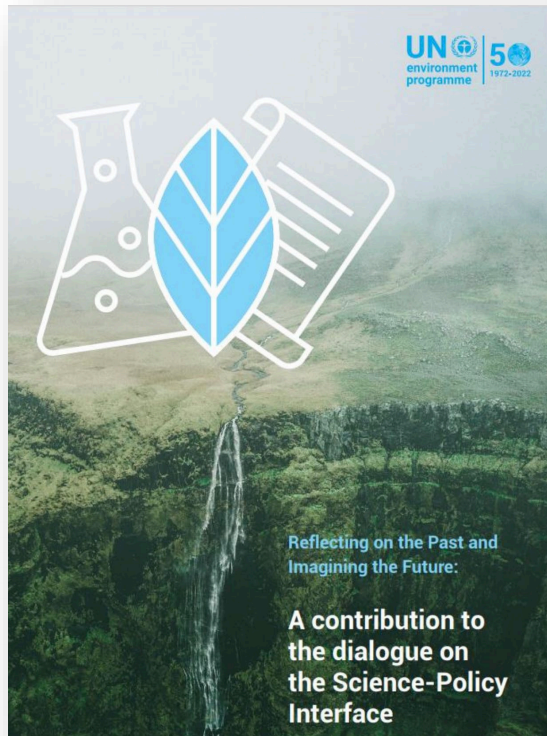
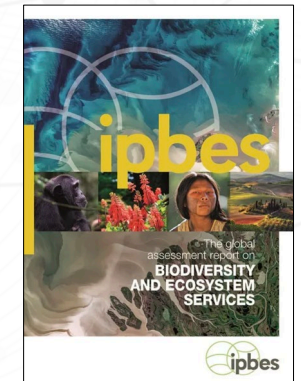
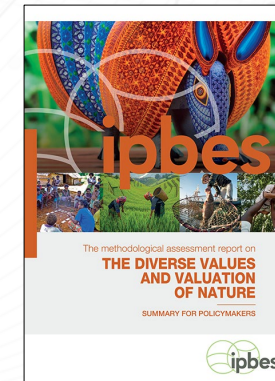
Intergovernmental Panel on Climate Change (IPCC)



UN environment programme



Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services (IPBES)



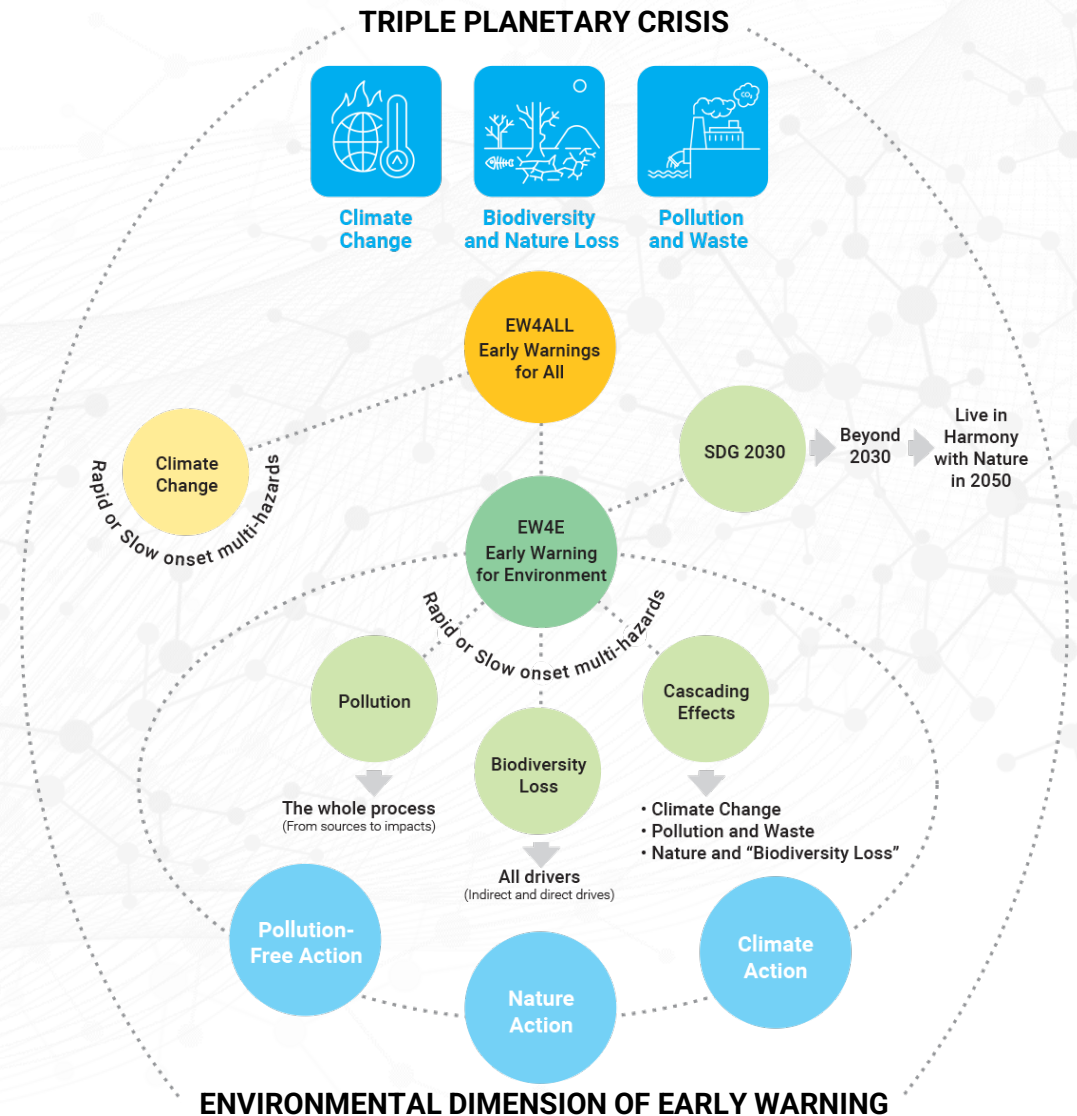
Early Warning & Data Analytics for People, Places and Planet

Early warning systems (EWS) are an adaptive measure for climate change, using integrated monitoring, forecasting and communication systems to help communities prepare for and manage hazardous climate-related events. Successful EWS save lives and jobs, land and infrastructure and support long-term sustainability and disaster risk reduction. Early warning systems assist public officials and administrators in their planning, saving money in the long run and protecting economies and natural assets. The UN, working in diverse partnerships, has introduced a number of innovative EWS initiatives in vulnerable areas around the world.

Early Warning for Environment

Identifying, monitoring and analysing both rapid onset multi-hazards (with a predominant focus on climate-related risks) and slow onset but continuous hazards and their interlinkages, by issuing warnings of future events that come early enough for one to prepare, respond and *Build Back Better*. Leaving No One Behind.

Saving the Lives of billions of People and preventing social and economic losses, protecting the property and natural assets of the most vulnerable communities in the world.



UNEP's Strategic Goal and Priorities Early Warning and Data Analytics

Strengthen the environmental dimension of Early Warning towards acceleration of the achievement of Agenda 2030 and the Sustainable Development Goals (SDGs)



Increase the Impact in Countries

- 30 *focus* countries in EW4All
- 25+ countries with CIEWS investments
- 60 CCA Countries
- One Planet EW Global, Regional and National Platform



Accelerate the achievement of the SDGs

- Geospatial and Statistics integration and Leadership at UN level
- Capacity Development on SDGs and Early Warning for Environment
- Synergies on the *Nexus* (Development, Peace and Humanitarian)
- Provision of Disaggregated Data Analytics to countries



Ensure UNEP Leadership in Early Warning for Environment

- UNEP leadership on the environmental dimension of EW4ALL
- Leadership on Geospatial Early Warning
- Leadership on Statistics for Early Warning and SDGs

Climate Action

Nature Action

Chemical and Pollution Action

Delivering as One across UNEP Divisional, Regional Offices, and MEAs

QUESTIONS & ANSWERS