



United Nations
Environment Programme

Science Division

UN Environment

Briefing for new members of the Committee of
Permanent Representatives 24-01-2017

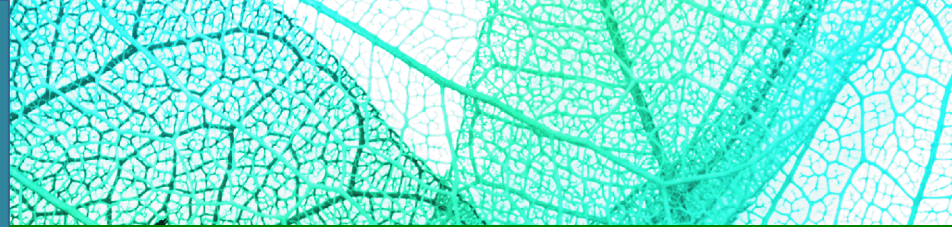
by Tessa Goverse, Nairobi

Keeping the environment under review

Science Division leads on the implementation of the 'Environment under Review' programme

- Empower governments and other stakeholders in their decision making through quality data and assessments
- Provide access to open web platforms, services and timely, knowledge about the environment
- Strengthen capacities to use substantiated knowledge in decision-making





HEALTHY
PLANET
HEALTHY
PEOPLE

Global Environment Outlook

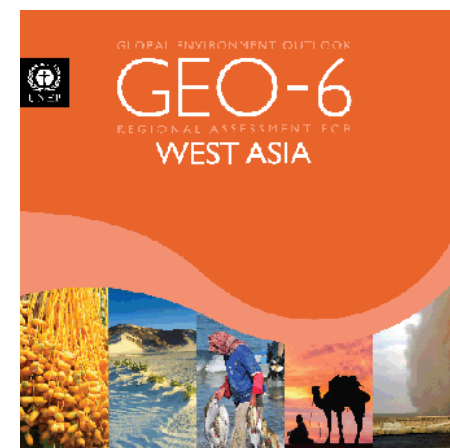
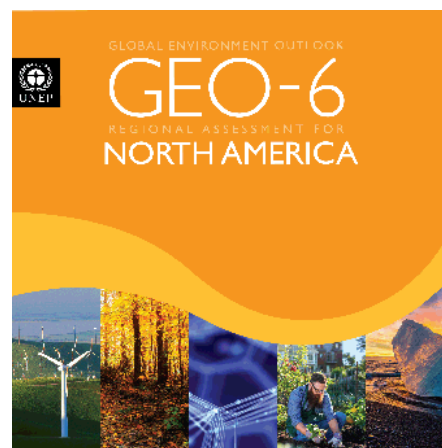
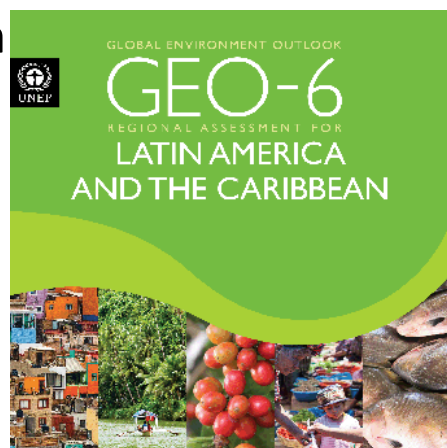
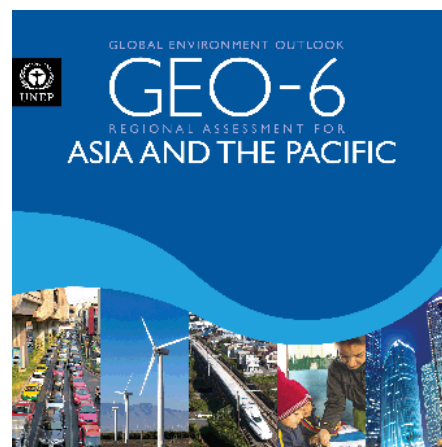
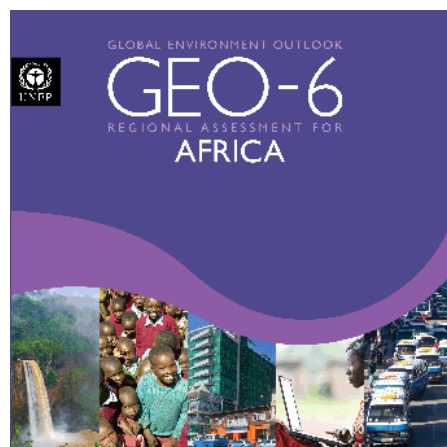


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Global Environment Outlook

Six Regional Assessments launched in 2016 available on www.unep.org/geo

- Africa
- Asia and the Pacific
- pan-Europe
- Latin America and the Caribbean
- North America
- West Asia



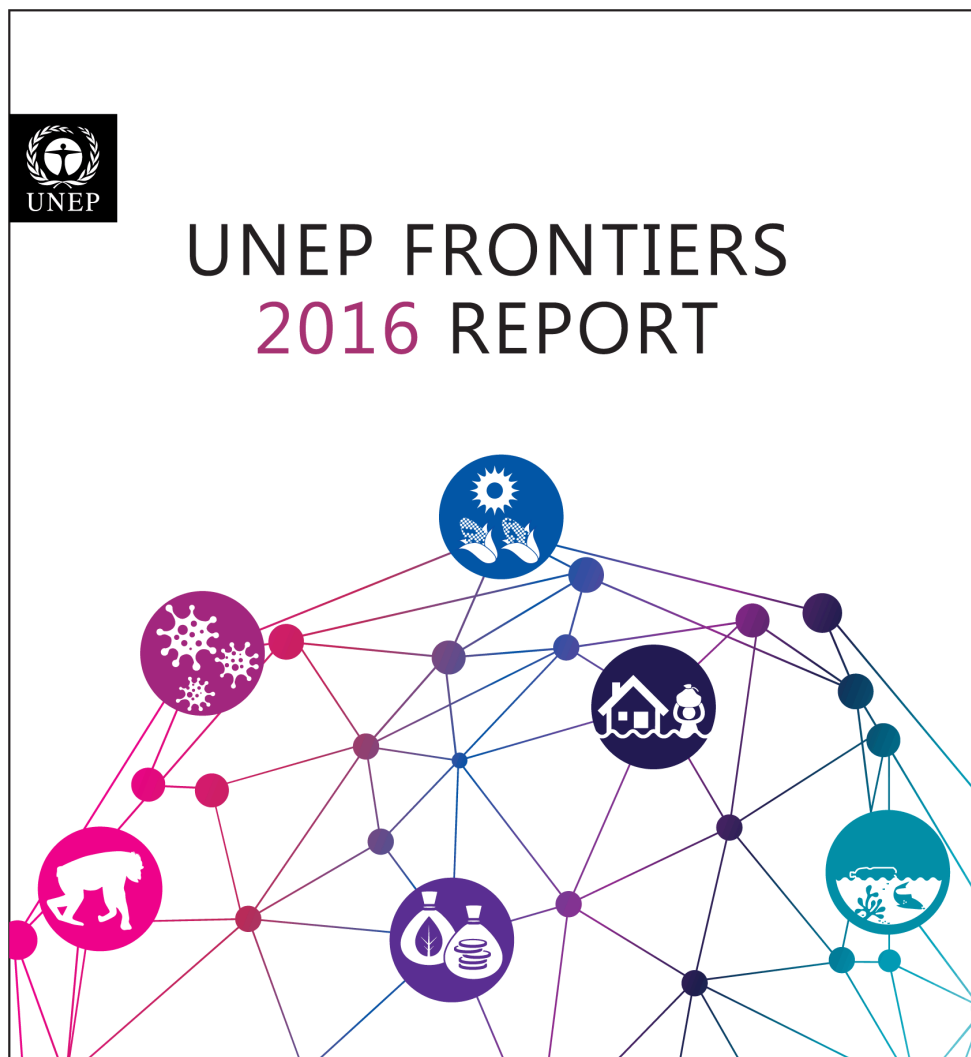
Global Environment Outlook



Timeline for UN Environment's sixth world environment report

- First Global Authors Meeting 20-24 February 2017 in Frascati
- 3rd UN Environment Assembly Dec. 2017: progress report
- 4th UN Environment Assembly mid-2019: full report and Summary for Policy Makers

Emerging issues relevant to the environment



Foresight processes

- Identification and analysis of emerging issues relevant to the environment through the Frontiers series
- Rapid assessments and in-depth studies (e.g sand and dust storms, loss of peatlands)



Open online platform for environmental data and information

www.unep.org/uneplive



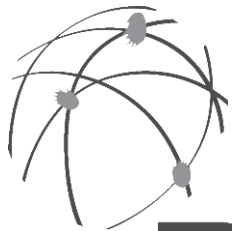
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Climate change science

Programme of Research on Climate
Change Vulnerability, Impacts and
Adaptation



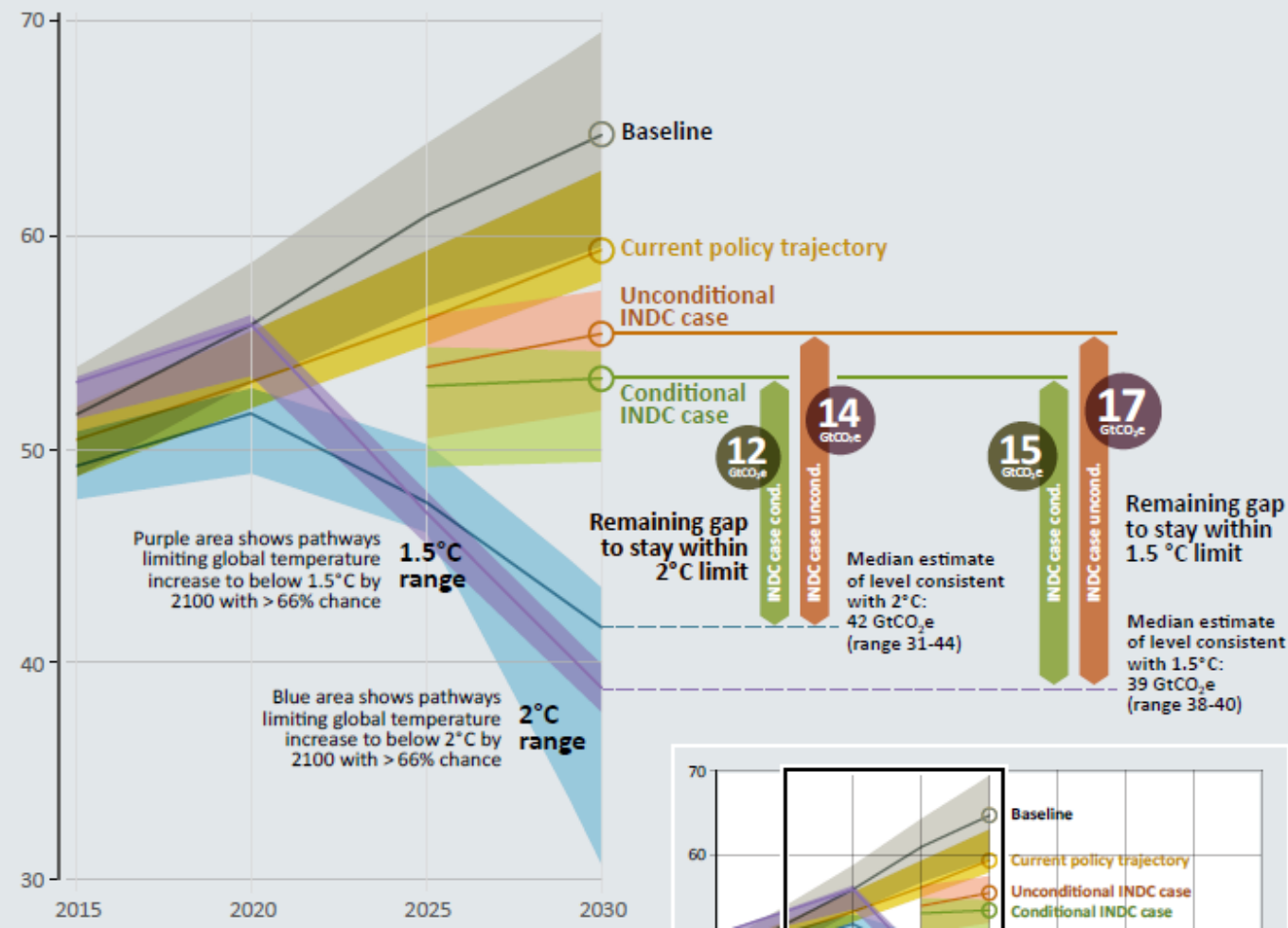
PROVIA

PROGRAMME OF RESEARCH ON
CLIMATE CHANGE VULNERABILITY,
IMPACTS AND ADAPTATION

Emissions Gap Report series

Intended Nationally Determined Contributions & Emissions Gap

Annual Global Total Greenhouse Gas Emissions (GtCO₂e)



- 119 to 160 INDCs assessed
- 146 to 187 countries represented
- 88-96% of 2012 global emissions

Natural Capital Accounting

Natural capital is the stock of assets that can be used—*sometimes together with other assets*—to produce ecosystem goods and services that provide benefits to consumers

Ecosystem services are the benefits that flow from natural capital

Purpose of natural capital accounting:

- Integrate the values of nature into decisions
- Improve human and nature's well-being
- Encourage more targeted natural capital investments

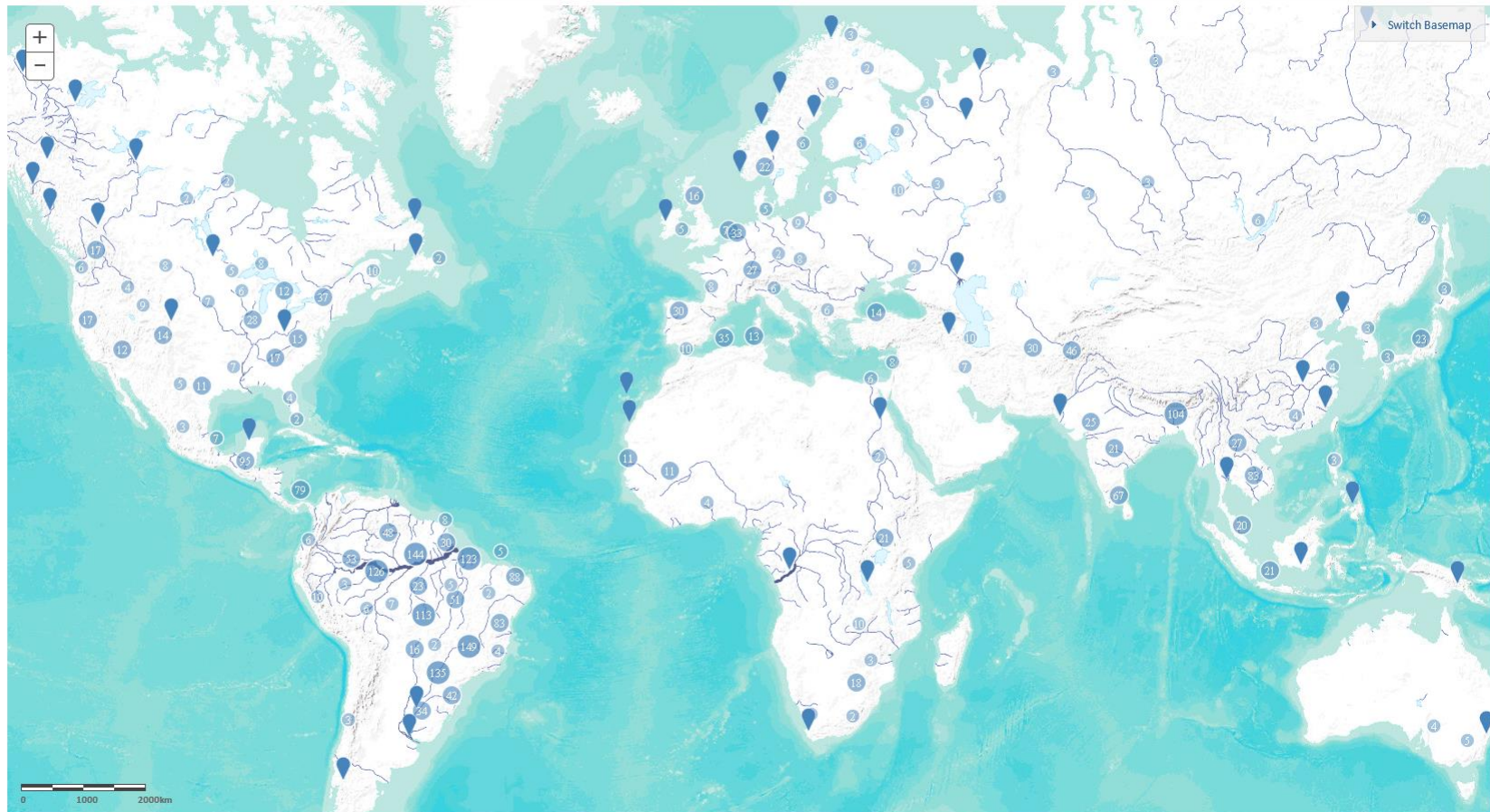
Some evidence at national level: Kenya, Gabon, Morocco, Cote d'Ivoire

GEMS-Water – water quality monitoring

GEMStat – Water Quality Database



Map Table



Global Environment Facility cross-cutting country capacity projects

Afghanistan: Developing Core Capacity for Decentralized MEA Implementation and Natural Resources Management

Bosnia & Herzegovina: Capacity Development for the Integration of Global Environmental Commitments into National Policies and Development Decision Making

Cameroon: Developing Core Capacity for MEA Implementation

Pacific: Building National and Regional Capacity to Implement MEAs by Strengthening Planning and State of Environment Assessment and Reporting

St. Lucia: Increase St. Lucia's Capacity to Monitor MEA Implementation and Sustainable Development

Iraq: National Capacity Needs Self-Assessment for Global Environment Management

Sustainable Development Goals

Indicator Framework

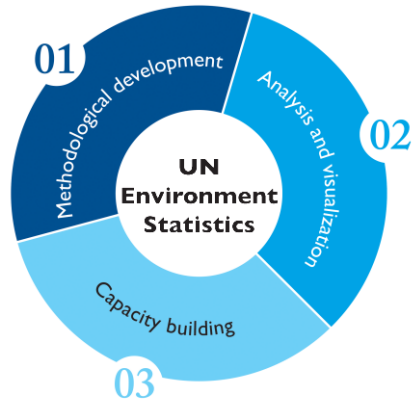
Monitoring and reporting on the environmental dimension
of the 2030 Agenda for Sustainable Development



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Sustainable Development Goals indicators



Methodological development

- Custodian of 26 Sustainable Development Goal indicators, co-custodian for 6 and involved in others.
- Building synergies amongst the indicators for the Sustainable Development Goals, Multilateral Environment Agreements and international initiatives.

Analysis and visualization

- Contribute to UNEP Live to provide users with access to Sustainable Development Goal indicators, environmental data and assessments.
- Promote data and statistics in UN Environment reports and assessments including the Global Environment Outlook.

Capacity building

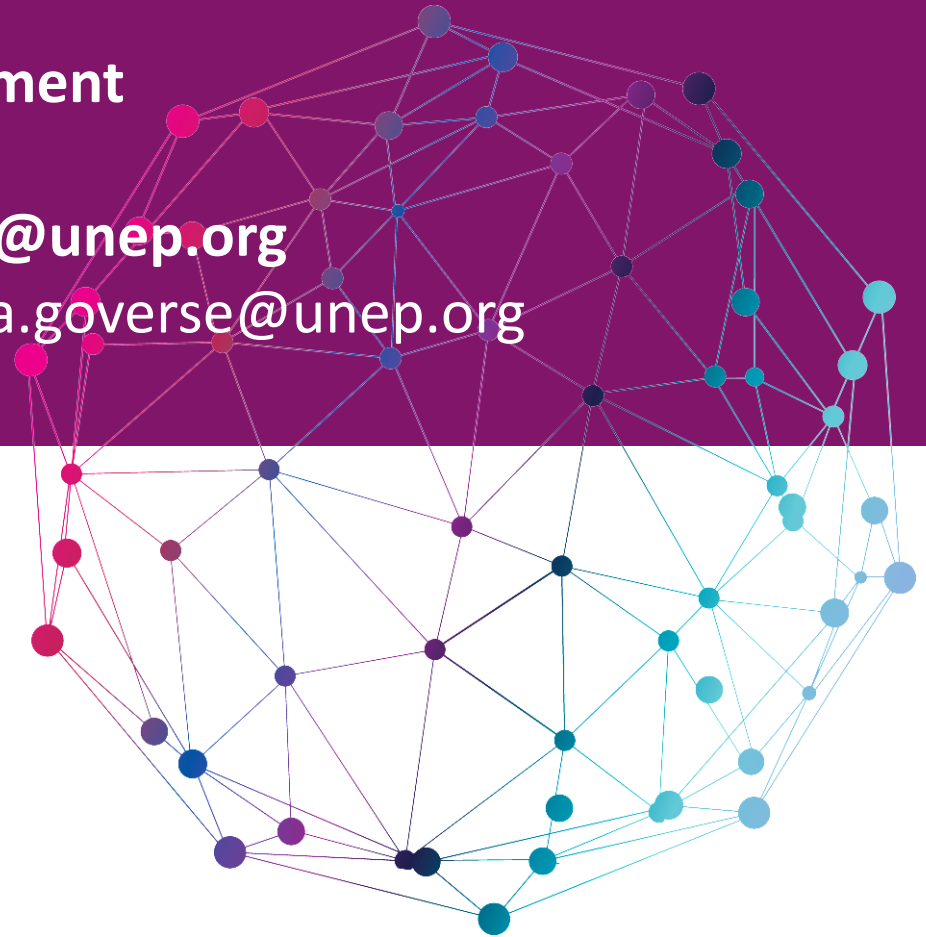
- Provide tools and training to countries to measure, monitor and report on the environmental dimension of the Sustainable Development Goals.
- Promote knowledge and sharing best practices on environment statistics and data dissemination.

Thank you

Science Division, UN Environment

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