'Towards a Pollution Free Planet' Preparation of the background document

3rd session of the UN Environment Assembly

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Key aspects of the background report development

- Scientific accuracy:
  - ✓ Scientifically based sections (1 and 2) largely developed in consultation with the GEO6 authors
  - ✓ A group of experts to review and provide guidance to early draft of the report
  - ✓ Peer review
- Draft 1 in house review
- Draft 2 consultations and inputs from UN agencies, Multilateral Environmental Agreements.
- Regional and stakeholder consultations to provide inputs and feedback (based on powerpoint presentations)
- Final Draft for public consultation

Key milestones

15 May (2 weeks consultation)	• 2nd draft of the report sent to Multilateral Environmental Agreements and UN agencies, and key experts for comments and feedback. • Virtual meetings with 1) key technical experts, 2) MEAs 3) UN Agencies
24 May	Presentation of key finding of the report to the Committee of Permanent Representatives
Mid June	Commitments platform available on line (UN Environment Assembly 3 website)
26 June	Draft report sent to Member states for comments until 14 July (3 weeks)
Week of 17 July	Finalisation of the report
End July – beginning September	Final review, sign off by Head of UN Environment, final editing, design and layout
15 September	Early release/launch of the English version of the report
30th September and 30th November	Reporting and analysis of the commitments received

Structure of the report

- **Introduction**

- **Section 1- Evidence of a polluted planet: the science, impacts and economic costs**
  - ✓ Air; marine and coastal; land and soil; freshwater; cross-cutting sources: chemicals and waste
  - ✓ Economic costs

- **Section 2- A Pollution Free Planet: Agenda 2030 and Multilateral Environmental Agreements**
  - ✓ Opportunities for achieving the 2030 Agenda for Sustainable Development and Sustainable Development Goals
  - ✓ The pollution mandates of the Environmental Agreements
  - ✓ Multiple benefits of actions
  - ✓ Towards a strengthened multi-stakeholder governance

- **Section 3- A Framework for Transition to a Pollution Free Planet**
  - ✓ Gaps
  - ✓ Principles
  - ✓ Key system wide areas of change (transformative actions and enablers)
 - ✓ Targeted interventions
    Conclusion

Section 1: Evidence of a polluted planet: the science, impacts and economic costs

- Based on the GEO regional reports, GEO-6 thematic drafts, and other sources
- Combining state, trends and impact analysis per pollution theme
- Indicating economic costs of inaction

# Major forms of pollution and key sectoral sources

Environmental Media

AIR	FRESHWATER	MARINE	LAND	ALL
Particulate Matter	Nitrates	Nitrates	Nitrates	Polychlorinated biphenyls
Black carbon	Nutrients (phosphates)	Toxic waste (including oil, plastics)	Heavy metals	Persistent organic pollutants
Nitrogen oxides	Hazardous chemicals		Pharmaceuticals	
Sulphur dioxide	Endocrine disrupting chemicals			Perchloroethylene
Ozone	Heavy metals			Tetrachloroethylene
Heavy metals	Pharmaceuticals			Radioactive waste
Noise				

Pollution Sources

Waste	E-waste, food waste; wastewater; municipal solid waste; open-burning; plastics; hazardous; construction and demolition
Transport	Fuel use and-supply; engine emissions; road: tyres, surface; shipping; aviation
Energy	Combustion plants; fossil fuels; biomass
Service	Tourism; hospitals; water; retail
Industry	Chemicals; Pharmaceuticals; Extractives; Agriculture; Forestry; Fisheries
Urban	Buildings; households; mobility

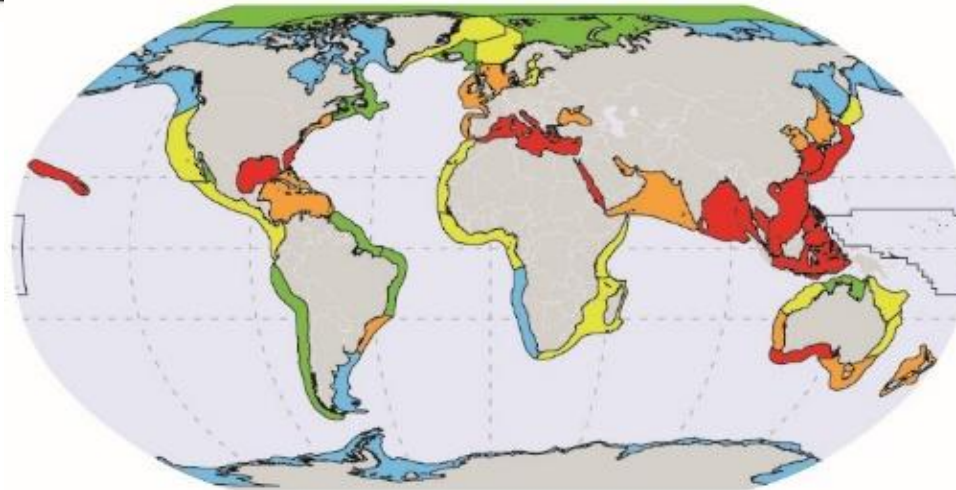# Mapping key risks: nutrients, polychlorinated biphenyls (PCBs), plastic debris
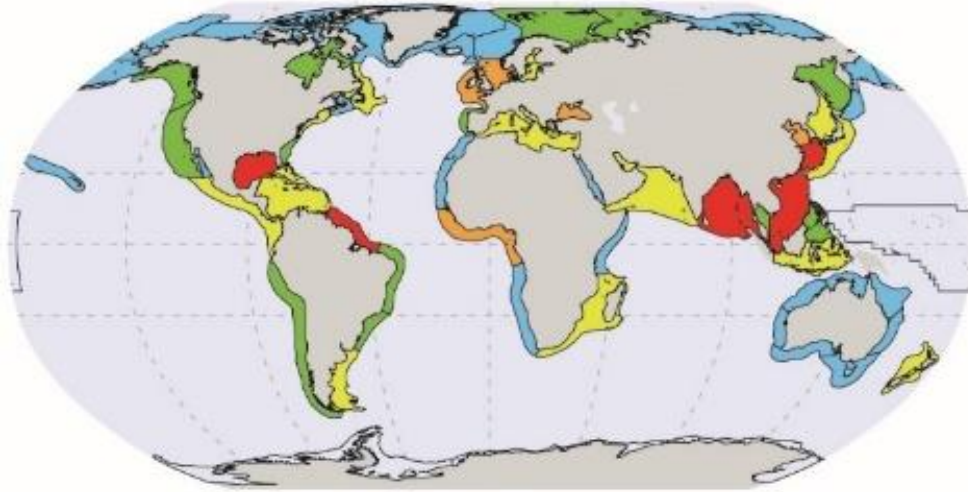
Nutrient risk indicator categories

☐ Lowest ☐ Low ☐ Medium ☐ High ☐ Highest
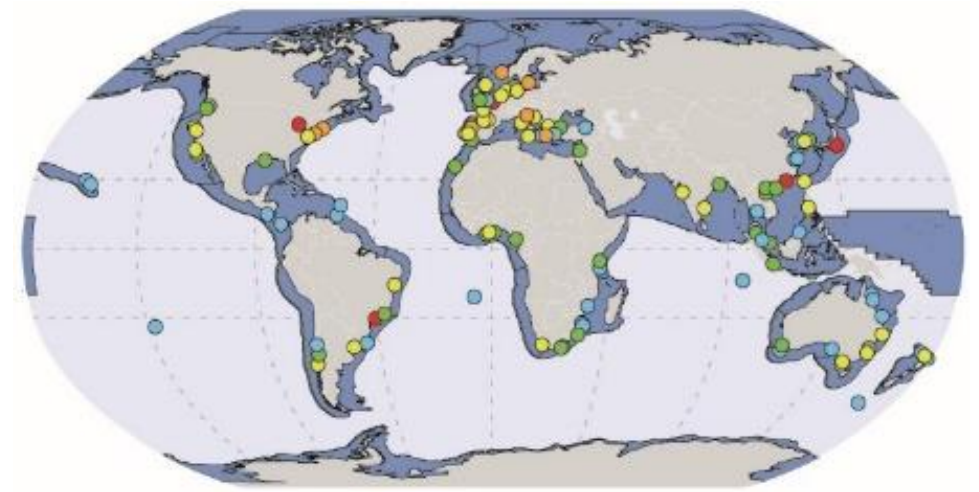
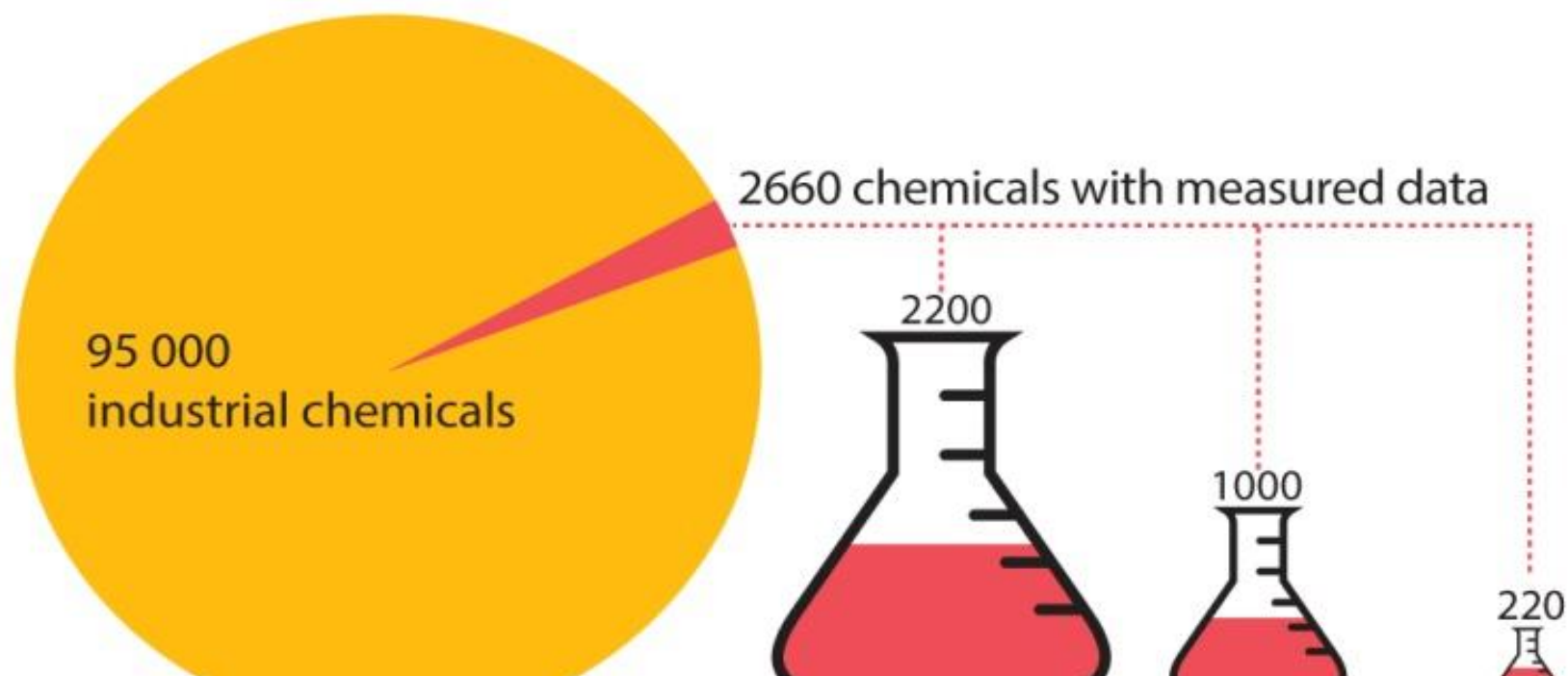PCBs concentration range (nanograms per gram pellet)

○ <10 ○ 10–50 ○ 50–200 ○ 200-500 ○

Floating plastic debris risk categories

☐ Lowest ☐ Low ☐ Medium ☐ High ☐ Highest

Testing of chemicals

95 000 industrial chemicals

2660 chemicals with measured data

2200

1000

220

预览已结束，完整报告链接和二维码如下：

https://www.yunbaogao.cn/report/index/report?reportId=5_16120