

# GLOBAL

# RESOURCES

# OUTLOOK 2019

NATURAL RESOURCES FOR THE FUTURE WE WANT



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- GRO at UNEA-4

UN  
environment

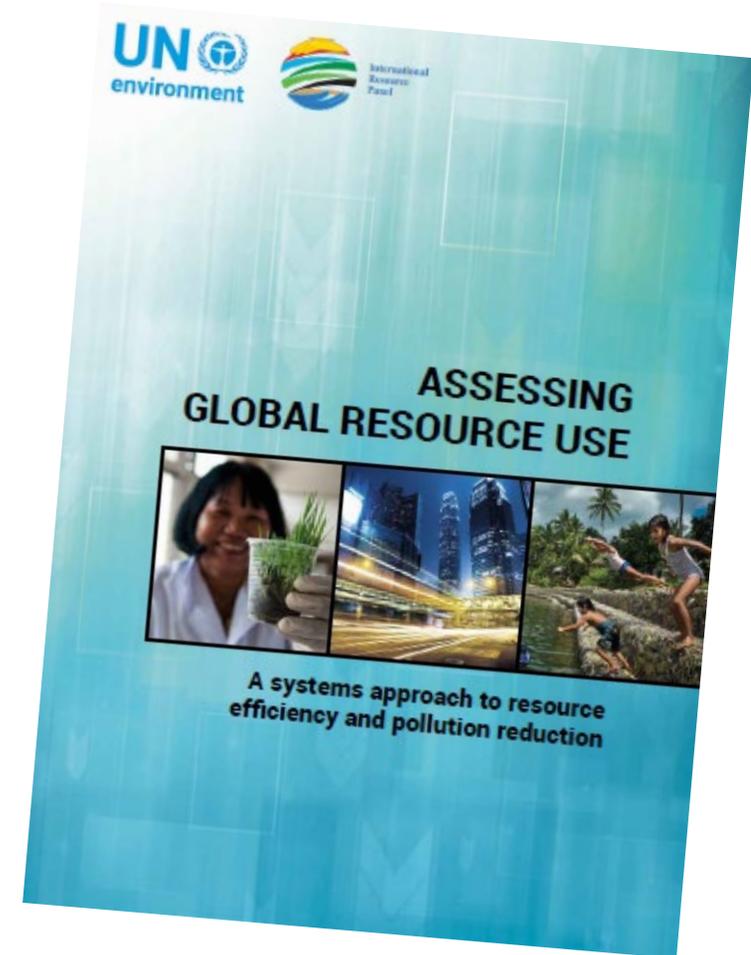


International  
Resource  
Panel



# History of the *Global Resources Outlook*

- **UNEA-2 Resolution 2/8 on SCP:** invited the International Resource Panel to make available reports relevant to the resolution, including on the state, trends and outlook of sustainable consumption and production, to a future meeting of the UNEA, but not later than 2019.
- **IRP (2017) Assessing Global Resource Use: A systems approach to resource efficiency and pollution reduction.**
- **UNEA-3 Resolution 3/4 on Environment and Health:** welcomed further work of the IRP on the status and trends of natural resource use and management and its links with pollution and other environmental impacts, as well as on the identification of options for enhancing sustainable management of natural resources, and encouraged it to make available reports to be considered, as relevant, at the sessions of UNEA.





# About the *Global Resources Outlook*

## The goals of the report are to:

- Provide the international community with an **overview of the present state of natural resource use**
- Provide objective and accurate information about the **environmental, economic and social impacts** of the present resource use trend.
- Demonstrate, using scenario models, a **business as usually trajectory for resource use up to 2060** and its implications;
- Present a **forward looking scenario** that demonstrates how decoupling of natural resource use from environmental impacts while increasing human well-being is possible with concerted global policy action;
- Identify a **package of policy proposals** that can support the transformation of global economies and societies towards sustainability.



- ✓ GRO 2019: Report (INF doc to UNEA-4)
- ✓ GRO 2019: Summary for Policymakers (UNEP/EA.4/22)
- ✓ GRO 2019: Implications for Business Leaders
- ✓ Online documents: Case studies, Methods Annex
- ✓ Outreach materials: Infographics, fact sheet and bookmarks

# Key Messages *Global Resources Outlook*



**01.** The use of natural resources has more than tripled from 1970, and continues to grow.



- Global population doubled
- Extraction of materials tripled (92 Bt)
- Gross domestic product quadrupled.
- Acceleration since 2000

- Extraction & processing accounts for **>90%** of our biodiversity loss and water stress and **~50%** of GHG emissions.

**02.** Historical and current patterns of natural resource use are resulting in increasingly negative impacts on the environment and human health.



**03.** The use of natural resources and the related benefits and environmental impacts are unevenly distributed across countries and regions.



- Virtually no growth in wealthiest countries or poorest countries
- High-income per capita consumes **>60%** & **>10** times upper-middle & low-income countries

- Global material **> 110%** (190 Bt)
  - Global cropland **>21%**
  - Global pasture **> 25%**
- A total decrease in global forest area
  - Grasslands/Shrublands **<20%**

**04.** In the absence of urgent and concerted action, rapid growth and inefficient use of natural resources will continue to create unsustainable pressures on the environment.



# Key Messages *Global Resources Outlook*

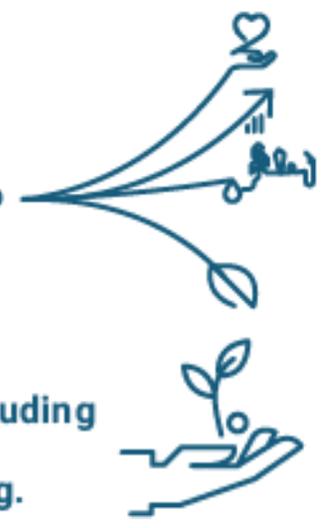


05.

The decoupling of natural resource use and environmental impacts from economic activity and human well-being is an essential element in the transition to a sustainable future.

06.

Achieving decoupling is possible and can deliver substantial social and environmental benefits, including repair of past environmental damage, while also supporting economic growth and human well-being.



## NEW IRP SCENARIO MODELLING!

- ✓ Global resource extractions <25% lower in 2060 (47 Bt of avoided resource extraction)
- ✓ A slowdown in natural resource use in high-income countries offsets an increasing use among emerging and developing economies.
- ✓ Net economic benefits globally, with global GDP > 8 per cent
- ✓ Global habitat loss is reversed, preventing 1.3 billion lost hectares of forests and other native habitat, and restoring a further 450 million hectares of forests by 2060.

Decoupling concept

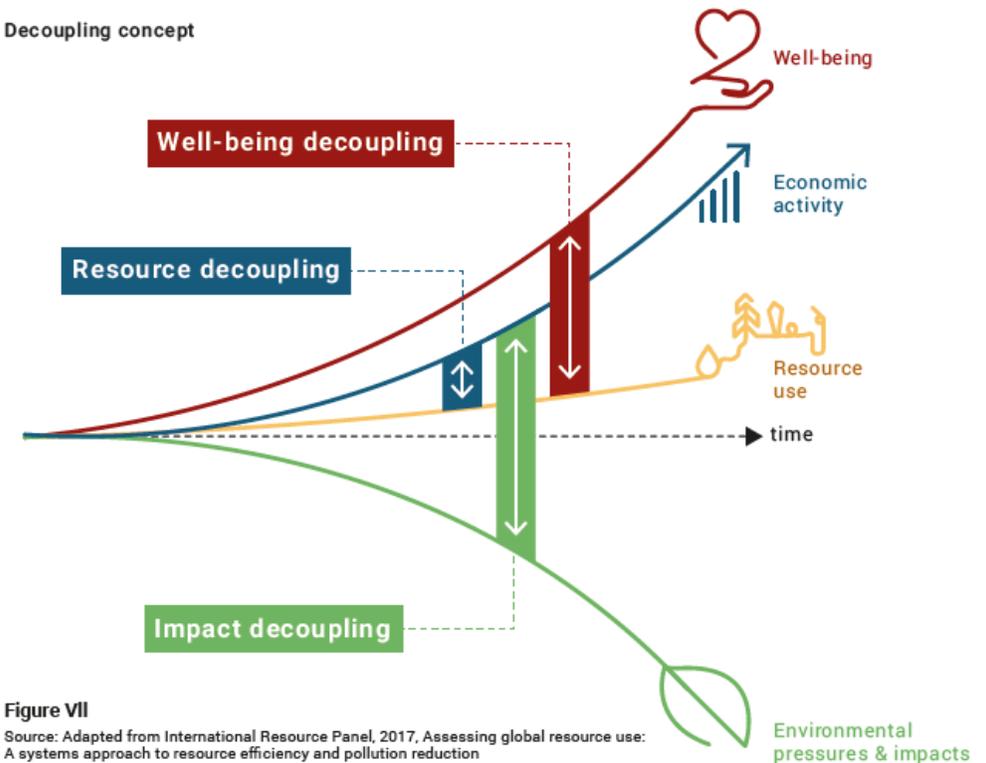


Figure VII

Source: Adapted from International Resource Panel, 2017, Assessing global resource use: A systems approach to resource efficiency and pollution reduction

# Key Messages *Global Resources Outlook*



**07.**

Policymakers and decision makers have tools at their disposal to advance worthwhile change, including transformational change at local, national, and global scales.



**08.**

International exchanges and cooperation can make important contributions to achieving systemic change.



Multi-beneficial Policymaking



Figure VIII



## *Global Resources Outlook at UNEA-4*

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- ✓ Dedicated session during the plenary on Wednesday 13 March 2019 (Panel presentation & discussion)
- ✓ Official Press Launch of the GRO 2019 Report on Thursday 14 March 2019 (Media Breakfast)
- ✓ Presentation of the 'Implications for Business Leaders' Summary Document at the Science-Business-Policy Forum

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[WWW.RESOURCEPANEL.ORG/REPORTS/GLOBAL-RESOURCES-OUTLOOK](http://WWW.RESOURCEPANEL.ORG/REPORTS/GLOBAL-RESOURCES-OUTLOOK)

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