



KAMARAJ IAS ACADEMY
Only IAS Academy by Grandson of "Perunthalsivam Kamarajar"

Global Environment Outlook

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Context:

The **United Nations Environment Programme (UNEP)** released the **7th edition of the Global Environment Outlook (GEO)** titled "*A Future We Choose*", providing a comprehensive assessment of global environmental trends, challenges, and pathways to sustainability.

Key Concerns Highlighted in GEO-7

Climate Change & Emissions: Greenhouse gas emissions have increased by **1.5% annually since 1990**, undermining climate targets.

Pollution: Approximately **9 million deaths** globally are attributed annually to air, water, and soil pollution.

Land Degradation: Current land degradation rates could result in the **loss of fertile and productive land equivalent to the size of Colombia or Ethiopia each year**.

Key Recommendations

Integration of Indigenous and Local Knowledge: Leveraging traditional ecological knowledge for **climate adaptation, biodiversity conservation, and sustainable resource management**.

Investment for Net-Zero: Estimated **annual investment of US\$8 trillion till 2050** required to achieve global net-zero emissions.

Whole-of-Society & Government Approaches:

o Shifting focus from GDP growth alone to **indicators tracking human and natural capital**.

o Encouraging **multi-sectoral and inclusive decision-making** to achieve sustainable development goals.

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