

Earth Overshoot Day

By IAS Toppers | 2022-08-02 17:48:00



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Recently, Earth Overshoot Day was observed on 28th July 2022.



[Ref: Wionews]

Earth Overshoot Day:

- It marks the date when humanity's demand for **ecological resources and services in a given year exceeds** what Earth can regenerate in that year.
- It is hosted and calculated by **Global Footprint Network (GFN)**.
 - The organisation provides decision-makers with a menu of tools to **help the human economy operate within Earth's ecological limits**.
- To determine the date of Earth Overshoot Day for each year, GFN calculates the **number of days of that year that Earth's biocapacity suffices to provide for humanity's Ecological Footprint**.

How the Date is Calculated?

- EOD is calculated by **dividing the world biocapacity by the world ecological footprint and multiplying by 365**.

$$\frac{\text{world biocapacity}}{\text{world ecological footprint}} \times 365 = \text{EOD}$$

[Ref: Wikipedia]