

Geo-chemical Baseline Atlas

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Why in news?

The CSIR-National Geophysical Research Institute (NGRI) developed Geochemical Baseline Atlas of India to be used by policymakers to evaluate environmental damage.

What is this Atlas?

- This is an atlas of 45 metals, oxides and elements in India's upper and lower soil.
- It will be used to assess the changes in chemical composition on the surface of the earth by future generations.
- These maps help to track potential emissions from polluting industries or other structures.
- There was no way earlier to prove that polluters resisted environmental damage.
- The atlas helps policymakers to learn about high and low metal concentrations in regions. For example, Tanneries release chromium. The policymakers will learn about regions with a high concentration by going through the map of chromium.