

Anavaran Portal

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Anavaran Portal Latest News

Recently, the Forest Survey of India stopped its Anavaran-Deforestation Alert System on deforestation.

About Anavaran Portal

- It has been operational since January 2024.
- It has been using **satellite data and machine learning** to enable Forest Survey of India to issue location alerts on the **loss of forest cover to states every 15 days** so that targeted field inspections can be carried out.
- **Technology Used**
 - The Anavaran alert system is **based on the Google Earth Engine (GEE) platform**.
 - It uses **Sentinel-2 satellite images** as input data.
 - For continuous monitoring during cloudy and monsoon seasons, this is further integrated with **Sentinel-1 Synthetic Aperture Radar (SAR) data**.

Key Facts about Forest Survey of India (FSI)

- It is a premier national organization under the **union Ministry of Environment, Forests and Climate Change**.
- It was established on June 1, 1981 by succeeding the **“Preinvestment Survey of Forest Resources” (PISFR)”**
 - **Preinvestment Survey of Forest Resources” (PISFR)**, was a project initiated in 1965 by Government of India with the sponsorship of FAO and UNDP.
- **Mandate:** It is responsible for **assessment and monitoring of the forest resources** of the country regularly. In addition, it is also engaged in providing the services of training, research and extension.
- It has been publishing the **State of Forest Report** on a **biennial basis since 1987**.
 - **State of Forest Report** carries out an in-depth assessment of the forest and tree resources of the country based on interpretation of Remote Sensing satellite data and field based National Forest Inventory (NFI).

Source: IE

Source: <https://vajiramandravi.com/current-affairs/anavaran-portal/>

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