

Bhuvan Panchayat geoportal 4.0

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About Bhuvan Panchayat geoportal 4.0:

- It is an **online geospatial data** and **services dissemination platform** to support integration and utilisation of space-based information into **governance and research** initiatives involving spatial planning up to Gram Panchayat level.
- **Developed by:** This WebGIS platform developed by NRSC, **ISRO**.
- It enables visualisation, analysis, sharing of web map service (WMS) services of all thematic data products generated at 1:10k under the **Space based Information Support for Decentralized Planning (SISDP) project**.

What is the National Database for Emergency Management (NDEM) portal?

- It provides a comprehensive uniform, structured, multi-scale scale **geospatial database** for the entire country for situational assessment and effective **decision-making** during **disasters/ emergency situations**.
- It acts as a **national level geo-portal** to provide space-based information with the amalgamation of DSS tools and services of disaster forecasting organisations with value addition addressing all natural disasters in all phases of disasters for an effective Disaster Risk Reduction in the Country.
- It will also act as a **Disaster Recovery and Data Provider node** for the Integrated Control Room for Emergency Response (ICR-ER) being established by MHA, New Delhi.

Q1: What does the ISRO do?

The ISRO (Indian Space Research Organisation) is the country's space agency. The organisation is involved in science, engineering, and technology in order to reap the benefits of space for India and humanity.

Source: Curtain Raiser for Launch of geoportals Bhuvan Panchayat (Ver. 4.0) & National Database for Emergency Management (NDEM Ver. 5.0) by Union Minister Dr. Jitendra Singh on 28th June 2024

Source: <https://vajiramandravi.com/current-affairs/bhuvan-panchayat-geoportal-40/>

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