

Sagar Samriddhi

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About Sagar Samriddhi:

- It is an **online dredging monitoring system**.
- The new system **aims to tighten the monitoring regime for dredging contracts** and also **focus on monetising dredged material**.
- It is **part of the government's** efforts to expedite the **'Waste to Wealth' initiative**.
- This system has been **developed by National Technology Centre for Ports, Waterways and Coasts (NTCPWC)** the technological arm of MoPSW.
- The new technology brings **marked improvement against the old system** of the Draft and Loading Monitor (DLM) system.
- **All future monitoring at the major ports** in the country **will be done through the Sagar Samriddhi monitoring system** that will help in project implementation and cut cost.
- The system will **aid daily and monthly progress visualisation, monitor dredger performance and downtime monitoring**, and **keep track of location data**.
- The system will **bring in synergy among multiple input reports** like daily dredging reports, and the pre and post-dredging survey data before processing and producing real-time dredging reports.

What is Dredging?

- Dredging is the **removal of sediments and debris from** the bottom of lakes, rivers, harbors, and other **water bodies**.
 - It is a **routine necessity in waterways around the world because sedimentation**—the natural process of sand and silt washing downstream—**gradually fills channels and harbors**.
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Q1) What is Dredging?

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Source: [Sonowal launches 'Sagar Samriddhi' system to track dredging activity](#)

Source: <https://vajiramandravi.com/current-affairs/sagar-samriddhi/>

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