

ISRO-NASA joint mission NISAR satellite to be launched in 2023

written by iaseexam.com | 31/07/2021



The Earth Sciences Minister Jitendra Singh informed on July 30, 2021, that the joint satellite mission NISAR (NASA-ISRO Synthetic Aperture Radar) of ISRO-NASA is proposed to be launched in early 2023.

In a written response to a question in Lok Sabha, the Union Minister said that NASA-ISRO Synthetic Aperture Radar (NISAR) has not been launched yet.

Key Highlights

- The joint project by the Indian Space Research Organisation (ISRO) and National Aeronautics and Space Administration (NASA) aims at making the global measurement of land surface changes using advanced radar imaging.
- The major scientific objective of the mission is to improve the understanding of the impact of climate change on the Earth's changing Ecosystems, coastal and land processes, cryosphere, and land deformations.
- NISAR (NASA-ISRO Synthetic Aperture Radar) is one of the crucial collaborations of the Indian Space Research Organisation (ISRO) and the National Aeronautics and Space Administration (NASA).

- Both India and the United States had agreed upon this mission during the then President of the US Barack Obama's visit to India back in 2015.

SOURCE: *Jagran Josh*