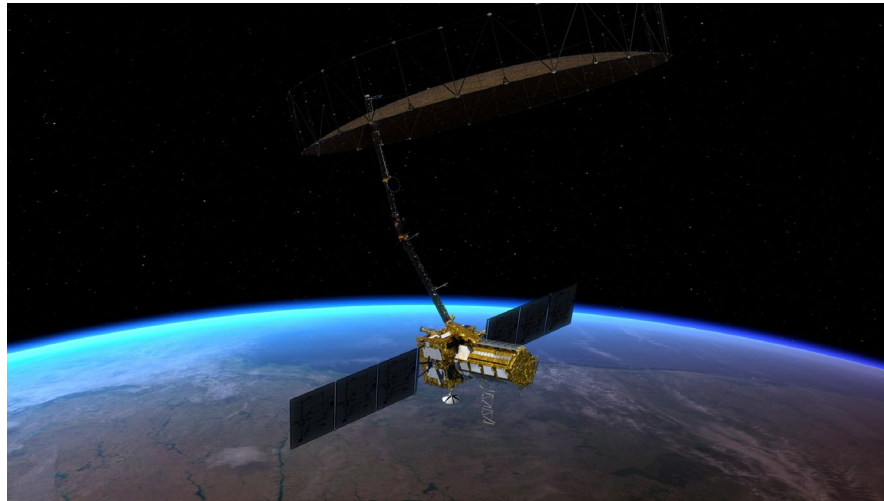


30 July 2025



(Picture credit: NASA)

NASA–ISRO Synthetic Aperture Radar Launch

Space agency/country: Indian Space Research Organization

Mission: *NASA–ISRO Synthetic Aperture Radar (NISAR)*

On 30 July 2025, India successfully launched the *NISAR* mission aboard a GSLV Mark II rocket from the Satish Dhawan Space Centre (Sriharikota, India). The *NASA–ISRO Synthetic Aperture Radar* is an Earth-observation mission operated jointly by the Indian Space Research Organization and NASA. It is the first satellite mission that uses two radar frequencies to systematically observe changes related to the Earth's surface, including in its ecosystems, ice masses and tectonic activity. The mission will provide critical data for understanding natural hazards, climate change and agricultural dynamics on a global scale.

For more information:

<https://scitechdaily.com/nasas-new-satellite-could-change-the-way-we-farm-forever/>

<https://www.eoportal.org/satellite-missions/nisar#eop-quick-facts-section>