The NASA – ISRO SAR (NISAR) mission

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Résumé

With a planned launch in 2021, the NASA – ISRO SAR (NISAR) mission will provide 12-day repeat SAR coverage of most of Earth's subaerial surface. NISAR will be a dual frequency radar imaging system providing observations at both L- and S-band with both left and right pointing capability. The primary goals of the mission are divided into (1) solid earth science, (2) cryosphere science, (3) Vegetation/biomass science and (4) applications including disaster response. In this presentation, I describe the current status of NISAR and the various discussions underway within the science team. We anticipate that NISAR will be a welcome addition to the international constellation of imaging radar satellites and may provide the opportunity to optimize the imaging strategies adopted by this constellation.

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