Intro for episode page: Learn about the details of the upcoming new mission, Landsat Next and its benefits to science and society.

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**Eyes on Earth Episode 117 – Preparing for Landsat Next, Part 1**

**Summary**: In this episode of Eyes on Earth, we talk with several people involved with the next Landsat mission. In Part 1, we’ll hear about how different Landsat Next will be from previous Landsat missions and how its additional spectral bands, higher resolution, and 6-day revisit will benefit science and society. Addressing the needs of the Landsat user community was a high priority in developing the mission, so we talk about what scientists are really looking forward to with Landsat Next. The upcoming Part 2 episode will share details about technical preparations, such as ground station and calibration needs.

**Guests**: Tim Newman, USGS Program Coordinator for National Land Imaging; Zhuoting Wu, USGS Earth Observation Applications Coordinator for National Land Imaging; Chris Crawford, USGS Research Physical Scientist

**Host**: Tom Adamson (contractor for USGS EROS)

**Producer**: Tom Adamson (contractor for USGS EROS)

**Release date**: Monday, April 22, 2024

**More about Landsat Next**:

* [USGS—Landsat Next](https://www.usgs.gov/landsat-missions/landsat-next)
* [Landsat Next Fact Sheet](https://pubs.usgs.gov/publication/fs20243005)
* [Landsat Missions](https://www.usgs.gov/landsat-missions)
* [Landsat Benefits, State by State](https://www.usgs.gov/programs/national-land-imaging-program/landsat-benefits-state-state)

**Related Episodes:**

* [Episode 90—Landsat 8 Turns 10](https://www.usgs.gov/centers/eros/science/eyes-earth-episode-90-landsat-8-turns-10)
* [Episode 87—Landsat 5’s Significance, Part 1](https://www.usgs.gov/media/audio/eyes-earth-episode-87-landsat-5s-significance-part-1)
* [Episode 113—EROS Science Leader’s Vision](https://www.usgs.gov/centers/eros/science/eyes-earth-episode-113-eros-science-leaders-vision)

**Keywords**: Earth Resources Observation and Science (EROS) Center, Eyes on Earth, Landsat, Landsat Next, societal benefits, National Land Imaging Program

<https://cms.usgs.gov/media/images/eoe-thumbnail-image-episode-117-preparing-landsat-next-part-1>

<https://cms.usgs.gov/media/images/eoe-homepage-image-episode-117-preparing-landsat-next-part-1>

**Homepage descriptor**: This episode of our remote sensing podcast discusses Landsat Next and the benefits to science and society it will bring after its launch.

**Topics this could go in:** Data, EROS, Landsat

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