



## **User needs for future land imaging observation from space**

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The US Geological Survey (USGS) Land Remote Sensing Program has collected user requirements from a range of applications to help formulate the Landsat 9 follow-on mission, maintaining the longest record of Earth observation from space and provide new measurement capabilities to better meet growing land imaging user needs. The requirements collection is focused on forward-looking user needs, to inform future land imaging satellites design and products generation. The USGS is working with NASA to develop the Landsat 9 follow-on mission, which is scheduled to launch in the 2027 timeframe as part of the joint USGS/NASA Sustainable Land Imaging program. User requirements collected through the USGS will help inform future Sustainable Land Imaging sensor designs and mission characteristics. Current US Federal civil community users have provided hundreds of requirements through systematic, in-depth interviews. Academic, State, local, industry, and international Landsat user community input was also collected and incorporated into the process. This presentation will provide an overview of the Landsat-9 follow-on mission user requirements collection process and summary results of future outlook from the broad land imaging community.