





EXTRADIMENSIONAL - The Fusion of Landsat & GEDI Data

For over 50 years, Landsat has enabled scientists to monitor global ecosystems across space and time using multispectral and thermal imagery. The joint NASA-University of Maryland GEDI mission, collecting data from the International Space Station since 2018, uses spaceborne lidar technology to measure global 3D forest structure. When fused, Landsat and GEDI data provide insights into Earth dynamics, revealing changes in biomass, disturbance and recovery, biodiversity, and the carbon cycle, among other applications.

Credit: NASA Earth Observatory

Learn more about Landsat & GEDI at <https://landsat.gsfc.nasa.gov/landsat-gedi/> & <https://gedi.umd.edu/>