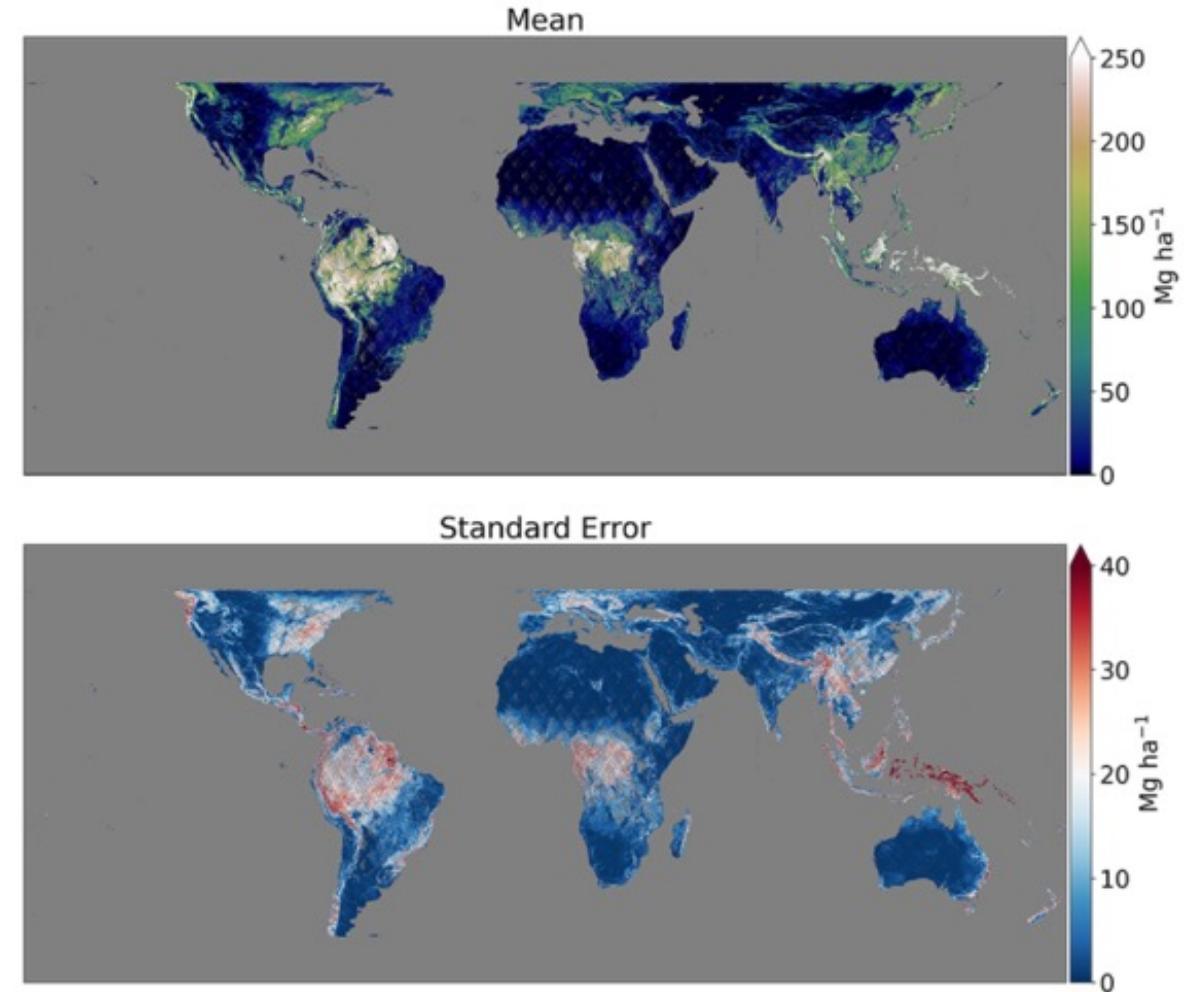


GEDI Mission Releases New Landmark Data Product

- GEDI is a high-resolution lidar instrument designed specifically to measure vegetation from its vantage point **aboard the International Space Station**.
- The “L4B Gridded Aboveground Biomass Density” product provides the first near-global estimate of aboveground forest biomass and the carbon it stores – **filling a key gap in climate research**.
- The GEDI estimates compared favorably to forest inventories from the **Food and Agriculture Organization of the United Nations and U.S. Forest Service Forest Inventory and Analysis**.
- L4B is not the first global biomass product, but it is the first to include well-described uncertainty for its estimates **using advanced statistical models**.
- Ecosystem and climate researchers can quickly locate their regions of interest and **study forest structure and carbon content with greater precision**.
- In its first three years in orbit, **GEDI has captured billions of measurements** between 51.6 degrees north and south latitudes.



Gridded mean aboveground biomass density (top) and standard error of the mean (bottom).