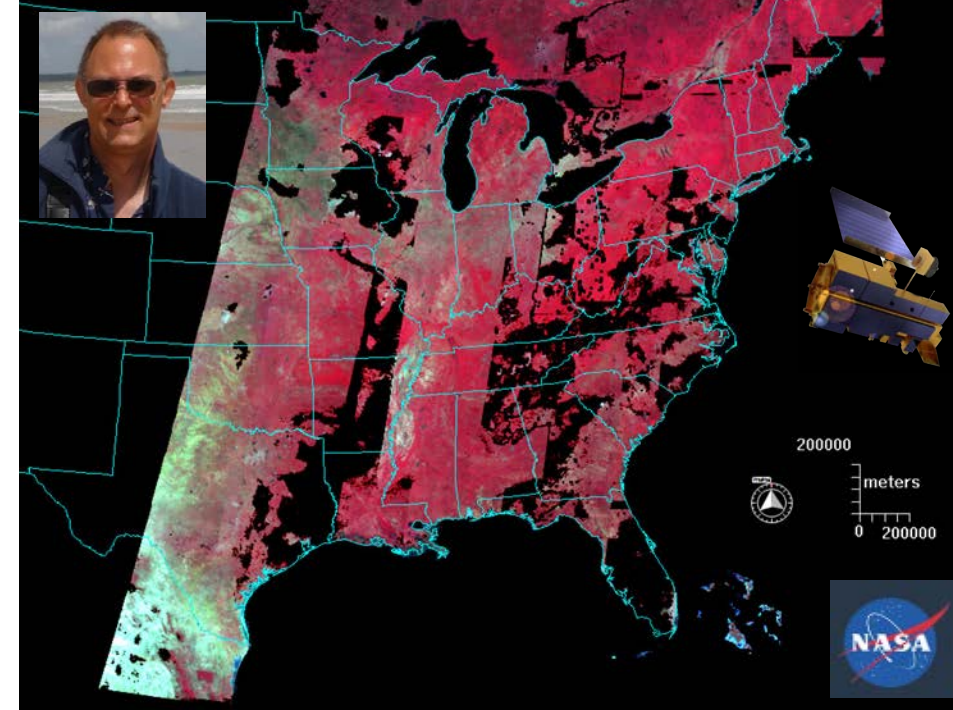


# Two Decades of Changes in Forest Biomass in the Contiguous United States from NASA's Multiangle Imaging Spectro-Radiometer (MISR)

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- Goal: To generate forest aboveground biomass maps for the lower 48 states for 2000 – 2022. Maps for the southwest are [already published](#) at the Oak Ridge National Lab DAAC and MISR mapping [performance assessed](#) using lidar-based estimates. The map series shows forest growth and losses from wildfires, bark beetle, pathogens, storm damage, and harvest.
- Retrieved and processed data (~5,000 – 10,000 files per year) and composited to remove cloud contamination and non-land data, as shown (right). Data to fill the holes have been acquired and processed and are ready for compositing.
- Only two more steps are needed for the production of the complete forest map series for the conterminous United States.

False color composite image: RGB = composited NIR, Red, Green Bidirectional Reflectance Factors  
Black: missing data, non-land areas.



Previously →  
published  
forest biomass  
map series for  
the southwest  
U.S. (this one  
for 2005).

