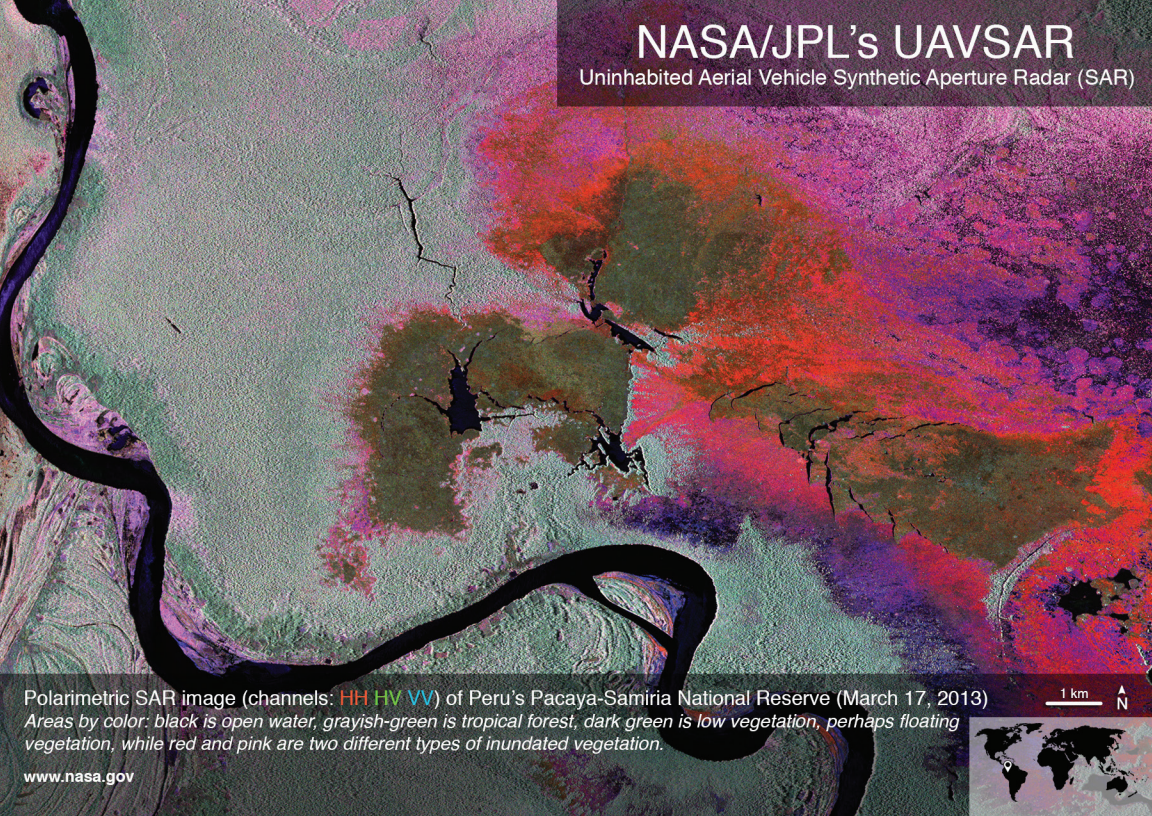


NASA/JPL's UAVSAR

Uninhabited Aerial Vehicle Synthetic Aperture Radar (SAR)

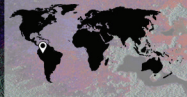


Polarimetric SAR image (channels: **HH** **HV** **VV**) of Peru's Pacaya-Samiria National Reserve (March 17, 2013)

Areas by color: black is open water, grayish-green is tropical forest, dark green is low vegetation, perhaps floating vegetation, while red and pink are two different types of inundated vegetation.

www.nasa.gov

1 km 



National Aeronautics and
Space Administration



The Uninhabited Aerial Vehicle Synthetic Aperture Radar (UAVSAR) provides measurements used to study vegetation, soil moisture, ice, and changes in the Earth's surface.



Originally developed to fly in a single pod underneath NASA's Gulfstream-III jet, the system has been modified to fly on the long-range high endurance Global Hawk UAV. UAVSAR's modular design is reconfigurable between multiple radar bands (L, P, Ka) and is used both as a flying test-bed for the development of future space missions and to gather valuable airborne data for ongoing Earth science research.

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UAVSAR Website:
<http://uavsar.jpl.nasa.gov>

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