

# Science on the Shore

## Operation IceBridge



Featuring a free presentation by

**Jim Yungel**

**Airborne Topographic Mapper Project**

**When:** Thursday, August 20<sup>th</sup>, 2015, at 5:00 pm  
**Where:** NASA Wallops Flight Facility Visitor Center  
Rt. 175 on the way to Chincoteague Island, VA

Operation IceBridge (OIB) is the largest airborne survey of Earth's polar ice ever flown. It will yield an unprecedented three-dimensional view of Arctic and Antarctic ice sheets, ice shelves, and sea ice. These flights will provide a yearly, multi-instrument look at the behavior of the rapidly changing features of the Greenland and Antarctic ice.

Data collected during IceBridge will help scientists bridge the gap in polar observations between NASA's Ice, Cloud and Land Elevation Satellite (ICESat) -- in orbit since 2003 -- and ICESat-2, planned for 2018. ICESat stopped collecting science data in 2009, making IceBridge critical for ensuring a continuous series of observations.

In his presentation, NASA OIB Airborne Topographic Mapper Project Leader Jim Yungel will give an overview of OIB flights and results obtained thus far.

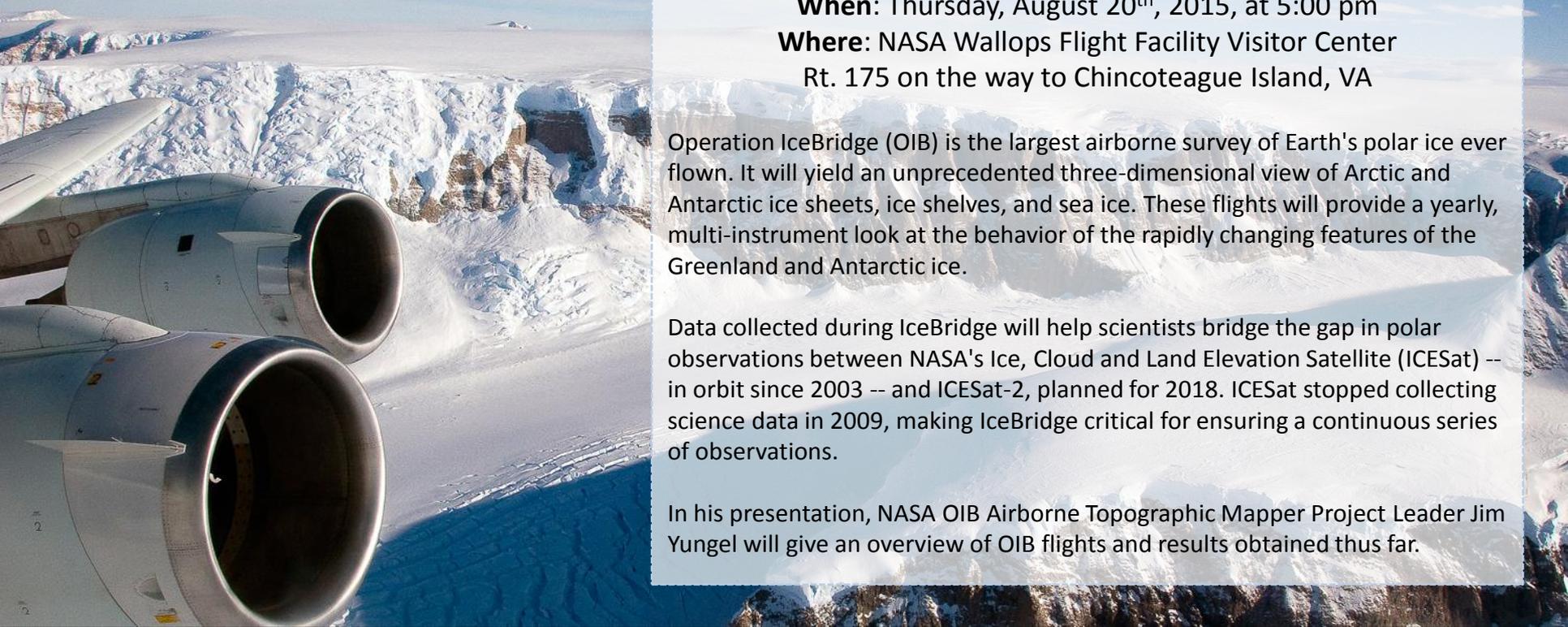


Image: M. Studinger

*Science on the Shore is a collaboration of  
the National Aeronautics and Space Administration, Chincoteague Bay Field Station,  
U.S. Fish and Wildlife Service, The Nature Conservancy, and Eastern Shore Community College.*

