



How NOAA Jump-Started the 2017 Satellite Conference to Engage the Audience

Mark Paese, Jordan Gerth, Mara Browne

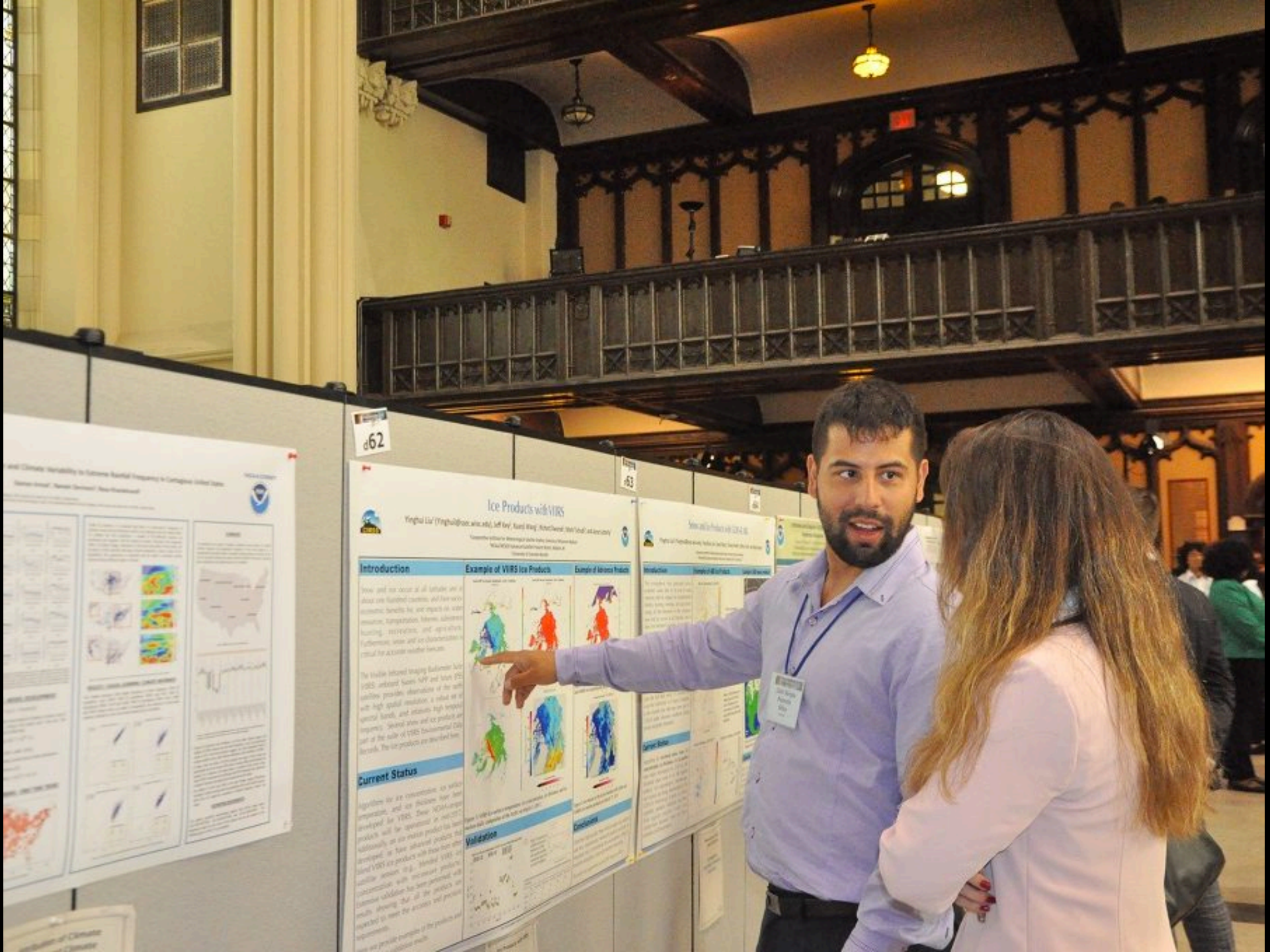
American Meteorological Society Annual Meeting ♦ 27th Symposium on Education
6.1A ♦ 8:30 AM Wednesday, 10 January 2018



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62

Ice Products with VIIRS

Yinghui Liu (Yinghui@noaa.gov), Jeff King (Jeff.King@noaa.gov), and Jennifer
Kanevskiy (Jennifer.Kanevskiy@noaa.gov)

Introduction

Snow and ice cover at all latitudes are in
almost one hundred countries, and have an
economic, climatic, and social impact on
navigation, transportation, tourism, agriculture,
housing, recreation, and operations.
Furthermore, snow and ice characteristics
are critical for accurate weather forecasts.

The Visible Infrared Imaging Radiometer Suite
(VIIRS) onboard Suomi NPP and Terra-2
satellites provides observations of ice with
high spatial resolution, high temporal
frequency, and various high spectral
responses. Several snow and ice products are
part of the suite of VIIRS Environmental Data
Records. The ice products are described here.

Current Status

VIIRS ice products are operational as of
September 2012. The VIIRS ice products have
been developed for VIIRS. Some VIIRS ice
products will be operational in near future.
Additionally, an ice product has been
developed. In future, VIIRS ice products will
be developed. VIIRS ice products will be
developed with improved products.
Continued validation has been performed.
Results showing that all the products are
operational to meet the accuracy and precision
requirements.

Example of VIIRS Ice Product



Example of Ice Product



Validation

VIIRS ice products are validated against
in situ observations and other satellite
products. The VIIRS ice products are
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Conclusions

VIIRS ice products are operational and
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VIIRS Ice Products with MODIS

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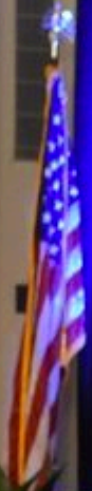
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 - The BIP-M;
 - Via VLabs (especially during the I
 - Special Workshops on Satellite M
 - Special programs for the Operati
 - online Continuous Professional D





Bridging Information and Interaction

The Meeting

City College of New York

3.5 days

387 attendees (max)

The Platform

Sli.Do

277 active users (72%)

193 audience questions

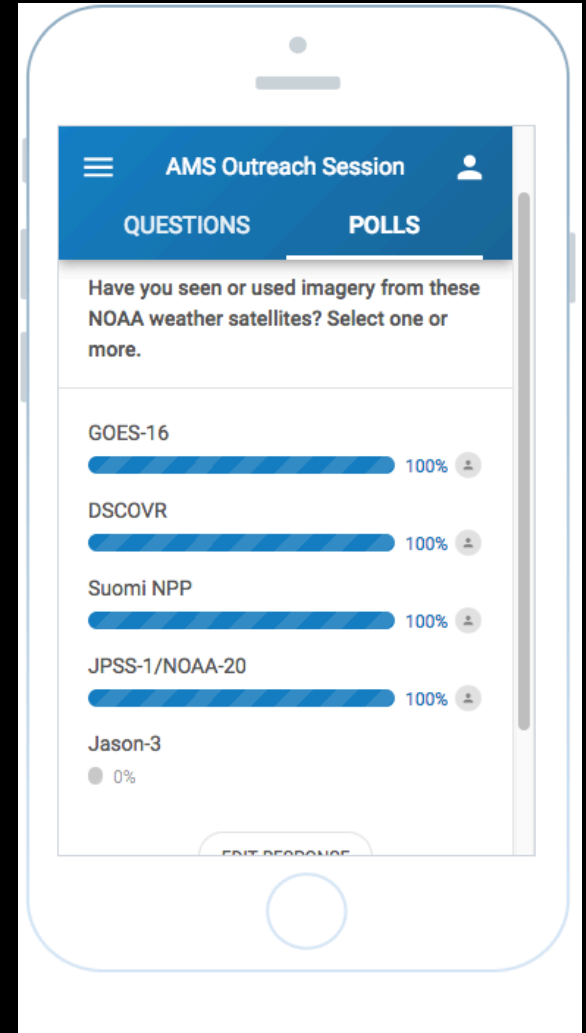
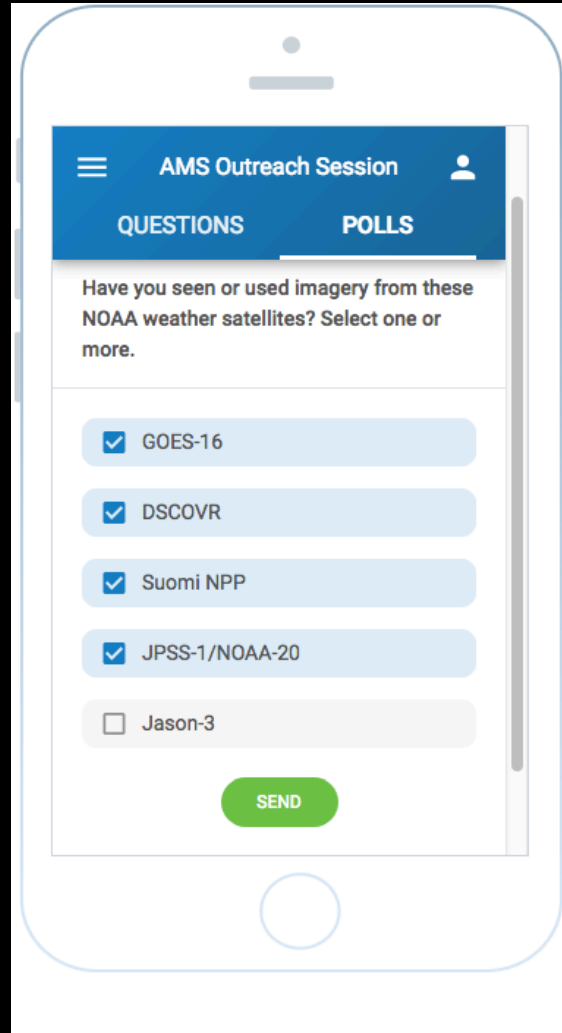
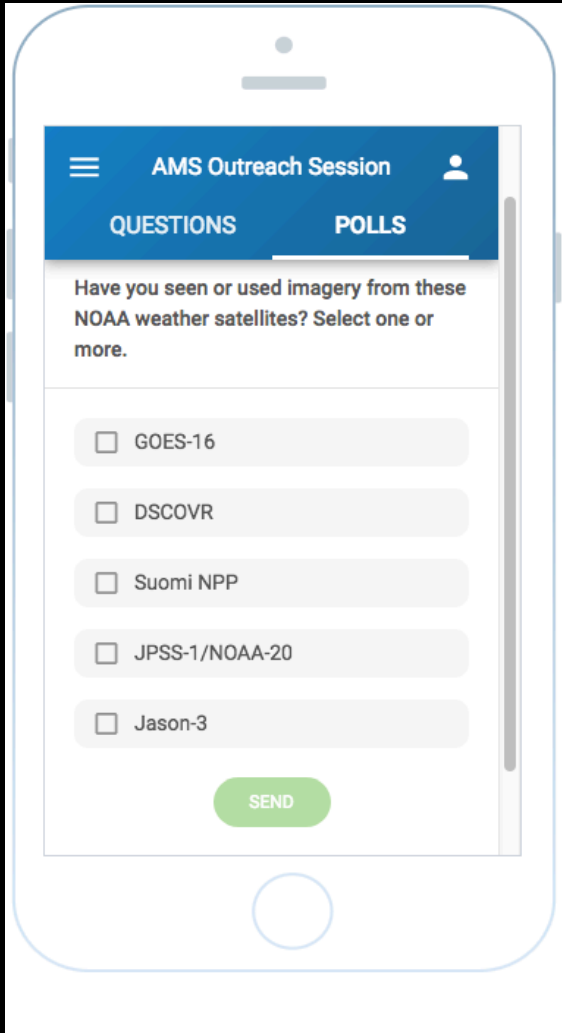
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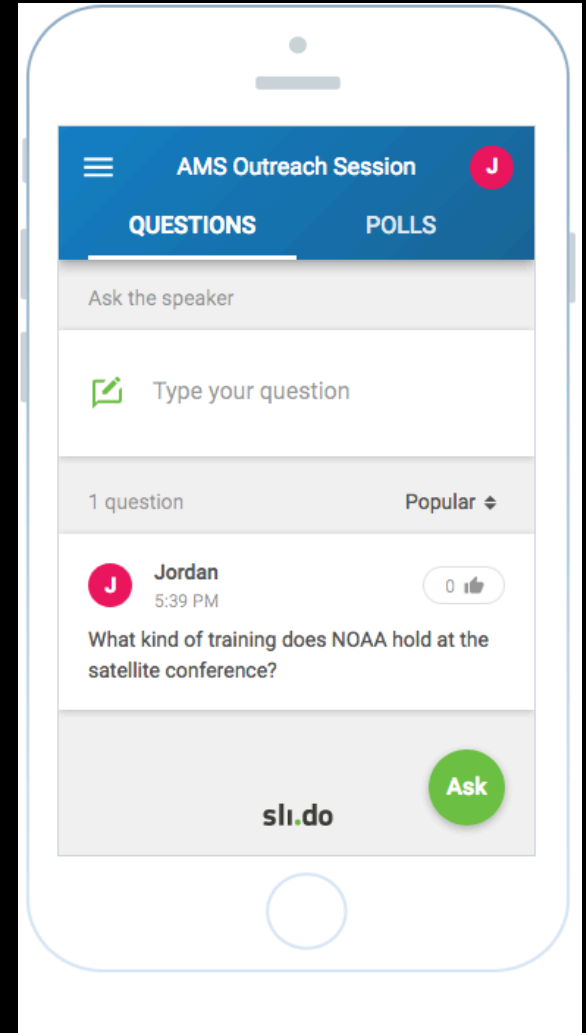
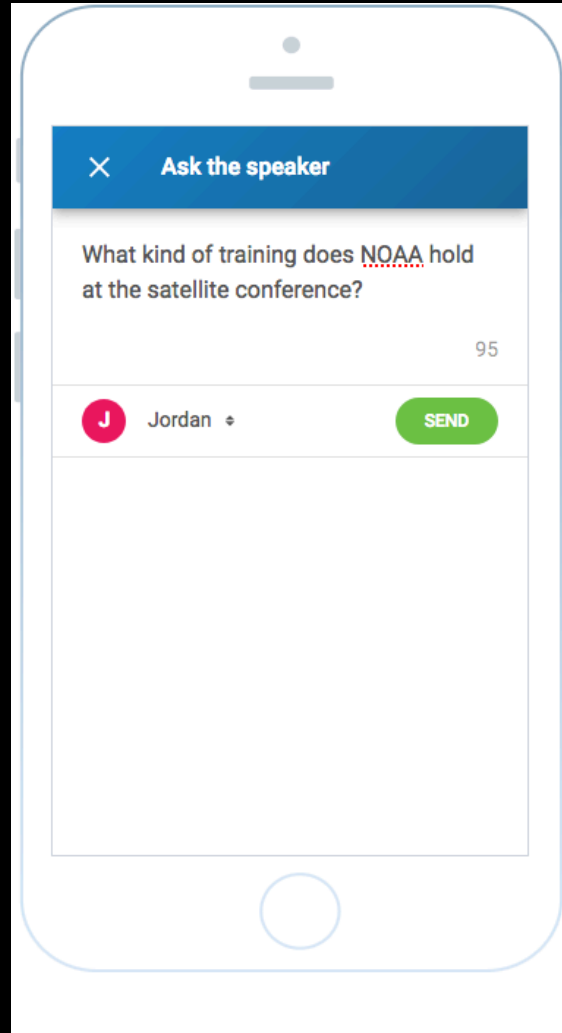
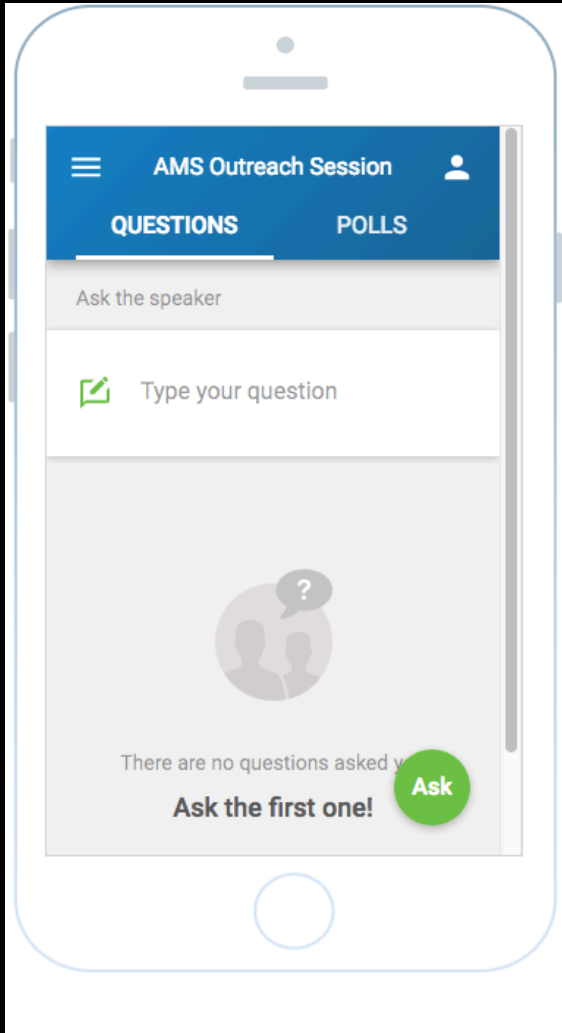
Event #AMSEDU

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A New Era for NOAA Environmental Satellites

**2017
NOAA SATELLITE
CONFERENCE**

**JULY 17-20, 2017
NEW YORK**

Thanks to...

Alex Lamers
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Marc Moser

Jacob Inskeep
Kelley Williams



Questions?

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