# Weekly Report

RAMMB / CIRA
Cooperative Research Program Division (CoRP)
STAR/NESDIS
National Oceanic and Atmospheric Administration (NOAA)

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## Products and Applications

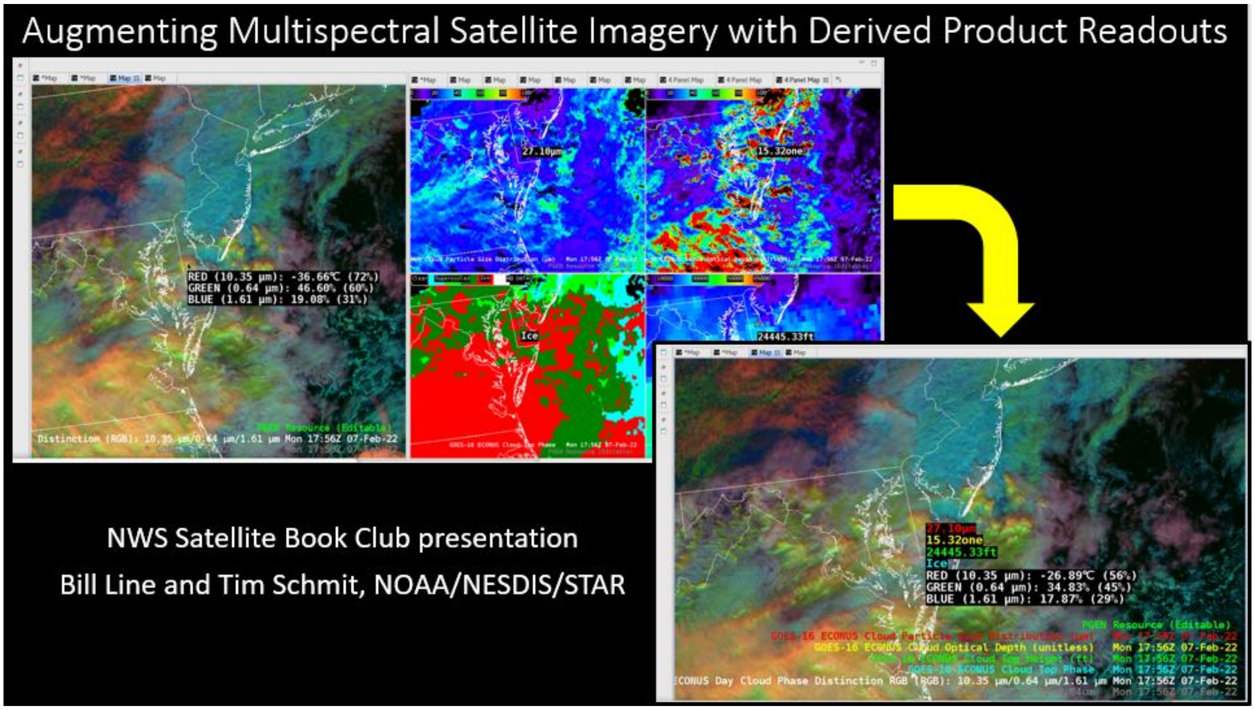
## Awards and Recognition

## Publications

## Media and Outreach

## Workshops, Conferences, and Meetings

**Satellite Book Club Seminar:** B. Line and T. Schmit presented "Augmenting Multispectral Satellite Imagery with Derived Product Readouts" for this week's Satellite Book Club (SBC) Seminar Series. The presentation introduced a new series of AWIPS menu items and displays that seek to broaden NWS use of GOES L2 products in an efficient manner, while also strengthening user understanding of multispectral imagery products. The innovative approach was developed by Bill and Tim, and implemented into operational AWIPS via TOWR-S RPM v22. The SBC convenes weekly to provide an opportunity for scientists throughout the NOAA satellite domain to share a topic of interest, followed by an open discussion. There were over 75 entities in attendance. A recording for the webinar can be found here. (POC: B. Line, CoRP/RAMMB, T. Schmit, CoRP/ASPB, bill.line@noaa.gov, tim.j.schmit@noaa.gov) Funding: PDRA




**National Academies Workshop:** The National Academies of Science, Engineering and Medicine hosted a workshop on *Machine Learning and Artificial Intelligence to Advance Earth System Science: Opportunities and Challenges,* which took place virtually on Feb 7, 10 and 11, 2022. Imme Ebert-Uphoff served as panelist on a 4-person panel on Day 2 which considered *Challenges and Risks of Using ML/AI for Earth System Science.* The panel lasted about an hour and attracted an audience of over 300 people. Recordings of the workshop will be made available on the workshop website, see LINK. (POC: I. Ebert-Uphoff, CIRA, iebert@colostate.edu) Funding: NSF

## Training and Education

**FDTD Satellite Applications Webinar**: D. Bikos coordinated with S. Lindstrom (CIMSS) and B. Motta (NOAA/NWS/OCLO/FDTD) to deliver a Forecast Decision Training Division (FDTD) Satellite Applications webinar on 9 February 2022. The webinar was led by Dave Radell (NWS WFO New York, NY) and Brian Haines (NWS WFO Philadelphia, PA) and titled "Post Tropical Depression Ida: Forecasting and messaging a high impact event with the aid of satellite". The webinar was attended by 12 NWS offices (mostly WFOs). All FDTD Satellite Applications webinars are recorded and made available for viewing at: https://rammb.cira.colostate.edu/training/visit/satellite_chat/ and also made available on the NOAA CLC. (POC: D. Bikos, CIRA, Dan.Bikos@colostate.edu) Funding: VISIT / SHyMet

**VISIT teletraining**: D. Bikos led the VISIT teletraining session titled "Integrating GOES into Mesoanalysis" on February 4, 2022. The teletraining was attended by NWS WFO Huntsville, AL. (POC: D. Bikos, CIRA, Dan.Bikos@colostate.edu) Funding: VISIT / SHyMet

**Other**