Weekly Report

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CIRA
STAR/NESDIS
National Oceanic and Atmospheric Administration (NOAA)
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Submitted by: Maranda Hutson
Date of Submission: 21 November 2025
Prepared by: CIRA and STAR contributors

Products and Applications

Publications (Citation: followed by a short Summary: (Why & so what), & detailed summary):

Awards and Recognition

Taiga Tsukada attended the Meteorological Society of Japan (MSJ) 2025 fall conference to receive the 2025 Yamamoto Award from the MSJ. His award ceremony and commemorative lecture were held on November 5 during the conference. The ceremony brought together recipients of the MSJ's other awards as well. This year, the Yamamoto Award was presented to three researchers, all of whom are conducting their work outside Japan—in the US, Germany, and France.

A detailed article from CIRA is available here: https://www.cira.colostate.edu/science-stories/taiga-tsukada-receives-yamamoto-award-from-the-meteorological-society-of-japan/

(POC: T. Tsukada, CIRA, taiga.tsukada@colostate.edu) Funding: NOAA/ONR

Media Interactions and Request

Blog Posts and Social Media

Travel, Workshops, Conferences, and Meeting Reports

AI Outreach: Kathy Haynes gave an invited talk at Colorado State University's GIS Day, which is held annually to introduce students to various applications in Geographical Information Science. This year the workshop was focused on using AI and adapting geospatial science applications to incorporate artificial intelligence and machine learning. The talk titled "Utilizing AI to Aid Weather Forecasting" focused on weather-based applications that use AI as a tool for improving tropical cyclone and severe weather forecasts. (POC K. Haynes, CIRA, katherine.haynes@colostate.edu) Funding: NOAA & ONR.
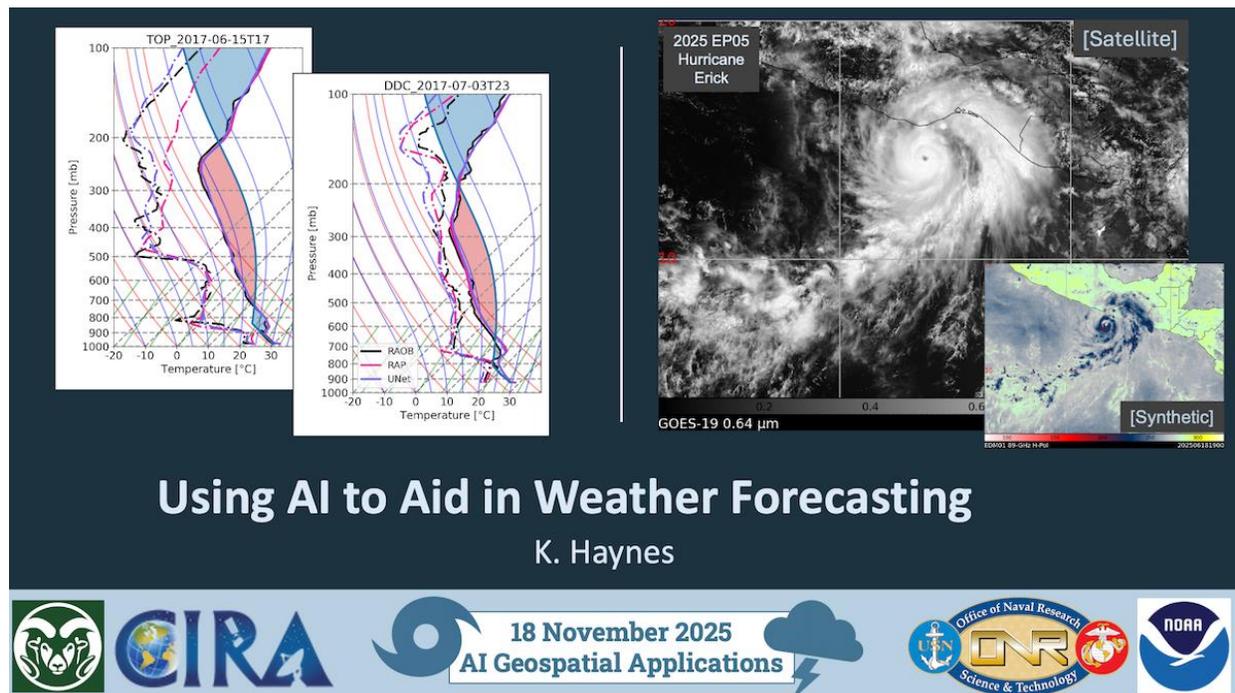
Training and Education Activities

New Training Session: A new training session titled "Applications of Data Fusion Techniques to Fire Detection" was developed and recently published to VISIT webpages and the NOAA CLC. The training applies data fusion techniques to the task of wildland fire detection. The target audience is NWS forecasters but anyone may take the training since it is available on VISIT webpages at
https://rammb2.cira.colostate.edu/trainings/visit/training_sessions/data_fusion_fire_detectio

n/ (POC: D. Bikos, CIRA, Dan.Bikos@colostate.edu) Funding: GOES

Updated GeoColor Quick Guide: The GeoColor Quick Guide has been updated to reflect the recent changes associated with inclusion in the TOWR-S RPM version 26 on November 20, 2025. This includes use of ProxyVis at night over oceans and also a "tighter" terminator which allows for up to an hour additional viewing time with daylight at sunrise/sunset. The quick guide is available at: https://rammb2.cira.colostate.edu/guides/geocolor/
(POC: D. Bikos, Dan.Bikos@colostate.edu, C. Seaman, Curtis.Seaman@colostate.edu, E. Sanders, Erin.Sanders@colostate.edu, CIRA) Funding: GOES

Future Meetings and Events (dates, meeting/event, location, staff involved)

Other

A. DesRosiers completed a second review for a manuscript submitted to the American Meteorological Society's Monthly Weather Review (POC: A. DesRosiers, CIRA, Alex.DesRosiers@colostate.edu)