

The logo for the Interagency Council for Advancing Meteorological Services (ICAMS). It features the acronym "ICAMS" in a large, blue, serif font. Below the acronym, the full name "Interagency Council for Advancing Meteorological Services" is written in a smaller, black, sans-serif font. The background of the logo is a light gray with a subtle, abstract pattern.

Interagency Council for Advancing
Meteorological Services

The Inaugural ICAMS AI/ML Workshop

4 Nov 2024

ICAMS Executive Director- Joseph Cione

AI/ML ICAMS Workshop: The first in a series...

AI/ML in Earth Observations, Predictions, and Services

► Workshop Motivation...

- AI/ML is a new, global-in-scale, transformative and transgressive technology
- ICAMS (with its 26 member agencies) allows for a broader view of the application of AI/ML

► What we hope you to take away from today's gathering...

- An improved understanding of what (some) ICAMS agencies are doing as it relates to AI/ML
- Consider ways that your agency might wish to collaborate and/or build new AI/ML pathways and partnerships within ICAMS

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- ▶ **Desired outcome - identify collaborative AI/ML opportunities, gaps and priorities**
 - ▶ Generate a workshop report with key findings, outcomes and next steps
- ▶ **Based on today's key outcomes & findings lay the groundwork for a 2nd ICAMS AI/ML workshop**
 - ▶ A 2nd ICAMS AI/ML workshop could focus on recurring challenges or mutually beneficial outcomes that AI/ML could help resolve or advance across the federal meteorological enterprise
 - ▶ The details and specifics of which will hopefully become a bit clearer later today...

Before we begin...

ICAMS/IMCO highlights FY24-25

- ▶ ICAMS Charter 2.0 review in process with OSTP - seeking more flexibility for ICAMS leadership & implementing comments from Committees and Council Co-Chairs
- ▶ Stood up the ICAMS Steering Group (SG1 held Sept 2024; SG2 coming in Feb 2025)
- ▶ Convening the inaugural ICAMS AI/ML workshop
- ▶ IMCO convening AMS ICAMS Town Hall (New Orleans 12-17 Jan)
- ▶ IMCO hosting TCORF and Winter Season Conf in March 2025
- ▶ WG-ARE working with GAO on reconnaissance aircraft instrumentation challenge
- ▶ FY 24-25 Budget Consolidation Report (BCR) sent to OMB (congressionally mandated)
- ▶ CyFI hosting Subcommittee-COPC Oct 2024
- ▶ Formed two new Task Forces (Helicopter Operations) and new Working Group (Uncrewed Aerial Systems) under CObS
- ▶ Several new IMCO/ICAMS collaborative initiatives being formulated for membership consideration in 2025 (i.e. SBIR best practices, Transition Planning (O2R; R20; R2R etc))