



Plenary 3: Challenges and Solutions to Enhance ICOADS

Co-Chairs: Shawn Smith and Steven Worley
Rapporteur: Eric Freeman

Three Topic Areas

1. Enhancing Data in ICOADS

2. Enhancing Access to ICOADS

3. Enhancing/Enabling Integration of In Situ and Remotely-Sensed Observations

As we discuss potential enhancements to ICOADS, please consider:

1. Benefit to the satellite and marine/land climate communities

2. Where we can leverage existing/ongoing activities (e.g., related programs)

3. What are the challenges?

4. Any recommendations or actions

Enhancing Data in ICOADS

- What new/additional digital observations are available?
 - Do you know there is software to help you create IMMA records from your sources?
- What additional parameters could be added?
- Can existing analyses be leveraged to enhance ICOADS?

Enhancing Data in ICOADS

- What impacts IVAD have?
 - Would it change the potential usage in community?
 - Would you or your community contribute?
- What metadata can make ICOADS be more useful?
- Can other marine records be added to monthly NRT?
- Other issues/ideas?

Enhancing Access to ICOADS

- Are there barriers to access?
 - W/o all communities, (satellite, marine, land)
- Would it be desirable to distribute the archive internationally?
 - Would it be an advantage to push monthly updates (based on GTS) to the international community?
- Other issues/ideas?

Enhancing/Enabling Integration of In Situ and Remotely-Sensed Observations

- What types of data services are needed?
- What changes to ICOADS would benefit the satellite community?
- Are there data quality barriers for ICOADS usage in the satellite community?
- Other issues/ideas?