

**International Cooperative for Aerosol Prediction (ICAP)**  
**12<sup>th</sup> Technical Working Group Meeting:**  
**10 Years of a Global Aerosol Forecast Community: What's next?**  
**June 2-4, 2020**  
**1<sup>st</sup> announcement**

**Location: Hilton Garden Inn, 1000 Aguajito Road, Monterey, CA, 93940, USA**  
**Reservation information below with additional information to follow**

**Sponsored by: NASA Radiation Sciences Program and the Naval Research Laboratory**

**ICAP Website:** <http://icap.atmos.und.edu>

**Rationale:** In April 2010, aerosol system developers from the world's global modeling and remote sensing centers met in Monterey CA to discuss the transition from the MODIS era to the next generation of sensors. This community quickly crystalized into the International Cooperative for Aerosol Prediction (ICAP). Over the past 10 years, ICAP has been a venue for the coordination of best practices of global aerosol forecasting, satellite data product development, data assimilation and verification. Collaborative systems development and data distribution is fostered by ICAP members, and the consensus AOD ICAP-Multi Model Ensemble (ICAP-MME). ICAP is frequently called on as a neutral body for evaluations and opinions of data requirements. After a decade, ICAP continues to grow, with membership by developers including at BSC, Copernicus, ECMWF, EUMETSAT, ESA, FMI, JAXA, JMA, MeteoFrance, NCAR, NASA, NOAA, NRL, SSEC, UKMO.

**Overarching Goals and Expected Outcomes:**

At the 10 year anniversary of ICAP, the meeting returns to Monterey CA to evaluate how the global aerosol community has developed, and what are the needs and challenges of the decade to come. Topics include

- a) Next generation satellite sensors, retrievals, and anticipated data assimilation technologies
- b) Aerosol medium range and seasonal forecasting within global NWP models
- c) Continued development of multi model consensus products and ensembles
- d) Incorporation of ground network information into aerosol systems.
- e) Big data analysis, sharing and archival best practices
- f) More unified data conventions and verification metrics

**Eligibility:** Attendance is by invitation only and must be coordinated with a core ICAP member agency representative (e.g., BSC, Copernicus, ECMWF, ESA, EUMETSAT, JAXA, JMA, FMI, MeteoFrance, NASA, NOAA, NRL, UKMO). Please contact your nearest regional meeting organizer for participation or enquire with the program committee below.

**Registration and Fees:** No registration fees are required. For registration, at the moment please RSVP directly with [jeffrey.reid@nrlmry.navy.mil](mailto:jeffrey.reid@nrlmry.navy.mil) at your earliest convenience. More formal registration information to follow.

**Hotel and Meeting Room Information:**

A block of rooms have been reserved and soon be made available:

**Hilton Garden Inn.** 1000 Aguajito Road, Monterey, CA, 93940, USA

The meeting will be held on site. This hotel is a 10 minute walk to the beach and 20 minute walk to downtown Monterey. A room block will be made available at the US Government per diem rate of \$161/day from May 30-June 6th 2020.

[https://hiltongardeninn.hilton.com/en/gi/groups/personalized/M/MRYMHGI-ICA-20200601/index.jhtml?WT.mc\\_id=POG](https://hiltongardeninn.hilton.com/en/gi/groups/personalized/M/MRYMHGI-ICA-20200601/index.jhtml?WT.mc_id=POG)

**Getting to Monterey.**

Monterey airport (MRY) is serviced by several airlines including United, American and Alaska, and the hotel is a short (\$15) taxi ride from the airport. The Monterey area is also serviced from San Francisco (SFO) and San Jose (SJC) airports by Monterey Airbus (<https://www.montereyairbus.com/>) including stops to the Hilton Garden Inn (please make that selection in the dropoff/pickup locations menu).

**More information:**

Questions regarding meeting organization and format can be directed to:

**Jeffrey S. Reid**

Naval Research Laboratory  
[jeffrey.reid@nrlmry.navy.mil](mailto:jeffrey.reid@nrlmry.navy.mil)  
+1 (831) 656-4725

**Peter Colarco**

NASA Goddard SFC  
[Peter.R.Colarco@nasa.gov](mailto:Peter.R.Colarco@nasa.gov)  
+1 (301) 614-6382

**Taichu Tanaka**

Japanese Meteorological Agency  
[taichu\\_tanaka@met.kishou.go.jp](mailto:taichu_tanaka@met.kishou.go.jp)

**Angela Benedetti**

ECMWF  
[Angela.Benedetti@ecmwf.int](mailto:Angela.Benedetti@ecmwf.int)

**Logistics Coordinator**

**Susan Mcfadden**

NASA ESPO  
[susan.k.mcfadden@nasa.gov](mailto:susan.k.mcfadden@nasa.gov)  
+1 (650) 402-5031