

FIRST CIRCULAR

The 16th JCSDA Technical Review Meeting & Science Workshop on Satellite Data Assimilation

May 30 –June 1, 2018

will be held at the

National Oceanic and Atmospheric Administration (NOAA)
David Skaggs Research Center (DSRC)
325 Broadway
Boulder, CO 80305

For dining and accommodation options in Boulder please visit:

<https://www.bouldercoloradousa.com/>

Introduction:

The annual Technical Review Meeting and Science Workshop provides a forum to review the recent and planned scientific development sponsored by the NASA-NOAA-DOD Joint Center for Satellite Data Assimilation, (JCSDA.) It enhances coordination of these efforts internally and with the broader research community. In addition to the formal presentations, the agenda will include extensive time for informal discussions among scientists from all the JCSDA partners and with JCSDA managers. JCSDA management greatly values the recommendations and ideas put forth during the meeting, and these serve as one of the inputs when developing technical directions for future activities.

The JCSDA Science Steering Committee has defined six primary scientific priority areas:

- Radiative Transfer Modeling
- Preparation for assimilation of new data, and data from new instruments
- Assimilation of satellite data impacted by clouds and precipitation
- Assimilation of land surface satellite observations
- Assimilation of ocean surface satellite observations
- Atmospheric composition; chemistry and aerosol

The JCSDA manages these tasks within a number of Projects:

- Community Radiative Transfer Modeling (CRTM)
- Joint Effort for Data assimilation Integration (JEDI)
- Sea-ice, Ocean, and Coupled Assimilation (SOCA)
- Impacts of Observing Systems (IOS)
- New and Improved Observations (NIO)

The JCSDA partners (NASA-NOAA-DOD) contribute core personnel and services, in-kind members and services, and supported external researchers to support these efforts. To fulfill the Center's mission of accelerating and improving the use of satellite data in operational analysis and predictions, it is essential that all of these efforts be complementary, well-coordinated, and aligned with both the over-arching priorities and the current projects. The JCSDA technical review meeting and science workshop is intended to facilitate this coordination.

Who Should Participate

All JCSDA Principal Investigators (PIs) for Project tasks, and investigators for major sub-tasks, are expected to report on the progress and accomplishments for the last year, and the plans and prospects for the coming year, noting alignment with the Annual Operating Plan as appropriate. All JCSDA-funded external PIs are expected to attend, and to make an oral presentation on their progress report and to indicate what they plan to do over the next year. Other researchers whose efforts may contribute to the advancement of the JCSDA projects and science priorities are invited to present as well. Finally, science and technical managers from the JCSDA partner agencies are invited to attend. All attendees are encouraged to participate in discussions about the recent and near-term work of the JCSDA as well as longer-term science, technical, and strategic considerations.

Organization of the Meeting

The JCSDA Technical Review Meeting and Science Workshop on Satellite Data Assimilation will include invited talks, contributed oral presentations, and contributed posters. To facilitate integration across all work (as well as all participants), parallel sessions will **not** be conducted. Time will be budgeted to encourage presenters to interact with the audience, and opportunities will be provided for contributions from all current scientific priority areas, as well as emerging ones.

A dedicated poster session is scheduled. Note that posters will be mounted on their panels the first morning of the meeting and will remain on display until the end of the meeting. This arrangement allows scientists to discuss the content of the posters not only during the poster session but also during coffee breaks and lunch breaks.

Registration and Fees:

All information about registration and logistical details (including online registration) will be available via the JCSDA website. Online registration is now open. To register, please use this following link: <https://cpaess.ucar.edu/meetings/2018/16th-jcsda-technical-review-meeting>.

NOTE: Foreign Nationals MUST REGISTER BY April 30th, 2018 in order to gain approval for their access to the DSRC. Additional information regarding documentation and required identification will be addressed in a subsequent circular.

There is no registration fee for the Meeting. Arrangements will be made for refreshments and lunches. Instructions on paying for these will be provided in a subsequent circular.