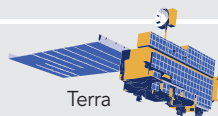National Aeronautics and Space Administration

NASA DIRECT READOUT CONFERENCE (NDRC-9)

THE 9TH INTERNATIONAL EOS/S-NPP DIRECT READOUT CONFERENCE

Valladolid, Spain
June 21 – 24, 2016

Enabling Real-Time Earth Observations for Societal Benefits

Terra

Aqua

S-NPP

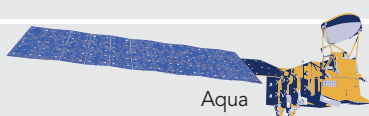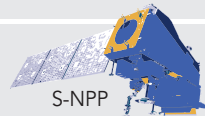The purpose of the NASA Direct Readout Conference (NDRC) is to provide a venue for awareness and exchange of remote sensing science research and corresponding real-time applications using Direct Readout, or real-time Earth observations from NASA Earth Observing System (EOS) and Suomi NPP (S-NPP) instrument data, along with exposure to enabling technologies.

Toward this purpose we will have plenaries and poster sessions but also incorporate several workshops focused on specific real-time applications, algorithms, and systems. This will be enhanced by vendor presence to provide keen insights into algorithm and system implementation onto operational systems, as well as commercial availability of such capabilities.

This conference will enable attendees to:

- Exchange and share techniques and knowledge for the optimal use of real-time Earth observations
- See demonstrations and evaluations of Earth observations benefiting society
- Discover and discuss the latest EOS/S-NPP science algorithms for real-time applications
- Understand what constitutes decision support system application algorithms

and information, and discuss and help define what is needed in such systems

- Discuss approaches, methods and techniques to transition research Earth remote sensing algorithms to real-time applications algorithms that are able to generate information for decision support systems
- Better understand the transition from MODIS instrument algorithms to VIIRS-based algorithms in generating equivalent geophysical parameter products
- Better understand the differences between real-time algorithms and standard algorithms from various sources
- See and hear first-hand what technology tools are available to support real-time Earth observation product generation for decision support systems
- Better understand the breadth and scope of how the EOS and S-NPP instrument data can support real-time applications

We also invite you to make a presentation or present a poster that addresses any of the following themes:

- Using EOS/S-NPP Instrument Data in Applications for Societal Benefits
- Science and Real-time EOS/S-NPP Algorithms for Direct Readout

- Direct Readout Technology Development, Measurement and Data Processing Techniques, Real-time Systems

The conference will consist of 4 overlapping segments: Plenary Sessions, Poster Presentations, Vendor Exhibits, and Discipline-based Workshops, which we hope will be inclusive of your interests and offer an opportunity to share your experience, expertise, capabilities, and concerns on the above NDRC themes.

The workshops will be organized by the leaders of the Direct Readout Discipline Steering Committees who the NDRC is partnering with to help focus and facilitate specific real-time applications, algorithms and systems that are of direct interest and concern to end application users; hence the reason for registering and voicing your interests early on.

REGISTER TODAY!
http://ndrc-9.gsfc.nasa.gov

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For more information, please visit http://ndrc-9.gsfc.nasa.gov or email us at ndrc-9@lists.nasa.gov