



**The Pecora 20 conference will be held November 13-16, 2017, in Sioux Falls, South Dakota.**

With emphasis on recent significant developments in remote sensing, the theme of Pecora 20 is "Observing a Changing Earth: Science for Decisions...Monitoring, Assessment, and Projection." This conference will offer a program on applications of satellite and other Earth observations to monitor, assess, and perform projections of future land and water resources, as well as big data and other analytical technologies to improve decision making utilizing satellite data.

The Pecora symposium series was established by the USGS and NASA in the 1970s as a forum to: 1) foster the exchange of scientific information and results derived from applications of Earth observing data to a broad range of land-based resources; and 2) discuss ideas, policies, and strategies concerning land remote sensing.

The preliminary program, list of plenary and town hall sessions, and workshops are now available to review at the conference website: <http://pecora.asprs.org/conference-overview/>.

## **SPEAKERS**

The following distinguished speakers of Pecora 20 include:

- ❖ Barbara J. Ryan – *Secretariat Director of the intergovernmental Group on Earth Observations (GEO)*
- ❖ Michael H. Freilich – *Director, Earth Science Division at NASA Headquarters*
- ❖ Harry A. Cikanek – *Director (acting), STAR – Center for Satellite Applications and Research*
- ❖ Samuel N. Goward – *Research Professor/Emeritus Professor, University of Maryland*
- ❖ Curtis E. Woodcock – *Professor of Earth and Environment, Boston University*
- ❖ Mike Warren – *Co-founder and CTO, Descartes Labs*
- ❖ Joe Mascaro – *Director of Academic Programs, Planet*
- ❖ Dr. Valerie Pasquarella – *University of Massachusetts Amherst*
- ❖ Todd Hawbaker – *USGS Research Ecologist*

## **WORKSHOPS**      <http://pecora.asprs.org/workshops/>

Workshops will be held in conjunction with the Pecora 20 conference all day Monday November 13, and the morning of Tuesday, November 14. All workshops last approximately 4 hours and include mid-workshop breaks.

***The first EROS CalVal Center of Excellence (ECCOE) Workshop will also be held Monday, November 13, and Tuesday, November 14. See page 3 for more details.***

Registration, Exhibit, and Sponsorship information can be found on <http://pecora.asprs.org/>.

**To take advantage of early registration fees, be sure to register by October 13, 2017!**





The EROS CalVal Center of Excellence (ECCOE) invites you to attend our first CalVal Workshop to address:

# Cross-calibration of Landsat 8 OLI and Sentinel 2 MSI and its impact on data interoperability

November 13-14, 2017

## Our Panel of Experts:

### Landsat Calibration

Brian Markham, *NASA GSFC*  
Ron Morfitt, *USGS EROS*

### Sentinel 2 Calibration

Ferran Gascon, *ESA*  
Sebastien Clerc, *ARGANS*

### Geometric Calibration

Jim Storey, *USGS EROS SGT*

### Landsat/Sentinel 2 Applications

Jeff Masek, *NASA GSFC*  
David Roy, *SDSU*  
Adam Lewis, *Geoscience Australia*  
Nima Pahlevan, *NASA GSFC*

## Workshop format:

- Presentations from panel of experts
- Panel discussions
- Audience Q&A

## Desired Outcomes:

- Better understanding of cross-calibration of Landsat and Sentinel 2.
- Understanding the impact of cross-calibration on data interoperability.
- Recommendations for further cross-calibration of these sensors.
- Recommendations for cross-calibration methodology of other optical remote sensors.
- Publication of workshop results.