

ZP11 Weekly Notes  
December 2, 2014

**DR. JEDLOVEC SELECTED TO BE CO-CHAIR OF WEATHER SOCIETAL BENEFIT AREA IN SUPPORT OF THE NATIONAL EARTH OBSERVATION**

**ASSESSMENT** ([gary.jedlovec@nasa.gov](mailto:gary.jedlovec@nasa.gov) / 256-961-7966). Dr. Gary Jedlovec has been selected by the Office of Science Technology and Policy (OSTP) as a Co-Team Leader for Weather Societal Benefit Area (SBA) in support of the development of the Second National Earth Observation Assessment (EOA 2016). As a Co-Team Lead, Dr. Jedlovec will lead an interagency team to ascertain the types of Earth observation data that have the highest impact on the successful conduct of the Nation's programs, including those of NASA. The development of the EOA 2016 is under the direction of the U.S. Group on Earth Observations (USGEO).

**UNIVERSITY OF ALABAMA IN HUNTSVILLE AND EARTH SCIENCE OFFICE HOSTED SECOND SUOMI NATIONAL POLAR ORBITING PARTNERSHIP (S-NPP) APPLICATIONS WORKSHOP** (email/call: [andrew.molthan@nasa.gov](mailto:andrew.molthan@nasa.gov)/256-961-7474):

The University of Alabama in Huntsville's Earth System Science Center and the MSFC Earth Science Office (ZP11) hosted the Second Suomi National Polar Orbiting Partnership (S-NPP) Applications Workshop at the Westin Huntsville Hotel from November 18-20, 2014. The two and a half day workshop featured over 40 presentations from the NASA Suomi NPP Science Team and Science Investigator-led Processing Systems and presentations from scientists and end users involved in the current NASA Applied Science Program focus areas of Disasters, Public Health and Air Quality, Water Resources, and Ecological Forecasting. The University and ZP11 contributed twelve oral or poster presentations to the workshop, demonstrating their significant presence in NASA's Applied Science community. In addition, the workshop featured four breakout sessions where participants exchanged ideas with NASA Applied Science program managers and associates regarding future data needs, requirements for near real-time data access, and ideas for collaboration in future application areas. In total, the workshop attracted 85-90 attendees across NASA, National Oceanic and Atmospheric Administration (NOAA), several universities, and commercial partners, who exchanged ideas for S-NPP applications and future collaborations.

**PARTICIPATION IN HEADQUARTERS MEETING WITH FEMA AND NRDC**

(email/call: [brad.zavodsky@nasa.gov](mailto:brad.zavodsky@nasa.gov)/256-961-7914): Mr. Bradley Zavodsky (ZP11) and Dr. Andrew Molthan (ZP11) participated in a teleconference meeting with members of the Federal Emergency Management Agency (FEMA) and Natural Resources Defense Council (NRDC) and Applied Science program managers at NASA Headquarters to discuss possible NASA datasets and capabilities that could be transitioned to these groups for aid in flood mitigation, forecasting, detection, and recovery. Mr. Zavodsky gave an invited overview of real-time soil moisture products that have been developed by the Short-term Prediction Research and Transition (SPoRT) Center that might be eventual candidates for use by FEMA or NRDC. The primary outcome of the meeting was a better understanding of the challenges and requirements of FEMA and NRDC and preliminary discussions of the types of NASA products that might be available to help with these challenges.

