

Emily
Berndt
NASA MSFC/SPoRT

Anita LeRoy (University of Alabama in Huntsville, NASA MSFC/SPoRT)
Christopher Schultz (NASA MSFC/SPoRT)

Poster

The NASA Short-term Prediction Research and Transition (SPoRT) center was established in 2002 to transition NASA satellite products and capabilities to the operational weather community to improve short-term weather forecasting. A research-to-operations/operations-to-research (R2O/O2R) paradigm has been the basis for transitioning over 50 satellite products to stakeholders over 20 years. Today SPoRT focuses on applied research and applications in 6 focus areas that span weather, atmospheric, and land surface topics with partnerships across government agencies, academia, and the private sector. An emerging focus area for SPoRT includes partnering with scientists to facilitate space weather R2O and especially the O2R feedback cycle. This presentation will highlight SPoRT's R2O/O2R paradigm, lessons learned, and emerging work to partner with space weather scientists within NASA to foster the translation of research to operations.

Poster category:

Poster category
Space Weather Policy and General Space Weather Contributions
Meeting homepage
[Space Weather Workshop 2025](#)
[Download to PDF](#)