The Space Weather TREC (SWx TREC) Portal



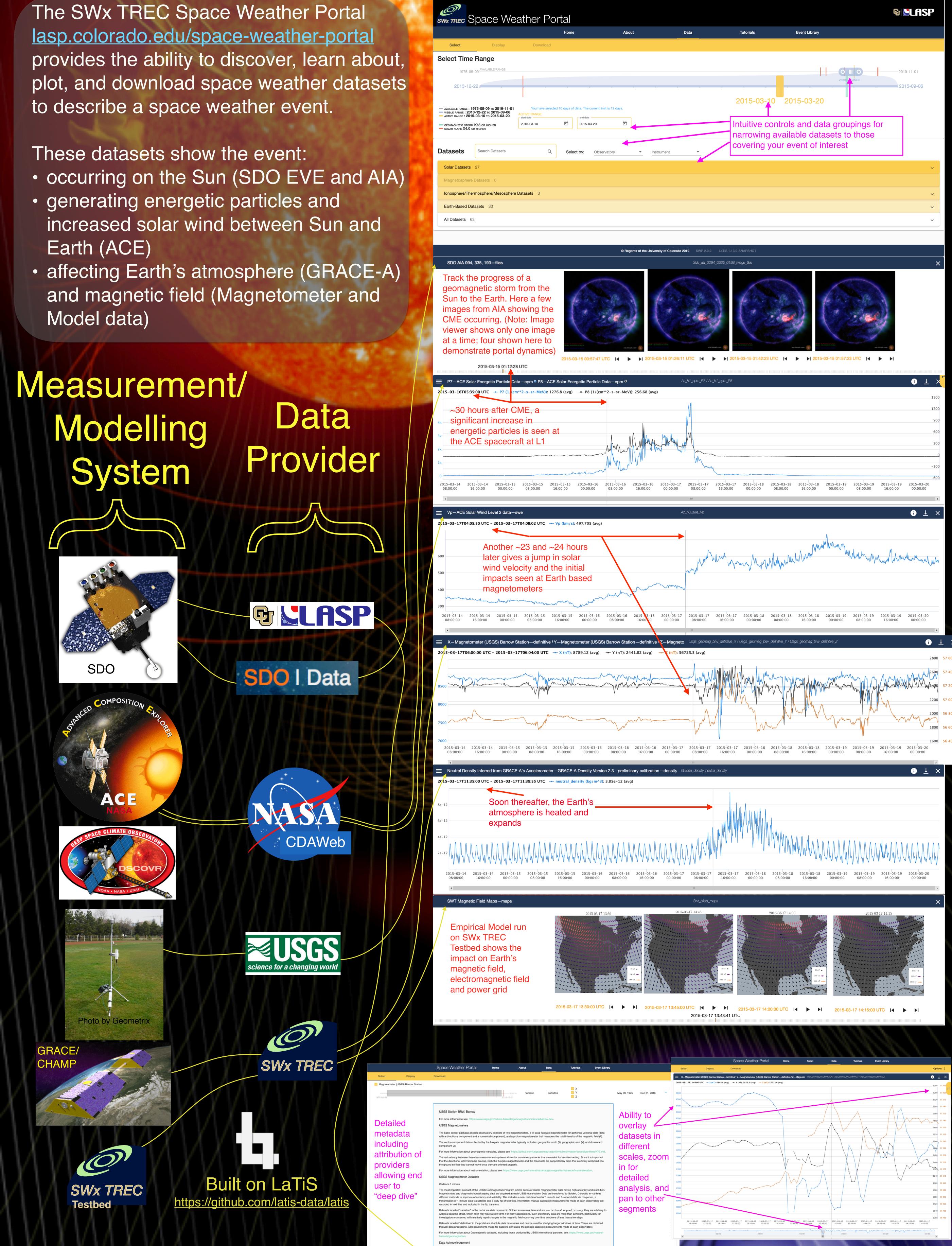


Tom Baltzer, Jennifer Knuth, Doug Lindholm, Greg Lucas, Christopher Pankratz, Tom Berger, and the CU LASP Web Team



SPACE WEATHER CENTER

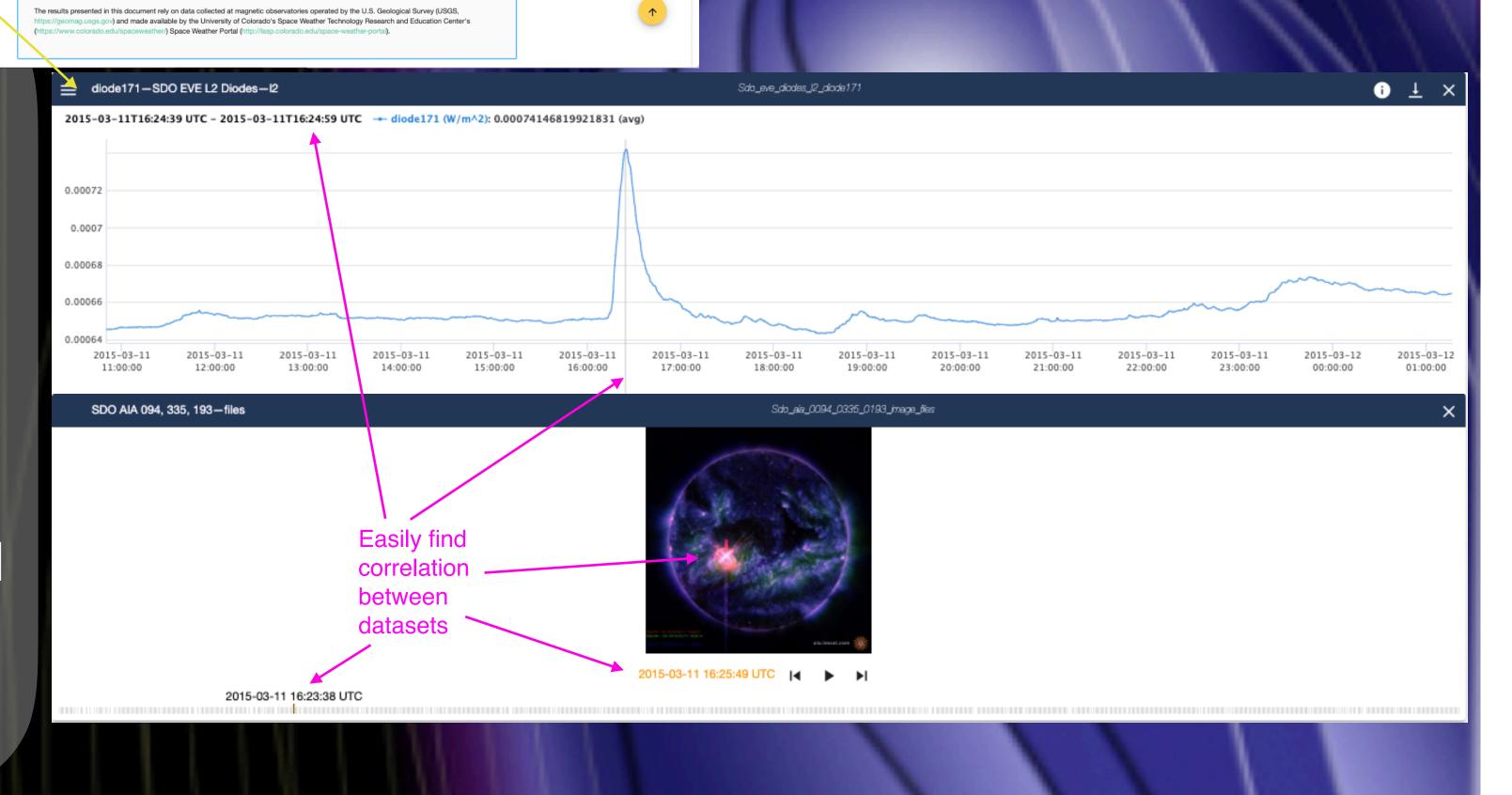
- increased solar wind between Sun and
- and magnetic field (Magnetometer and Model data)



Going forward, we will continue to:

- reach out to data providers to add datasets
- extend the sources and types of datasets
- provide for download of selected subsets in additional formats, including code snippets for programmatic access
- perform usability testing to guide design
- expand the metadata offerings
- further integrate with the SWx TREC testbed environment (see poster by Lucas et. al.)

add events to the library



As part of the University of Colorado's Space Weather Technology, Research, and Education Center (SWx TREC) https://www.colorado.edu/spaceweather/, the Laboratory for Atmospheric and Space Physics (LASP) is developing a Space Weather Portal https://lasp.colorado.edu/space-weather-portal to provide unified and highly interactive access to disparate datasets to help close the Research to Operations (R2O) and Operations to Research (O2R) gaps. This poster shows a subset of the currently available measurement instruments and data providers exemplifying the 2015 St. Patrick's Day storm as it makes its way from Sun to Earth (red). The poster also shows the highly interactive capabilities offered by the Space Weather Portal (purple).