

## Martian InSight Data Access for Researchers and Educators

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NASA's InSight mission aims to explore the interior of Mars using seismic data from marsquakes and meteorite impacts. The data from InSight, now available through the IRIS Data Management Center (DMC), offers a chance for researchers to use IRIS DMC tools to analyze Mars data as soon as each 3-month block of data is publicly released. In addition, IRIS Education and Public Outreach (EPO) tools allow educators to leverage existing international Seismographs in Schools networks to encourage a large and growing number of students to interact with Mars seismic data as soon as it is available on Earth.

Some standard DMC tools have been modified as needed to handle Mars data, including timing and coordinate systems and mapping tools. To help make the data accessible to a broader audience, the data will also be available in the ASCII GeoCSV format. Data will also be available from the Auxiliary Payload Sensors Suite for comparison to the seismograph data.

Data are available to classrooms through our cross-platform software package, jAmaSeis, allowing students to watch continuous data from Mars, or zoom into events of interest. Ground motion data are also available for viewing through our Web and mobile-friendly Mars Monitor, which also provide other interactive map-based information about Mars and previous Mars missions.

