



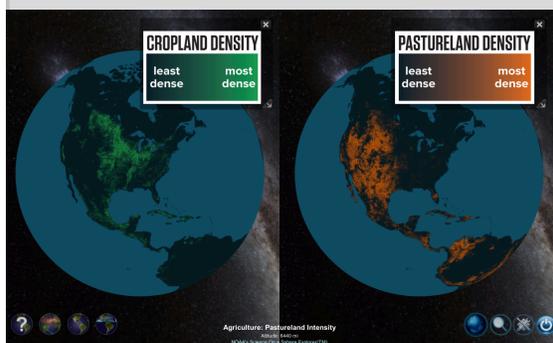
SOS Explorer™

Classroom Data Visualization

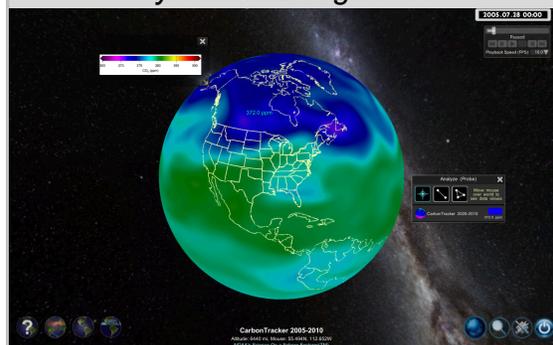
Earth System Research Laboratory (ESRL)



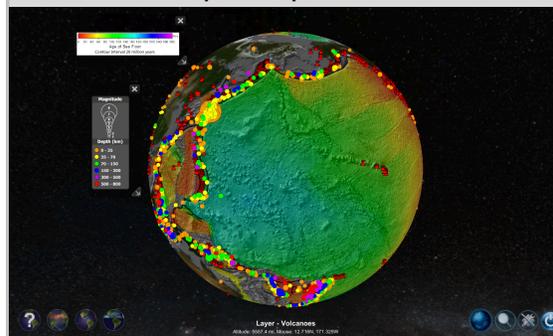
Search and load data



View multiple data sets on synchronized globes



Probe the values in the data for deeper exploration



Layer data – seen here is the age of seafloor, earthquakes and locations of volcanos

What is SOS Explorer™?

NOAA SOS Explorer™ is an interactive Earth for a flat screen display including those projected on walls, monitors and computers, providing teachers and students in the classroom access to NOAA Science On a Sphere® datasets. The visualizations show information provided by satellites, ground observations and computer models and rapidly animate through real-time global data. In addition, tools included in the application allow users to zoom into, probe, and graph the data, as well as add supplementary material including websites, videos, pictures, and place marks. In order to make the product more accessible for teachers, lesson plans and pre-programmed tours through standards-relevant topics are included.

Download it now!

http://sos.noaa.gov/SOS_Explorer/

Take a tour

SOS Explorer enables the telling of comprehensive stories by compiling data sets, adding supplementary information, and assessing students learning through “tours.”

Tours included in the introductory version: Plate Tectonics, Earth System, Wind and Weather

What's else can it do?

Request a “tailored” version of SOS Explorer for your data including a tour through a story of why your data is important.

Get an SOS Explorer exhibit with a kiosk in your school or museum.

Contact

For further information on SOS Explorer contact:

SOS.Explorer@noaa.gov



Time series of Hurricane Sandy captured by the GOES-13.