



# NASA Science Support and Visualization

**Services:** Conference and Event Coordination, Communication Platforms, Communication Products, Scientific Visualization, Software Development

**Timeline:** June 2013 to Present

**Locations:** Greenbelt, MD; Numerous Events Around the World

Partnering with USRA on the Goddard Earth Sciences Technology and Research (GESTAR) cooperative agreement, GST is supporting two of the highest-profile outreach and communication efforts within NASA's Science Mission Directorate (SMD): the NASA Science Program Support Office and the Scientific Visualization Studio (SVS). While based at Goddard Space Flight Center, the NASA Science Support and Visualization (NSSV) team enables the broader space agency to reach millions of people every year through events and products.

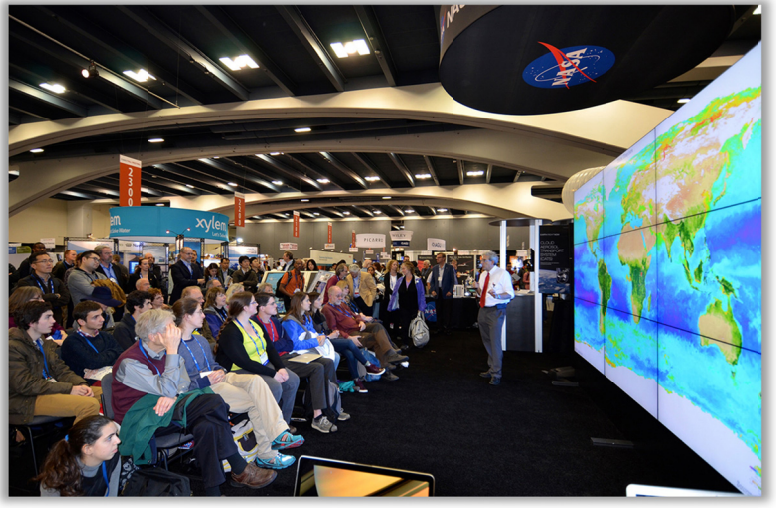
- A dynamic range of activities includes:
- Delivering NASA science face-to-face to the world at two-dozen or more science conferences and public events annually.
  - Using a multifaceted storytelling approach encompassing the hyperwall—a large seamless wall of video displays, the Dynamic Planet and Science On a Sphere globe-based platforms, science galleries, digital and printed publications, websites, and social media.
  - Creating world-class visualization content from observational and model data for broadcast and print media, the web, conferences, museums, planetariums, and other outlets.
  - Developing and refining the hyperwall software and providing key support to the SVS website and database housing thousands of visualizations and stories as well as producing documentation for using these resources effectively.

The NSSV team coordinates NASA exhibits at science conferences such as the American Geophysical Union Fall Meeting and the American Astronomical Society Winter Meeting; partners with other federal agencies on the U.S. presence at international meetings such as the Group on Earth Observation and the Conference of the Parties; and mounts public events such as Earth Day on the National Mall and Washington, DC's Union Station. A frequent exhibit centerpiece is the hyperwall, featuring content from across SMD developed by NSSV staff members, NASA collaborators, and others and presented by scientists and engineers to enthusiastic audiences.

NSSV products and information are available at <http://eospso.gsfc.nasa.gov> and <http://svs.gsfc.nasa.gov>.

## The Hyperwall in Action

*NASA Earth Science Division Director Michael Freilich presents at the hyperwall in NASA's American Geophysical Union Fall Meeting exhibit.*



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