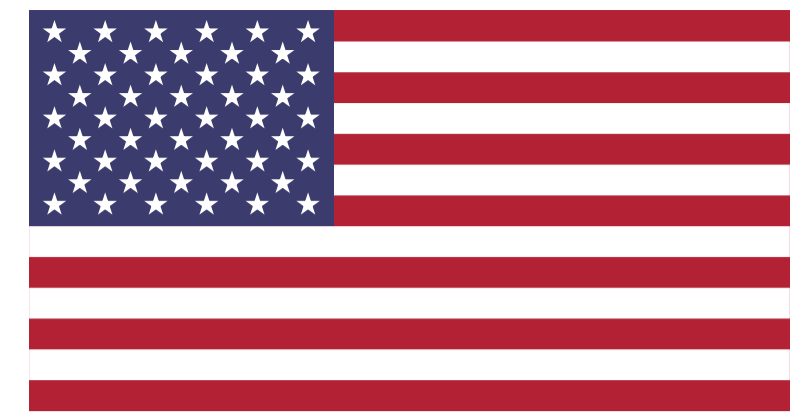


U.S. Greenhouse Gas Center

United States of America / North America



PROJECT DESCRIPTION

- The U.S. Greenhouse Gas Center is a multi-government agency effort to coordinate across United States government, private sector, non-governmental organizations, and international entities to integrate and distribute actionable greenhouse gas (GHG) data.
- The initial two-year demonstration phase targets three GHG areas of study:
 - Gridded human-caused GHG emissions;
 - Natural GHG sources and sinks; and
 - New Observations for Tracking Large Emission Events.



RESULTS ACHIEVED

- The U.S. Department of State used the NASA Earth Surface Mineral Dust Source Investigation (EMIT) instrument's facility scale methane plumes to identify leaks in Turkmenistan, helping to make the case for Turkmenistan joining the Global Methane Pledge at COP28.
- The U.S. GHG Center is coordinating the United States' support of the World Meteorological Organization's (WMO) efforts to create a Global Greenhouse Gas Watch and the facilitation of the WMO Integrated Global GHG Information System.



PARTNERS INVOLVED IN PROJECT

- National Aeronautics and Space Administration (NASA)
- Environmental Protection Agency (EPA)
- National Institute of Standards and Technology (NIST)
- National Oceanic and Atmospheric Administration (NOAA)

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