

The U.S. Greenhouse Gas Center: Uniting Data and Technology to Empower Tomorrow's Climate Solutions

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The U.S. Greenhouse Gas Center (US GHG Center) is a multi-agency effort among NASA, EPA, NIST and NOAA to facilitate coordination across federal and non-federal, domestic, and international entities to integrate and enhance greenhouse gas (GHG) data and modeling capabilities for scalable impact. The center is part of the National Strategy to Advance an Integrated U.S. Greenhouse Gas Measurement, Monitoring, and Information System. It consolidates information from observations and models, with a goal of providing decision-makers with one location for data and analysis. In phase I (prototype phase), the US GHG Center focuses on a set of three areas that drive initial collaborations : gridded anthropogenic emissions, natural sources and sinks, and new observations for large emission events. These initial focus areas provide the opportunity to develop best practices for integrating and disseminating information with datasets and modeling capabilities that federal agencies understand well, and solicit user input to inform future refinements and new use case development. A beta interagency data portal for the US GHG Center is available at: earth.gov/ghgcenter.

Meeting homepage

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