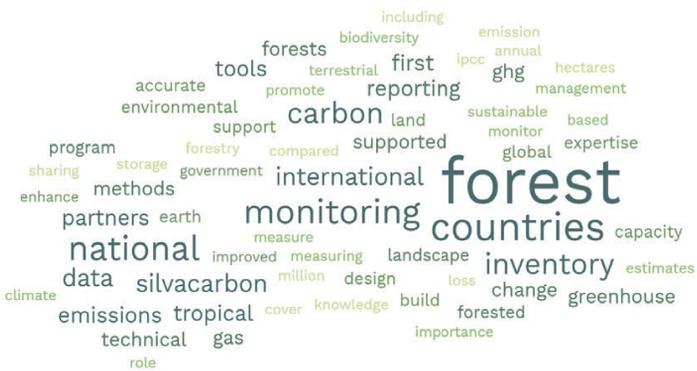




Partnering for Improved Forest and Landscape Monitoring

SilvaCarbon is an interagency technical cooperation program of the U.S. Government working with partners around the globe to enhance tropical forested countries' capacity to monitor, measure, and report carbon in their forests and other lands.



SilvaCarbon has worked with 32 tropical forested countries to build forest and landscape monitoring capacities, promote South-South collaboration and knowledge sharing, and facilitate technical coordination globally.

SERVIR and SilvaCarbon: Partnering for natural climate solutions

SERVIR and SilvaCarbon conduct targeted, complementary activities to help countries meet their needs for improved land use information, enhance natural resource management, and foster scientific collaboration and data-driven decision-making.

+10 Years: Forest Monitoring for Climate Change

Watch our video here

Importance

Tropical deforestation and forest degradation threaten people, economies, and biodiversity worldwide. Measuring and monitoring terrestrial carbon is essential to understand the role of forests in mitigating climate change, promote sustainable forest management practices, and track progress towards environmental policy goals.

Purpose

We collaborate with partners internationally by sharing knowledge to face environmental challenges. We through implement cost-effective monitoring tools and methods and build technical capacity and skills. Since 2011, SilvaCarbon has drawn on the expertise of multiple US Government agencies and partners to advance the generation and use of better information related to forest and terrestrial carbon.

Key Technical Areas

- Remote Sensing**
SilvaCarbon expertise helps countries adopt nationally appropriate tools and methods and integrate satellite data with field data for more cost-effective monitoring. SilvaCarbon also works with partners under the Global Forest Observations Initiative (GFOI) to coordinate international donor support for Earth observation data.
- Greenhouse Gas Inventory**
Through SilvaCarbon, experts assist countries with the development of accurate, robust greenhouse gas (GHG) emissions inventories that are consistent with international standards and reporting requirements.
- National Forest Inventory**
SilvaCarbon draws on the forestry expertise of the USFS and other partners to build countries' capacity to design and implement national forest inventory systems that are accurate, affordable, and tailored to meet national needs for reporting and resource management.

