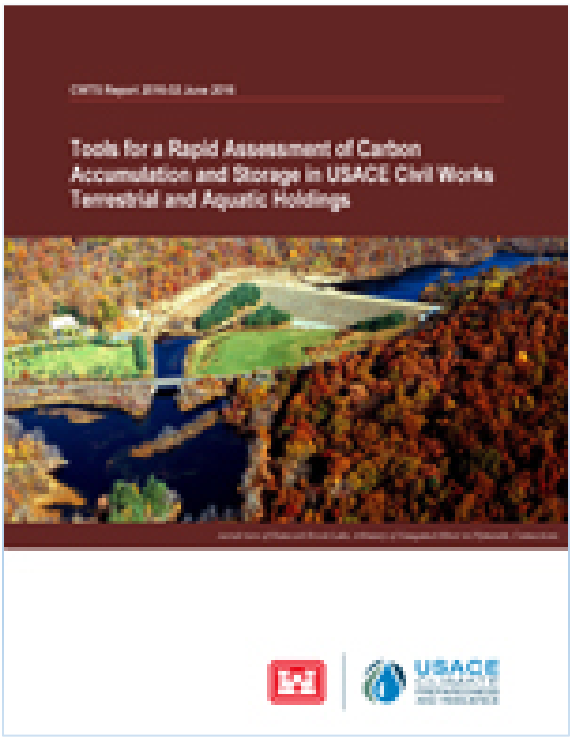
USACE Releases a Report on Tools for a Rapid Assessment of Carbon Accumulation and Storage in USACE Civil Works Terrestrial and Aquatic Holdings



ALEXANDRIA, VIRGINIA. The U.S. Army Corps of Engineers (USACE) recognizes that its Civil Works projects can contribute to carbon sequestration measures through long-term burial of carbon in the lands and waters it manages for the nation. USACE has a Climate Preparedness and Resilience (CPR) program project to produce and test *Tools for a Rapid Assessment of Carbon Accumulation and Storage in USACE Civil Works Terrestrial and Aquatic Holdings*. This project aligns to a key aspect of the CPR program, which is the integration of climate adaptation measures (reducing vulnerabilities and managing current and projected future climate impacts to water resources) with work on climate mitigation (reducing emissions and the atmospheric concentration of greenhouse gases, or GHG) to ensure that programs at USACE can be efficient and effective in both approaches.

The Tools for a Rapid Assessment of Carbon Accumulation and Storage in USACE Civil Works Terrestrial and Aquatic Holdings project has produced a suite of tools using data from multiple sources to assess the existing stock and accumulation rates of carbon in the aquatic and terrestrial resources owned and managed by USACE. The report describes development of the Carbon Storage Information Portal and the data, methods, and assumptions of this work in an overview of the portal.

Learn More:

- Tools for a Rapid Assessment of Carbon Accumulation and Storage in USACE Civil Works Terrestrial and Aquatic Holdings (pdf, 2.3 MB)
- Reservoir Sedimentation Database (RESSED)
- National Inventory of Dams (NID) Database
- National Land Cover Database