

Government agencies can now better compare estimates of black carbon emissions



2013–2014 Project

North American Black Carbon Emissions Estimation Guidelines

Building on past efforts to improve the comparability of greenhouse gas estimates and methodologies, this project focused on developing guidelines to improve the accuracy of estimates of black carbon and co-pollutant emissions from key sources in the three countries to support cross-border comparisons and mitigation assessments. The guidelines also provide recommendations for further research to align the capabilities of the three countries, with a special focus on Mexico.

Key Accomplishments

- A guidance document for estimating black carbon emissions from key sources, providing comparable methodologies and best practices for use across North America, at both national and subnational levels
- Partnership and collaboration with government experts and other international environmental research and academic institutions in the development of the guidance document

Products

- *North American Black Carbon Emissions Estimation Guidelines: Methods for Estimating Black Carbon Emissions*

Partners, Stakeholders and Beneficiaries

Partners include US Environmental Protection Agency, *Instituto Nacional de Ecología y Cambio Climático*, Environment Canada, Global Emissions Initiative (GEIA) Network; North American and international climate change experts. Project stakeholders and beneficiaries include air emissions and policy experts at the national and subnational levels, academia, industry, and other organizations that address black carbon emissions and other short-lived climate forcers.

About the CEC

The Commission for Environmental Cooperation (CEC) was established by the governments of Canada, Mexico and the United States through the North American Agreement on Environmental Cooperation, the environmental side agreement to NAFTA. An intergovernmental organization, the CEC is composed of a Council of cabinet-level environmental officials from the three countries, a Joint Public Advisory Committee and a Secretariat that provides operational support for cooperative work between the three countries. The organization brings together citizens and experts from governments, nongovernmental organizations, scientists, researchers and businesses to seek solutions to protect North America's shared environment while supporting sustainable economic development.

