

## 5.016 GEIA: Working Towards Better Emissions Information.

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Abstract:

Accurate, evaluated, timely, and accessible emissions information is critical for understanding and making predictions about the atmosphere. We present recent progress of the Global Emissions Initiative (GEIA, <http://www.geiacenter.org/>), a community-driven joint activity of IGAC, iLEAPS, and AIMES. For the past quarter century, GEIA has served as a forum for the exchange of expertise and information on anthropogenic and natural emissions of trace gases and aerosols. GEIA supports a worldwide network of emissions data developers and users, providing a solid scientific foundation for atmospheric chemistry research. GEIA serves as a bridge between the environmental science, regulatory, assessment, policy, and operational communities. GEIA's core activities include 1) facilitating analysis that improves the scientific basis for emissions data, 2) enhancing access to emissions information, and 3) strengthening linkages within the international emissions community. We highlight GEIA's current work distributing emissions data, organizing the development of new emissions datasets, facilitating regional emissions studies, and initiating analyses aimed at improving emissions information. GEIA welcomes new partnerships that advance emissions knowledge for the future.