

### **International cooperation on emissions to address science and policy needs**

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Accurate, quantitative emissions data are critical to climate and air quality science and policy. We present the activities of three international projects on emissions: (1) Global Emissions Inventory Activity (GEIA), [www.geiacenter.org](http://www.geiacenter.org); (2) Emissions of Atmospheric Compounds and Compilation of Ancillary Data (ECCAD), [ether.ipsl.jussieu.fr/eccad](http://ether.ipsl.jussieu.fr/eccad); (3) Community Initiative for Emissions Research and Applications (CIERA), [ciera-air.org](http://ciera-air.org). The goals of these efforts are to aggregate information on emissions, provide resources for emissions data evaluations, and facilitate the use of emissions information for research and assessment. We show some of the latest advances of these community activities and discuss how they are addressing the emissions information needs of science and policy. The MACC project is highlighted as an example of both data user and data provider from the community.