



**GEIA Global Emissions Initiative
2012 ACCENT-IGAC-GEIA Conference**

Emissions to Address Science and Policy Needs

**Monday 11th to Wednesday 13th June 2012
Toulouse, France**

FIRST ANNOUNCEMENT AND CALL FOR PAPERS

GEIA is organizing its next conference to exchange expertise and information on the latest advances towards improved anthropogenic and natural emissions estimates. GEIA invites the scientific, regulatory, and operational emission communities to join in a discussion of our capabilities to produce better emission information in support of science and policy.

The purpose of this GEIA conference is to demonstrate the potential of improving emission inventories through the combined use of different methodologies. The capability of improving the accuracy of emission data is considerably enhanced at present by the possibility of using inverse modeling techniques and near-real-time observations. Emission data may be evaluated through a combination of bottom-up methodologies, in-situ and satellite observations, and modeling data. Progress has been made to better quantify emissions from a variety of source types, including fossil fuel production and combustion, biomass burning, agriculture, and the biosphere. The shared expertise of the scientific, regulatory, and operational emissions communities represents the most powerful tool to improve our knowledge of the emissions of climate and air quality relevant species.

Conference Topics:

- Multi-scale evaluation of surface emissions
- Improvement and evaluation of emissions using in-situ and remote-sensing observations
- Evaluation and improvement of emissions using inverse modeling
- Emission information in near-real time
- Down-scaling of emissions
- Use of bottom-up emission methodologies in fine resolution inventories
- Emission needs for air quality forecasting
- Impacts and implications of improved emissions estimates
- Creating community-driven interoperable emissions databases

You are kindly invited to submit oral and poster abstracts on these topics. Submissions should be made through <http://geiacenter.org/> **Abstract submission deadline: 20th January 2012.**