

Global Emissions Initiative



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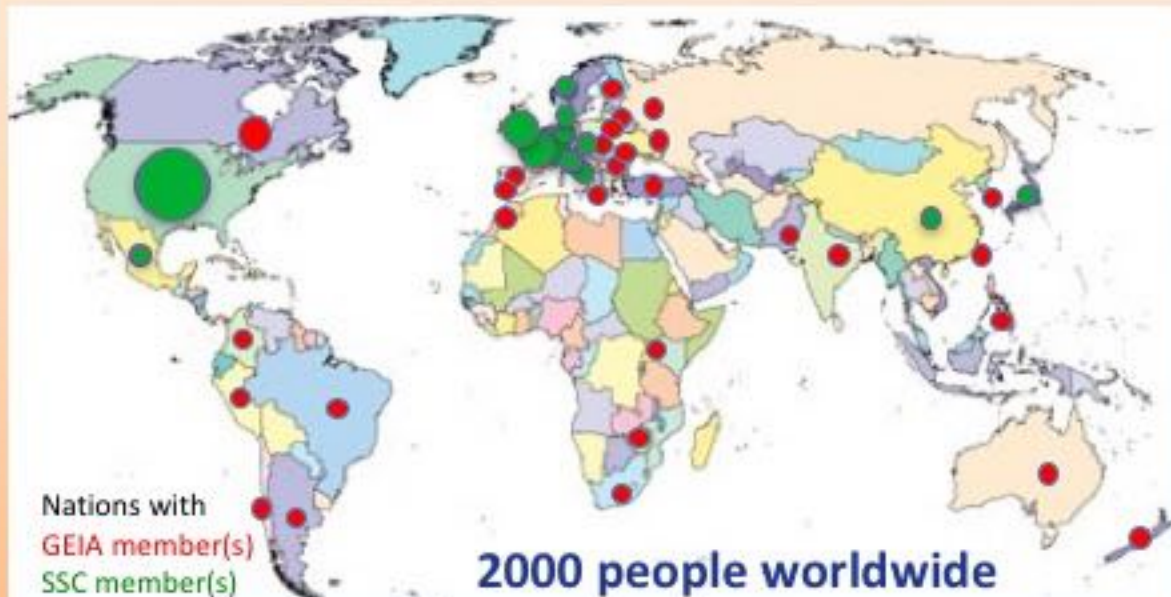
Founded in 1990, **GEIA** is a community initiative that builds bridges between environmental science and policy, by bringing together people, data, and tools to *create* and *communicate* the highest quality information about **emissions**.

Core Activities



GEIA Community

Network



Connections



Scientific Steering Committee

Alexander Baklanov (*Switzerland*)

Beatriz Cardenas (*Mexico*)

Hugo Denier van der Gon (*The Netherlands*)

Gregory Frost¹ (*USA*)

Claire Granier² (*USA, France*)

Greet Janssens-Maenhout (*Italy*)

Johannes Kaiser (*Germany*)

¹ Co-Chair

² Database Manager

Terry Keating (*USA*)

Zbigniew Klimont (*Austria*)

Catherine Liousse (*France*)

Paulette Middleton³ (*USA*)

Ute Skiba (*UK*)

Leonor Tarrasón¹ (*Norway*)

Yuxuan Wang (*China*)

³ Network Manager

New ECCAD-2 Portal



ECCAD: Emissions of atmospheric Compounds and Compilation of Ancillary Data

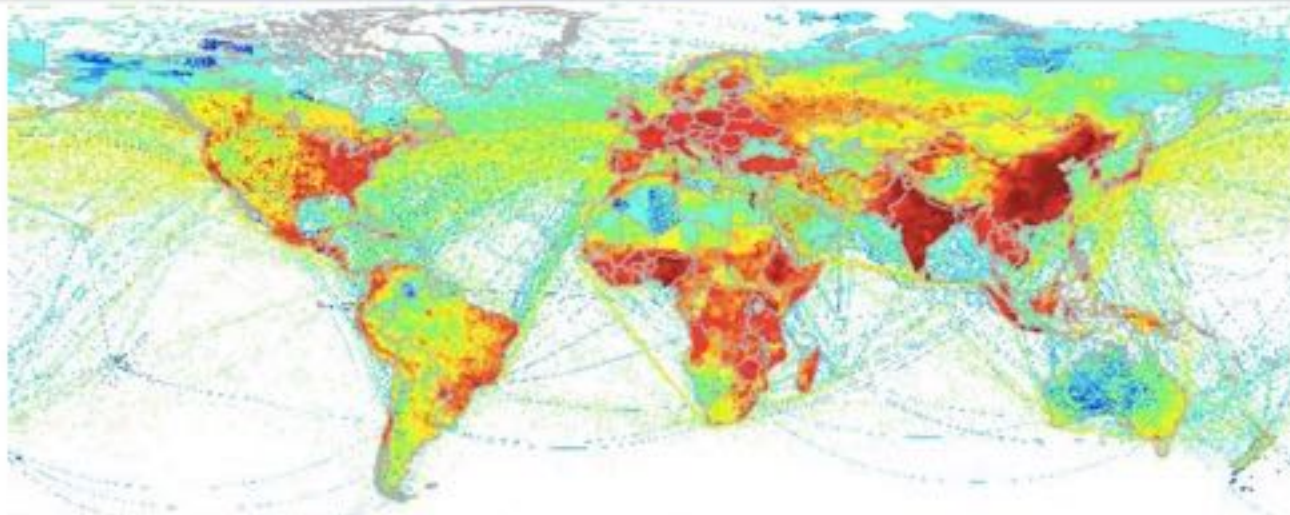
Making data accessible and providing tools for data analysis

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About ECCAD

- > [Context](#)
- > [Contact us](#)
- > [Map of users](#)

Last updates

Notice : The ECCAD-2 database is still under development. All Tools/datasets/documentation are not yet available. Come back often to check !
ECCAD original database is still operating
eccad.pole-ether.fr

Welcome to ECCAD - GEIA :

ECCAD database provides :

- A large number of datasets at global and regional scales, at various spatial resolution, time periodicity and temporal coverage.
- On-line data manipulation tools and statistical information over geographical regions.
- Detailed metadata for each of the datasets.
- Downloaded files as interoperable NetCDF CF-compliant files.



**Available
soon!**



igacproject.org

IGACnews

facilitating atmospheric chemistry research towards a sustainable world

18-20 NOVEMBER 2015
TSINGHUA UNIVERSITY, BEIJING, CHINA

IGAC Sponsored

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HOST INSTITUTION



17th GEIA Conference – *Influence of Urbanization on Emissions Worldwide*



Progress in GEIA Working Groups

China Emissions WG

Contacts: Kebin He, Qiang Zhang, Yuxuan Wang

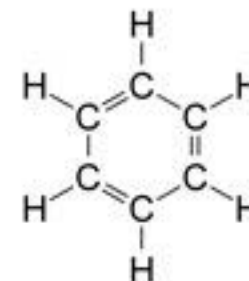
- Improving scientific basis for Chinese emissions
- Sharing results between Chinese research groups
- Publishing in ACP's *East Asian Emissions Assessment*
 - 36 papers published since 2014!



VOC Emissions WG

Contacts: Erika von Schneidemesser, Hugo Denier van der Gon

- Improving global understanding of VOC emissions
- Leveraging on-going inventory development, measurements, modelling
- Starting evaluation of megacity VOC emissions



Latin America/Caribbean (LAC) Emissions WG

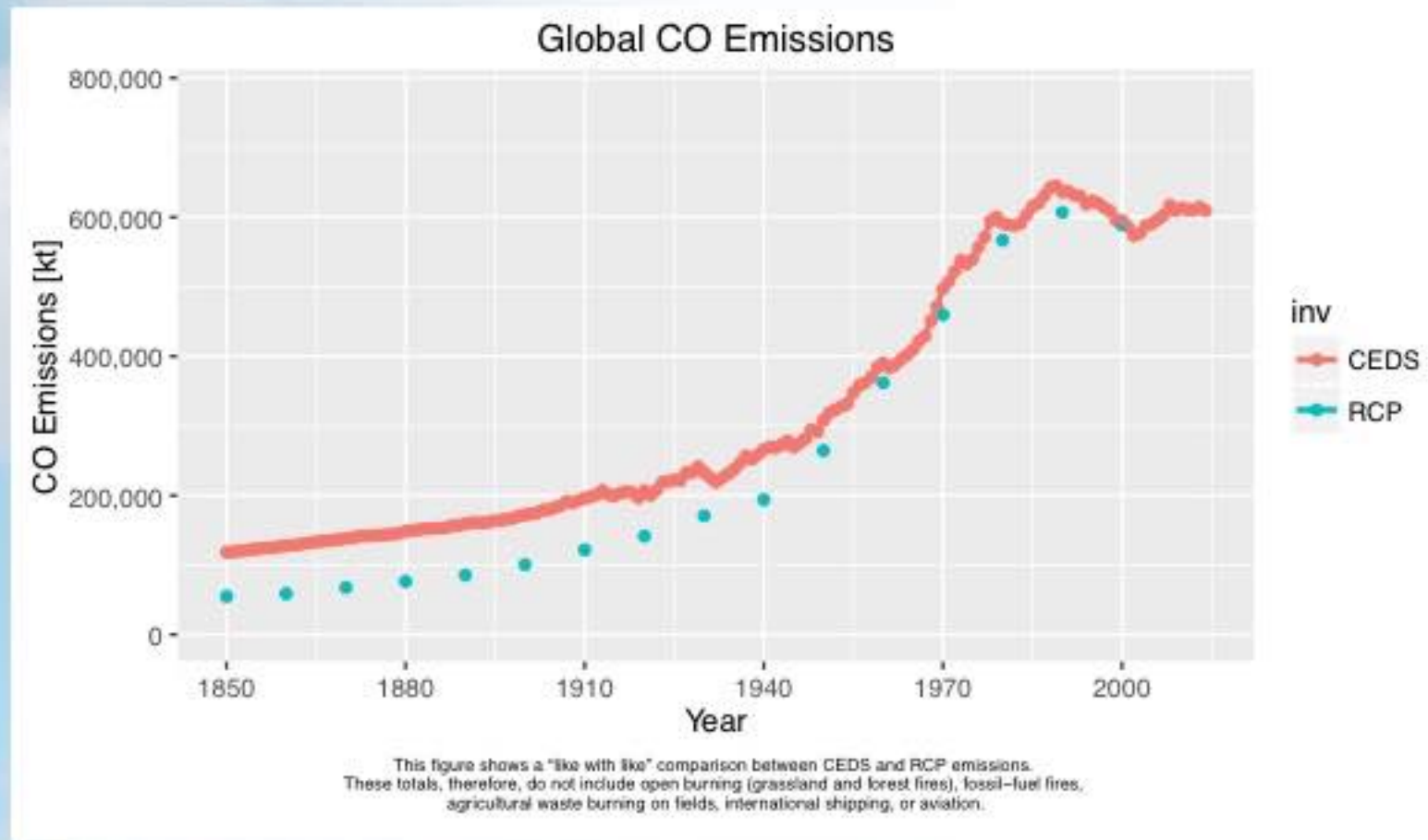
Contacts: Nicolas Huneus, Laura Dawidowski, Néstor Rojas

- Developing and evaluating LAC-specific emissions information and harmonized national emissions inventories
- Building LAC emissions expert community
- Multinational LAC collaboration has recently been funded



Community Emissions Data System (CEDS)

- Open source framework producing global historical emission estimates
- CMIP6 historical and preindustrial control runs now available



Steven Smith (PNNL/JGCRI, U Maryland)

<http://www.globalchange.umd.edu/ceds/>

18th GEIA Conference

Emissions Science for a Healthy Environment

The interplay of human versus natural influences on climate and air quality emissions

13-15 September 2017
University of Hamburg
Hamburg, Germany



Details available soon at www.geiacenter.org

Side meetings this week



Tuesday, 7:30-8:30, Breckenridge Ballroom – Peak 15:

VOC Emissions WG

Friday, 14:00 – 18:00, Colorado Ballroom:

Assessment of emissions from inverse modeling

Demonstration of ECCAD-2