

Theme: Chemistry & Climate

Comments/questions to the overview presentations

- Role of intensified convection and LNO_x need to be understood
- Aerosol-cloud interactions are important, including SOA
- Emissions will change due to measures to mitigate climate change
- Is climate change in the upper atmosphere (mesosphere, thermosphere) part of a future SPARC programme, incl. effects of high energy particles and impact of the solar cycle
- Will future SPARC deal with the entire atmosphere
- Connections with IGAC are important

Comments/questions to the IGAC presentation

- Role of IGAC regarding emission inventories: there is Geia and the Geia data base. Geia is also active in specific regions, e.g. Africa
- Is there overlap of IGAC with SPARC: Science of common interest is adressed in the joint activities (ACAM, CCMI)
- How to include high resolution aircraft data in global models: Some work on that is done in IGAC activities

Comments/questions to the NDACC presentation

- CCMI is interested to use NDACC data
- SPARC future programme: first agree on science questions, then define models and data needed
- NDACC data are usefull for data assimilation in models
- Request to have a common data format