

Notes from the 13th IGAC Southern Hemisphere Working Group meeting, 15th October 2019.

Action items in bold.

The meeting was focused entirely on the positioning paper. There was a consensus that we should attempt a structure for the paper that includes a relatively comprehensive introduction covering major issues for southern hemisphere atmospheric chemistry followed by some specific major themes:

1. The importance of the southern ocean to SH atmosphere
2. The importance of biogenic emissions
3. The importance of fires
4. The huge gap in knowledge of air quality and atmospheric composition measurements in sub-Saharan Africa.

Action: Clare to start a new document with this structure laid out and relevant sections of the existing google doc pasted in.

Action: ALL – add your contributions into the new document in the agreed sections – everyone can contribute to the introduction.

Actions still pending:

1. A decision was made that we would run an **IGAC Southern Hemisphere Twitter poster session** (similar to that run recently by iLEAPS). The plan is to run this virtual conference in the week running up to the IGAC 2020 conference in Manchester. We will offer prizes for the best posters and create a small judging panel from our members who attend the Manchester conference. We will announce the winners at the conference.

Action: Melita and Clare to look for iCACGP and IGAC sponsorship to cover prizes.

2. The idea to try to link groups with excess capacity (e.g. instruments or computing) with groups who could benefit was discussed. It was decided that this would be better handled at the IGAC SSC level.

Action: Clare to take this to the IGAC SSC in October.

3. Idea of using our website to point to relevant measurement or modelling datasets for the Southern Hemisphere was discussed. There was some enthusiasm for this idea and Nicholas Huneas pointed out that there was an existing attempt to do this for South American air quality data from several countries. We should try to link to this also.

Action: Clare to discuss with Megan how best to do this, including formulating a template for key information.

4. Nicholas Huneas mentioned that the IGAC south American working group was meeting in early November (around the GEIA meeting 6-8th Nov) and suggested that we might try to connect with that group during their meeting via a video conference link.

Action: - Nicholas to look into logistics for this to occur.

5. **Action – ALL** - Please add published papers on the Southern Hemisphere atmosphere, to our library collection - see: https://www.zotero.org/groups/2185852/sh_atmoschem_library
Also Don't forget that there is a google drive with the files including the activities document and the positioning paper

https://drive.google.com/drive/folders/1Or_bY6wJOY5XdL1WrZfGFtnGklf8cL6N?usp=sharing