

## Notes from the 15<sup>th</sup> IGAC Southern Hemisphere Working Group meeting, 5<sup>th</sup> May 2020.

### **Action items in bold.**

There was a discussion about trying to get going again on the positioning paper.

**Action: Clare** admitted not to be able to link to the promised new paper structure and promised to do this in the next week or two – but actually when I managed to open the google document I found that I had done this already in October last year just after the 13<sup>th</sup> meeting!

See <https://drive.google.com/file/d/1Y2HqGhydeDNxJREff0kAz4WZi1HYS4OJ/view?usp=sharing>

### **The sections are:**

1. Introduction to atmospheric chemistry in the Southern Hemisphere
2. The importance of the southern ocean to SH atmosphere – (Ruhi/Robyn)
3. The importance of biogenic emissions – (Kathryn)
4. The importance of fires- (Melita/Nicholas)
5. The huge gap in knowledge of air quality and atmospheric composition measurements in sub-Saharan Africa. (Egide)

**Action: ALL (by end June) – add your contributions into the new document in the agreed sections – everyone can contribute to the introduction.**

The idea of the Twitter poster session at IGAC has been subsumed by an IGAC wide plan to revamp the poster competition at the delayed IGAC conference (now Sept 2021). This will include separate competitions for the different IGAC projects and working groups.

Nicholas Huneas reported that GEIA meeting was delayed by the civil unrest last year and again by COVID19. The IGAC South American working group meets via video conferencing. We might try to connect with that group in future via a video conference link but for now Nicholas will keep us up to date on their discussions.

Ian Galbally reported about TOAR2 and the Oceania meeting (also delayed by COVID19). This will also happen later in the year also by video conferencing. At the meeting a decision will be made on whether there needs to be an ongoing Oceania working group for TOAR2. Collecting together the main datasets in the primary task with the idea of extending from just O3 to also include NOX, CO, Meteorological data and possibly PM10 and PM2.5.

### **Actions still pending:**

1. Idea of using our website to point to relevant measurement or modelling datasets for the Southern Hemisphere. Should link to other databases such as South American air quality data from several countries.  
**Action: Clare** to discuss with Megan how best to do this, including formulating a template for key information.
2. **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](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](https://drive.google.com/drive/folders/1Or_bY6wJOY5XdL1WrZfGFtnGklf8cl6N?usp=sharing)