**CORDEX–Africa Climate Analysis Workshop 6-a**

**12-16 February 2018, Tsogo Sun Newlands, Cape Town**

The purpose of this writeshop was to address the reviewer’s comments from the papers submitted to Environmental Research Letters (ERL) in October 2017. All regional groups had received reviews back and had begun to work on the corrections before the writeshop. The workshop served as an opportunity for all regional team members to be in one place together, complete the corrections and resubmit the revised paper to ERL.

All four revised regional papers, the revised Pan African paper and the paper introducing the Focus collection were submitted by the end of the week. The titles of the papers are as follows:

1. On the need for regional climate information over Africa under varying levels of global warming
2. The effects of 1.5 and 2 degrees of global warming on Africa in the CORDEX ensemble
3. Consequences of 1.5°C and 2°C global warming levels for temperature and precipitation changes over Central Africa
4. Potential Impact of 1.5°C and 2°C Global Warming on Consecutive Dry and Wet Days over West Africa
5. The southern African climate under 1.5° and 2°C of global warming as simulated by CORDEX models
6. Projected Climate over the Greater Horn of Africa under 1.5 °С and 2°С global warming

All papers have consequently been accepted and these have been placed on the Publications page.

In addition to the successful paper submissions, keynote talks were delivered by a number of senior scientists to the participants. These are listed below and all presentations are available on the CORDEX-Africa website here.

* Dr Colin Jones of the UK Met Office made a presentation titled “Global Climate and Earth system models, Feedbacks, timescales and Climate Sensitivity”
* Dr Phil Graham shared his thoughts based on his work on climate and water in Vietnam
* Dr Wilfran Okia-Moufouma gave an overview of the AR6 process and encouraged the group to continue writing papers about Africa that could be considered in AR6
* Dr Alessandro presented a talk that analysed the robustness and added value of the precipitation signal from the CORDEX-Africa RCMs
* Dr Irene Lake, the International Project coordinator of CORDEX gave an overview of CORDEX activities planned for 2018/2019 and some suggestions on how CORDEX-Africa could contribute.

It is also worth noting that 5 CORDEX-Africa colleagues have been selected to be lead authors on various AR6 WGI chapters and 1 CORDEX-Africa colleague to be a lead author in the WGII Africa chapter.

Running parallel with the writeshop was the second CORDEX-Africa VIA workshop. The parallel running of these two events facilitated an engagement between climate and VIA scientists and the collaborative development of three VIA papers focused on health, hydrology and agriculture. This is a very exciting development and papers have authorship teams from both clusters - the report of the VIA workshop can be downloaded here.

Finally, these papers would not have been written without the financial support from the Swedish Government through the Swedish International Development Cooperation Agency (**Sida**) whose funding facilitated the bringing together of the regional scientific teams to do this research and publish the results. We are therefore very grateful to **Sida** for their support and commend the Agency for their contribution to the generation of this knowledge and the development of capacity within Africa to conduct this type of research. We further acknowledge logistical support from the CORDEX International Project Office, the Swedish Meteorological Institute and the Climate System Analysis Group at the University of Cape Town. Special thanks to all the modeling groups that performed the simulations and made their data available to the CORDEX-Africa program.