A series of questions were drafted and participants asked to share their experiences pertaining to the questions

**What have your experiences of workshops been?**

1. **What was the theme of the workshop?**
   - Model system training; analysis; learning about sea-level rise and hands-on training; data handling; paper writing workshop; software training;

2. **What kind of activities did the workshop facilitate?**
   - RCMES training at ICRC2016; python (notebooks) and CDO training; how to write a paper; how to set up an experiment and run the model; how the model works;

3. **What were some of the outcomes of the workshop?**
   - Can help with analysis for thesis; model execution; workshop presentations;

4. **Did you find the workshop useful for your career/studies?**
   - Personal skills development; community development; meeting senior scientists;

5. **What difficulties did you experience?**
   - some people do not know netcdf; short training workshops are difficult because low time exposure to analysis software; post-workshop follow up; it is difficult to get selected to attend some workshops; some do not have peers to work with;

6. **What did you like most about the workshop?**
   - workshop documentation put online; follow up workshops;

7. **Difficulties on executing workshops in developing countries**
   - Participant selection; power cut outs; bandwidth challenges; compute facilities; software licenses; need open source; Prepare all scripts with data before the workshop to run on a virtual machine <- this makes the common environment;

Participants were then asked what kinds of workshops would be useful for them.
- Training in data analysis and making scripts available that were used in analysis and publications
  - Suggested user group support and a common repository of scripts (Github)
  - Software tools upskilling (e.g. python, netcdf and CDO/NCO; familiarization with linux environment and scripting)
  - Development of guidance manual of climate data analysis
  - How to write papers (write shops)
  - Know which audience you are running the training for and develop workshop appropriately (Training on basic understanding of climate data/information)
  - Workshops for impact scientists to understand how to work with CORDEX data (develop some basic understanding on climate, weather, ensembles, uncertainty, interpretation of data)
  - Workshops on how to run a regional model in a local place e.g. having the RegCM workshop in a local region was useful

Lastly participants were asked how they thought CORDEX could contribute to workshop content and logistics.
- Develop a few kinds of common workshop that could be executed across all domains.
• The development of ECS through these workshops
• Create a coordinated repository of presentations, analysis software, analysis guidelines
• SAT regional members and POCs to look into potential regional/global funders
• Tailor workshops to a particular audience – are they “next users (data)” or “end users (information)”
• Training on theory and execution of regional climate models
• Training on how to write a journal paper
• Extended workshop: e.g. 1-week startup in Africa; 3 weeks intensive in Europe (ICTP in Italy or SMHI Sweden)
• Develop CORDEX data in ascii for impact scientists
• Basic linux commands for 2 days before anything else with relevant exercises
  • Scripts need to be very well commented
• Prepare all scripts with data before the workshop to run on a virtual machine <- this makes the common environment

In summary:
1. Develop a common and coordinated approach/structure in running workshops that could be transferable across CORDEX domains

2. Four types of workshops should be considered:
   • Training on theory and execution of regional climate models
   • Data analysis (including software training, e.g RCMES, ESMvalTool; python, CDO, NCO, etc)
   • Paper writing
   • Training on basic understanding of climate data/information

3. Coordinated repository of presentations, analysis software, scripts, documentation would be extremely useful (also assists with helping people who could not attend workshops)

4. Funding for workshop always a problem
   • SAT and regional POCs to identify potential funders
   • Support from WCRP to approach funders