

Submission by the Republic of Gabon on behalf of the African Group on the possible topics and considerations for the twelfth meeting of the Research Dialogue to be held in conjunction with SBSTA 52.

The Republic of Gabon on behalf of the Africa Group welcomes the opportunity to submit its views on possible topics and considerations for the meetings of the research dialogue to be held in conjunction with SBSTA 52 in accordance with the mandate of SBSTA, taking into account previous themes and presentations, the outcomes of previous research dialogue meetings, and themes suggested for future meetings.

The Africa Group welcomes the decision of SBSTA 50 FCCC/SBSTA/2019/L.6, paragraph 4 that invited the secretariat to organize similar events at future sessions of the SBSTA at which systematic observation is considered, as appropriate, starting at SBSTA 51 (December 2019), recognizing that this could be a valuable opportunity for exchanging information on the state of the global climate system and developments in systematic observation.

The Africa Group looks forward to participating at future meetings of the Research Dialogue and proposes the following possible topics to be considered at the dialogue at SBSTA 52 and beyond:

- Strengthening the automated meteorological data collection networks to address data gaps as well as archiving of climate data.
- Supporting the African climate services institutions such as ACMAD, AGRHYMET and others to strengthen and improve short, medium- and longer-term climate forecasting and modelling products to inform national development planning and other planning instruments.
- Development of Africa specific early warning infrastructure and services for the diverse ecosystem and climatic habitat such as determination of climatic thresholds for disease and disaster for adequate future planning.
- Supporting African space agencies to enhance their respective system observation capabilities, and the other African regional centres for meteorology, and discuss topics of provisions of support for these centres to provide data and capacity building for African countries;
- Supporting African institutions and governments on higher resolution, downscaled climate modelling projections to inform adaptation planning and implementation.
- Robust risk and vulnerability mapping of floods and slow on-set events, in view of the increasing frequency of extreme events
- Implications of the outcome of the three IPCC report- the 1.5, Oceans and land, in particular African countries.
- Consideration of ways to provide information as input to the regional adaptation initiatives African Adaptation Initiative AAI
- Linkage between WMO and its initiatives like GFCS with relevant regional institutions and initiative; and
- Showcase initiatives provided through the UN and UNSG summit relevant to research and climate data.

The Africa Group looks forward to contributing to the Research Dialogues during SBSTA 52.