

Submission by the Republic of Senegal on behalf of the Least Developed Countries Group (LDCs) on SBSTA Research and Systematic Observation: Views on possible topics for the Earth Information Day to be held in conjunction with SBSTA 57.

The Least Developed Countries Group (LDCs Group) welcomes the opportunity to submit their views on possible topics and considerations for the Earth Information Day to be held in conjunction with SBSTA 57. LDCs Group looks forward to the event and suggests following themes for consideration:

- Advancement in and effectiveness of numerical weather and remote sensing products to serve as a proxy for onsite weather measurements in data scarce regions of the world. And how accessible this information is for the Least Developed Countries to bring into practical use including its uses for climate change adaptation and early warning system?
- Update on the uptake and challenges of renewable energy technologies at the global level including for LDCs. What is the evidence on the co-benefits of shifting to renewables from fossil fuel-based energy in Least Developed Countries?
- Recent advancement in the attribution science in underscoring the role of climate change in exacerbating the likelihood and intensity of recent extreme events across the globe.
- Updates on the information related to melting of Glaciers, ice sheets and permafrost with associated short, medium and long term risks and consequences.
