

GSRN 10-year goals

The full implementation of all goals named in GCOS-226¹, based on the experience of implementing GRUAN, will take decades. The TT-GSRN has therefore agreed to define the following goals, to be achieved in a 10-year timeframe, within the initial GSRN:

10-year goals

1. Provide sustained reference quality observations, with full traceability and defined and quantified uncertainties, on a global scale (on land) for at least the ECVs surface temperature and precipitation, in order to quantify their variability, long-term change and inform on extremes
2. Deliver an implementation plan for the inclusion of additional ECVs
3. Be a recognized reference network within the WMO tiered system which primarily supports the climate community in quantifying climate change
4. Publish operational procedures and practices for knowledge transfer and capacity development
5. Ensure a free and open access archive of accredited GSRN data products²
6. Identify GSRN affiliated research facilities delivering scientific advances in measurement techniques and improving knowledge on climate reference data and instrumentation

¹ https://library.wmo.int/doc_num.php?explnum_id=6261

² In accordance with the WMO Unified Data Policy (WMO Res. 1)