

GEO task DA-07-01 "Guidelines on Global DEM inter-operability"
Recommendations to CEOS Plenary

GEOSS and CEOS recognize the importance of DEMs for GEO societal benefit areas and downstream EO data services and welcome the substantial progress made in recent years towards the provision of a global 30m Digital Elevation Model (DEM), although there are still deficiencies in coverage and in validation data.

Therefore, it is recommended that CEOS member agencies cooperate in the completion of a complete, gap-free and validated DEM by June 2010 and no later than June 2011.

This global DEM should include heights at 30m spacing over land based primarily on existing proven GDEMs, such as that based on data from the ASTER sensor and for bathymmetry down to depths of 30-40m on continental shelves including the production of a much more accurate coastline especially in the Arctic region.