

Mr. E. Charpentier is the Chief of the WMO Observing Systems Division (OSD), looking at WMO surface-based observing systems contributing to the WMO Global Observing System (GOS), and WMO Polar and High Mountain activities. He has been with the WMO since 2006, and until November 2015 has been providing support to the Joint WMO-IOC Technical Commission for Oceanography and Marine Meteorology (JCOMM) with regard to the implementation of the marine meteorological and oceanographic observing systems, and related data management. During the period 1989 to 2005, while based in Largo, USA from 1989 to 1993, and then in Toulouse, France, he has providing technical support to WMO and IOC Members with regard to the implementation of data buoy and ship-based observing systems, and assisted with the establishment of the Argo Information Centre (AIC) and the JCOMM *in situ* Observations Programme Support Centre (JCOMMOPS) in 2001. He has been leading the development and implementation of the regional network of Automatic Weather Stations in North-East France in the beginning of his career at Météo-France. Mr. Etienne Charpentier graduated in 1984 from the National Meteorological Engineer School, Toulouse, France.