

Dr. Jean-Noël Thépaut is the Director of Copernicus Services at the European Centre for Medium-Range Weather Forecasts (ECMWF). Jean-Noël has been a key player in the ECMWF team which has successfully implemented two of the EU's Copernicus Earth observation services: the Copernicus Climate Change Service (C3S) and the Copernicus Atmosphere Monitoring Service (CAMS).

Previously, he was the Head of C3S, which has made the transition from a prototype service to a fully operational service routinely making available a wide range of products to thousands of users. These include climate data records of Essential Climate Variables (ECVs), global and regional climate reanalyses, multi-model seasonal forecasts, global and regional climate scenarios, and climate impact indicators. The quality-assured, authoritative information C3S provides is an invaluable resource for policymakers, scientists and businesses in sectors such as water management, energy, agriculture, transport, tourism and others.

Prior to this role he was the Head Data Division and Deputy Director of the Research Department at European Centre for Medium-Range Weather Forecasts (ECMWF) where his section developed world-class data assimilation algorithms for Numerical Weather Prediction, the exploitation of satellite observations from operational and research Earth Observation platforms, and the development and production of state-of-the-art climate re-analyses.

Jean-Noël Thépaut is "Ingénieur Général des Ponts, des Eaux et des Forêts" and graduated from the French National School of Meteorology. He received his PhD from PARIS-VI University in 1992 in the field of atmospheric data assimilation. He was also involved in the early development of the variational data assimilation systems at ECMWF and Météo-France.

Jean-Noël has served on a number of Committees, including the EUMETSAT Mission Expert Team for Meteosat Third Generation and EPS Second Generation, the NASA Global Modeling and Assimilation Office Advisory Board and the ESA Earth's Science Advisory Committee (ESAC). He is currently co-chair of the World Climate Research Programme Data Advisory Council.