



MINISTRY OF ENVIRONMENT

NATIONAL METEOROLOGICAL ADMINISTRATION



METEO



ROMANIA



Date: 10 September 2018

Dr. Florence RABIER, Director-General
European Centre for Medium-Range Weather Forecast (ECMWF)
Shinfield Park, Reading RG2 9AX, UK

Subject: Endorsement letter for ExtremeEarth Preparatory Project proposal

Dear Dr. Florence RABIER,

It is well known Europe has experienced a significant number of severe meteorological and hydrological events in recent years. These natural hazards have had significant impacts: human lives have been lost, properties and infrastructure damaged, well-functioning of key economic sectors affected. In this context, the ExtremeEarth project, aiming at revolutionizing Europe's capability of predicting and monitoring environmental extremes and identifying knowledge gaps arisen from the inadequacy of existing forecasting and warning models, becomes of paramount importance.

It is obvious that the objectives of the ExtremeEarth project are impressive and has immense scientific and societal significance, contributing to the understanding of the earth, natural hazards and climate change. ExtremeEarth will deliver the methods needed to achieve a step change in simulation accuracy and data integration, to allow scientists to understand the drivers of extremes and application communities to anticipate their impact. An accurate monitoring and predicting of environmental extremes and their impacts on society needs a European wide approach. In this context, we strongly believe that the outcome of this project will represent steps forward in the direction of minimizing the impacts of hazardous weather events on people, infrastructure and industry, thus protecting lives and livelihoods of the people.

As a General Director of the National Meteorological Administration, I would like to express our full support for an EU Flagship and ECMWF's involvement as a leader of the ExtremeEarth preparatory project. This project naturally falls in the direction ECMWF has been approached for many years, that of building high-quality research capacities and

contributing not only to the progress of environmental science in general but also to the high-precision modelling development and global numerical weather predictions.

Population safety and security, water and food security, economic growth and sustainable development, increasing prosperity, enhancing resilience to disasters and climate change, and

improving public health, are issues of fundamental importance for the Romanian government. In this context, the National Meteorological Administration's main duty is to predict extreme weather phenomena, warn the authorities and the population, thus minimizing casualties and damage, protecting lives and properties. With its proven expertise in high quality weather observation and monitoring, the National Meteorological Administration could become a reliable project partner and bring a significant contribution to the success of the project.

We wish you every success with the project proposal!

Yours sincerely,

Dr. Elena MATEESCU

Director General

