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Président

Dr Peter Bauer
European Centre for Medium-Range Weather Forecasts
Shinfield Park, Reading RG2 9AX
United Kingdom

Antony, 17 September 2018

Dear Dr. Bauer,

On behalf of IRSTEA, I am very pleased to provide my endorsement to the ExtremeEarth FET Flagship Project. Being aware of current forecasting, modelling and computational limitations, ExtremeEarth aims at the integration of edge and exascale computing as well as the real-time exploitation of pervasive environmental data. The project is a most timely initiative that will contribute amongst others to improving extreme events preparedness and response.

IRSTEA, the French Research Institute of Science and Technology for Environment and Agriculture, has a long history on extreme events research, both in France and internationally. Our research interests include, among many others, the development of multi-model approaches in hydrological forecasting (flooding and drought), the communication of uncertainties in the hydrologic forecasting chain, and the evaluation of the impacts of global changes in hydrological processes. Results from our research seek a better management of water resources in the light of current and emerging extreme events. Hydrological operational services and engineering consultancy firms are the main users of our research products.

As referred to above, the project will offer a great opportunity to enhance our knowledge and research capabilities. In this respect, IRSTEA wishes to reiterate its endorsement to the initiative as well as its interest to support future endeavours in the form of upcoming endorsements, consultations or project partnerships. As Executive Chairman, I will facilitate the engagement of our scientists in this initiative.

I wish you success in the final preparation of the proposal and in any future activities.

Yours sincerely,

Marc MICHEL
Executive Chairman of IRSTEA