

→ Peter



Deutscher Wetterdienst - Postfach 10 04 65 - 63004 Offenbach

Dr. Florence Rabier
Director-General
European Centre for Medium-Range
Weather Forecasts
Shinfield Park,
Reading RG2 9AX, UK

Der Präsident

Ansprechpartner:
Prof. S. Jones
Telefon:
+49 69/8062-2720
E-Mail:
Sarah.Jones@dwd.de

Geschäftszeichen:
FE/Extr. Earth
Fax:

UST-ID: DE221793973

Offenbach, 06 August 2018

Reference:

ExtremeEarth EU Flagship proposal; 2nd stage of a two-stage submission procedure for FETFLAG-01-2018

Subject: Letter of support

With this letter of support, Deutscher Wetterdienst (DWD) wishes to express its strong support for the project ExtremeEarth, a candidate European Commission Future and Emerging Technology Flagship. Given the evidence for rapid climate change the proposed project is very timely and has immense scientific and societal significance as it seeks to revolutionize Europe's capability of predicting and monitoring environmental extremes and their impacts. ExtremeEarth will enable European governments and society to plan more effectively and become more resilient to the environmental impacts, especially extreme natural phenomena.

DWD looks forward to collaborating with the ExtremeEarth project consortium should it be positively evaluated and receive funding. The envisioned co-operation would involve research on weather and climate extremes through

- further developing our seamless high-resolution ICON modelling framework for weather, climate and environmental forecasts,
- performing research on ultra-high-resolution weather, climate and environmental predictions,
- developing downstream applications based on ExtremeEarth simulations for key customers of DWD, especially in the field of emergency response agencies and renewable energy, and
- utilizing our comprehensive monitoring networks of the atmospheric state.

ExtremeEarth with its focus on physical models of the Earth system with unprecedented resolution and accuracy will strengthen Europe's global lead in Earth-system prediction and support DWD's future mission.

Yours sincerely,

Dr. P. Becker
for Prof. Dr. G. Adrian



www.dwd.de

Dienstgebäude: Frankfurter Str. 135 - 63067 Offenbach am Main, Tel. 069 / 8062 - 0
Kontoverbindung: Bundeskasse Trier - Deutsche Bundesbank Saarbrücken - IBAN: DE81 5900 0000 0059 0010 20, BIC: MARKDEF15
Der Deutsche Wetterdienst ist eine teilrechtsfähige Anstalt des öffentlichen Rechts im Geschäftsbereich
des Bundesministeriums für Verkehr und digitale Infrastruktur.
Das Qualitätsmanagement des DWD ist zertifiziert nach DIN ISO 9001:2008 (Reg.-Nr. 10700813:KPMG)

