



LUND
UNIVERSITY

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Dr. Peter Bauer
Deputy Director
Research Department
European Centre for Medium-Range Weather
Forecasts
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Dept of Physical Geography and
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Professor Ben Smith, Head of Department

Endorsement letter


ExtremeEarth Flagship proposal / Coordination and support actions /
1st stage of a two-stage submission procedure for FETFLAG-01-2018

Dear Dr Peter Bauer


Lund University notes with interest the development of the proposal *ExtremeEarth* to establish a Future and Emerging Technology Flagship focused unifying technologies and approaches to advance understanding of the Earth System, natural hazards and climate change with a focus on extremes.

We are a leading institute for research, education and outreach in the Environmental Sciences, and a key node for European research infrastructure for greenhouse gas measurements (ICOS) and aerosols, clouds and trace gases (ACTRIS). The Carbon Portal, a central facility of ICOS-ERIC, is hosted by the Dept of Physical Geography and Ecosystem Science, benefitting for mutual interactions with strong in-house research on ecosystem biogeochemistry, greenhouse gas exchange and interactions with the climate system. Our profile makes us a natural partner for ExtremeEarth with its aim to bring together major European centres for Earth system modelling, monitoring, analysis to improve the scientific evidence base for societal aspirations to respond to climate changes and extremes.

We fully endorse the ExtremeEarth initiative, with its scientific, technological and programmatic objectives, and look forward to close interactions in the future.



Benjamin Smith
Head of Department



Sven Lidin
Dean of the Faculty of Science