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

Subject: Endorsement Letter

Dear Dr. Peter Bauer,

On behalf of the Estonian University of Life Sciences, I would like to express our strong support for the ExtremeEarth initiative. The rapid changes impacting on the environment induced by humankind do not let much of a time window open to develop scientific driven mitigation strategies and to ensure societal resilience under the premises of growing urbanization, growing population, and shrinking natural resources. Answers to these global challenges are further impacted by prediction uncertainty and the challenge to implement and apply monitoring data on appropriate large scale. One critical step is to build the inter- and multidisciplinary competence to tackle these challenges. ExtremeEarth is, to our opinion, a necessary step to build this competence on a European level.

The Estonian University of Life Sciences represents the Estonian large scale climate research station SMEAR Estonia, uniting scientists from the fields of atmospheric physics, agriculture, biosphere-atmosphere exchange, ecology, earth-sciences, geology, forestry, mathematical modeling and theory building spread over different Universities and research institutions in Estonia. We are glad to contribute with our competence, data and monitoring capacities to the ExtremeEarth initiative.

We express our strong support for the ExtremeEarth proposal towards a European Commission Future and Emerging Technology Flagship, to help to predict, to monitor, and to create deep understanding of environmental extremes and their impacts on society.



Steffen M. Noe