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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,

I am happy to inform you that the International Institute for Applied Systems Analysis (IIASA) endorses the ExtremeEarth proposal for a candidate European Commission Future and Emerging Technology Flagship, targeting a visionary unifying goal for new technologies and approaches for high-precision modelling and simulation.

The International Institute for Applied Systems Analysis (IIASA) is an international scientific institute that conducts research into the critical issues of global environmental, economic, technological, and social change that we face in the twenty-first century. IIASA's work reveals options to policymakers to shape the future of our changing world.

For this mission, it will be critical to enhance the understanding and our ability to predict and monitor environmental extremes and their impacts on society reliably, as envisaged by the proposed ExtremeEarth project. The ExtremeEarth activities will provide important input to a wide range of IIASA's activities, which integrate natural, social, and economic systems to produce independent, interdisciplinary research into realworld problems.

Dr. Markus Amann Program Director Air Quality and Greenhouse Gases International Institute for Applied Systems Analysis