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Title: Project Minerva: Towards Seamless High-Resolution Climate Prediction

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Abstract:

An introduction to and overview of Project Minerva, a continuation of the highly successful Project Athena, an international collaboration between the Center for Ocean-Land-Atmosphere Studies (COLA) and the European Centre for Medium-Range Weather Forecasts (ECMWF), in support of both centers' ongoing efforts to understand and quantify predictability in the climate system from daily to interannual time scales. Building upon the results of Project Athena, we explore the impact of increased atmospheric resolution on model fidelity and prediction skill in a coupled, seamless framework as part of the NCAR Advanced Scientific Discovery program.

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