



Seasonal-to-decadal climate probabilistic forecasts in the ENSEMBLES project

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Seasonal-to-decadal dynamical ensemble forecasting is a major component of the EU-funded FP6 ENSEMBLES project. In this paper a brief description of the project's objectives will be given. In particular, the benefits of the multi-model and stochastic physics approaches to assess model uncertainty will be discussed. The climate and forecast quality of a multi-model ensemble system made of several ocean-atmosphere coupled models will be compared to a single-model ensemble system that includes a new stochastic physics parameterisation. Finally, an outlook of the strategy to publicly disseminate the considerable amount of seasonal-to-decadal ensemble forecast data will be given.