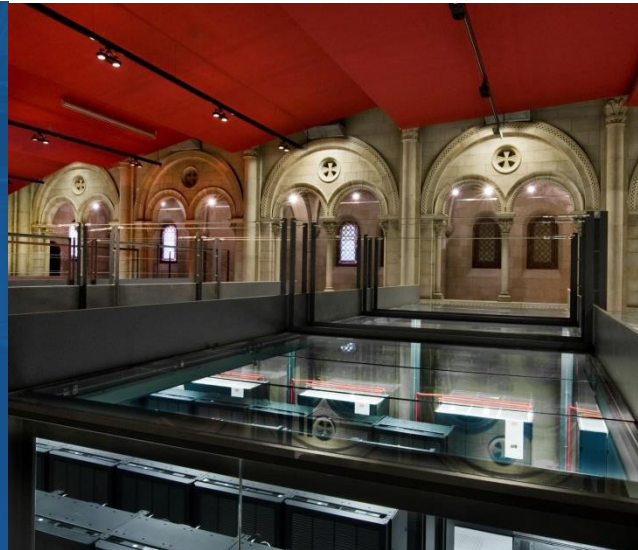


BSC-CNS Earth Sciences Department

“Modelling the Earth system to provide a robust understanding of environmental risks and optimise management strategies“

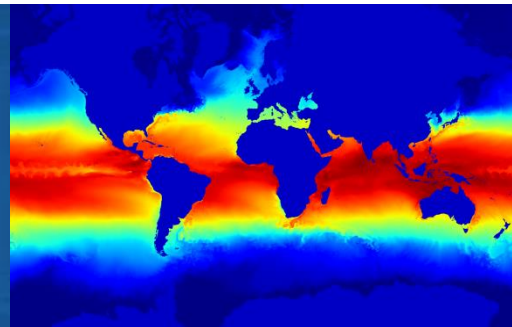
The Earth Sciences Department (BSC-ES) is structured around four main pillars, two basic (CP, AC) and two applied research groups (CES, ESS):

- CLIMATE PREDICTION (CP)
- ATMOSPHERIC COMPOSITION (AC)
- COMPUTATIONAL EARTH SCIENCES (CES)
- EARTH SYSTEM SERVICES (ESS)



The mission of the Earth Sciences Department is to perform research and develop methods for environmental forecasting, with a particular focus on the **atmosphere-ocean-biosphere system**.

By combining highly-qualified researchers, impact modelers and software developers, BSC-ES also works with a range of end users to ensure that **knowledge and technology transfer** support the main societal challenges through the use of models and the efficient use of HPC and Big Data technologies.



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