

[QA4SEAS: Quality Assessment Strategies for Multi-model Seasonal Forecast](#)

Description

QA4Seas (Quality Assurance for Multi-model Seasonal Forecast Products) aims at developing a strategy for the evaluation and quality control (EQC) of the multi-model seasonal forecasts provided by the Copernicus Climate Change Service (C3S) to respond to the needs identified among a wide range of stakeholders. The quality assessment will be user driven and will put at work the best expertise available on the evaluation of the multi-faceted quality aspects of state-of-the-art seasonal forecast systems.

A thorough survey, coordinated with other lots of the C3S 51 tender, will be undertaken and analysed to provide a detailed mapping of the user needs, identifying those features that should be addressed with priority. The survey will be fed with general information about the data available and the concepts that form the basis of seasonal forecasting, including illustrations from a preliminary assessment.

Its outcome will be used to identify a set of the requirements for the climate data store (CDS) to address the main user requirements, to perform a gap analysis of the current information available to users and to develop a prototype of the EQC system that will illustrate the strategy proposed for the future development of the C3S.

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Source URL (retrieved on 12 ago 2024 - 13:32): <https://www.bsc.es/ca/research-and-development/projects/qa4seas-quality-assessment-strategies-multi-model-seasonal>