

Venue	Vienna, Austria
Date	23 rd – 28 th April 2017
Type	PICO
Session	CL5.13 - Towards CMIP6 internationally coordinated climate modeling experiments: the role and use of modeling and observation research infrastructures
Title	Documenting CMIP6 with ES-DOC

The Earth System Documentation (ES-DOC) project is an international effort aiming to deliver a robust earth system model inter-comparison project documentation infrastructure. Such infrastructure both simplifies & standardizes the process of documenting (in detail) projects, experiments, models, forcings & simulations.

In support of CMIP6, ES-DOC has upgraded its eco-system of tools, web-services & web-sites. The upgrade consolidates the existing infrastructure (built for CMIP5) and extends it with the introduction of new capabilities. The strategic focus of the upgrade is improvements in the documentation experience and broadening the range of scientific use-cases that the archived documentation may help deliver.

Whether it is highlighting dataset errors, exploring experimental protocols, comparing forcings across ensemble runs, understanding MIP objectives, reviewing citations, exploring component properties of configured models, visualizing inter-model relationships, scientists involved in CMIP6 will find the ES-DOC infrastructure helpful.

During this PICO session scientists will be walked through demonstrations of various aspects of the ES-DOC eco-system. Documentation will be created & published, viewed and compared. Following the walk-throughs scientists will realize that documenting their work has been greatly simplified and provides concrete benefits.