



The Earth System (ES-DOC) Project

Mark Greenslade (1), Sylvia Murphy (2), Allyn Treshansky (2), Cecilia DeLuca (2), Eric Guilyardi (1), and Sebastien Denvil (1)

(1) CNRS, IPSL, Institut Pierre Simon Laplace, Global climate modelling group, Paris, France, (2) NESII/CIRES/NOAA, Earth System Research Laboratory, Boulder, United States

ESSII.3 New Paradigms, Modelling, and International Collaboration Strategies for Earth System Sciences

Earth System Documentation (ES-DOC) is an international project supplying tools & services in support of earth system documentation creation, analysis and dissemination. It is nurturing a sustainable standards based documentation eco-system that aims to become an integral part of the next generation of exa-scale dataset archives. ES-DOC leverages open source software and places end-user narratives at the heart of all it does.

ES-DOC has initially focused upon nurturing the Earth System Model (ESM) documentation eco-system. Within this context ES-DOC leverages emerging documentation standards and supports the following projects:
Coupled Model Inter-comparison Project Phase 5 (CMIP5);
Dynamical Core Model Inter-comparison Project (DCMIP);
National Climate Predictions and Projections Platforms Quantitative Evaluation of Downscaling Workshop.

This presentation will introduce the project to a wider audience and demonstrate the range of tools and services currently available for use. It will also demonstrate how international collaborative efforts are essential to the success of ES-DOC.