

IS-ENES3 Milestone M7.2

Set up of review committee and user selection panel

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ABSTRACT

The IS-ENES3 provides services on data from the ENES Data Federation. We set a Review Committee to report on the services we offer in IS-ENES3, such as ESGF, ES-DOC, and the Climate4Impact Data Portals. A Scientific Evaluation Committee to review candidate proposals and support the users selection for the new Trans-national access service has also been established.



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1. Objectives

Objective 1: to set a Review Committee to report on the services we offer in IS-ENES3. These services are advertised through the ENES portal and concern in particular the ESGF, ES-DOC, Climate4Impact Data Portals. The review board will include experts on climate data in Europe and worldwide. The review will help assess the visibility, accessibility, quality and usefulness of the services offered. The review is also expected to make suggestions for improvements. More specifically, the reviewers could:

- Visit the graphical user interfaces for metadata inspection, searching the data catalogue and accessing the climate data and report on their functionality
- Visit the Climate4impact portal targeted towards the climate impact communities and assess its quality and utility
- Infer with respect to understandability and completeness additional guidance material like “How to Use” and “Frequently Asked Questions”
- Review the user help desk as direct support line

The reviews will be published through deliverables D7.2 (month 24) and D7.4 (month 40).

Objective 2: to set a Scientific Evaluation Committee to support the selection of users of the new Trans-national access service. The Scientific Evaluation Committee is representing international experts in the climate model community as well as downstream communities (especially the climate impact community). It evaluates the user proposal based on the following criteria: objectives, impact, expected results, originality, and scientific quality, technical expertise to exploit the platform to produce the results in the described time frame, scientific excellence and quality of methodology, and innovation potential. More specifically, the evaluators should:

- Review and rank the proposals from 1 (worst) to 5 (best) according to how the users proposal match the following features:
 - Fit to ENES objectives:
 - Integration of the Earth’s climate system modelling community and the sustainability of its infrastructure.
 - Common development of models and tools, and the efficient use of HPC.

- Exploitation of model data by the Earth system science community, the climate change impact community and the climate service community.
- Scientific Excellence: the projects should demonstrate good understanding of scientific issues in their chosen domain, and the ability to develop excellent science through their work-plan. Ideally, reference should be made to the WCRP Grand Challenges.
- Project Management: the proposals must set out clear objectives and a well-structured timetable, with appropriate milestones, for project execution. Measures to quantify the success of the project in meeting these objectives should be defined (e.g. datasets published, conference proceedings, scientific literature).
- Convene an online meeting to discuss and harmonise the approach to scoring
- Provide the Secretary with a report, ranking the proposals and summarising the decision process.

2. Description of work: Methodology and Results

For Objective 1, we contacted external reviewers with strong experience in global modelling and impact research. This Review Committee will consist on two members:

- Dr. Iuliia Polkova iuliia.polkova@uni-hamburg.de, teaching "Climate Modelling" to undergraduates and researching at the Institute of Oceanography at the University of Hamburg,
- Dr. Laurens Bouwer laurens.bouwer@hzg.de impact researcher at the Climate Service Center Germany (GERICS).

Dr. Sebastian Brune sebastian.brune@uni-hamburg.de, researcher at the Institute of Oceanography at the University of Hamburg, can be also contacted if needed.

For Objective 2, the scientific committee member's expertise covers: climate model evaluation, including process studies, using climate model output to drive impact models and using statistical and dynamical downscaling to assess information at finer scales. This Evaluation Committee consist on:

- two external reviewers, Dr. Gabriella Zsebehazi zsebehazi.g@met.hu researcher at the Hungarian Meteorological Service, and Dr. Holger Pohlmann holger.pohlmann@mpimet.mpg.de researcher at the Max Planck Institute of Meteorology,
- two internal reviewers, Dr. Christian Page christian.page@cerfacs.fr and Dr. Janette Bessembinder janette.bessembinder@knmi.nl, researchers at CERFACS and KNMI respectively, with an expertise on the use of climate data in particular for climate impact studies.