

Introduction to the course

Judith Klostermann

Wageningen Environmental Research (WENR)

November 4th, 2020





Aims of the IS-ENES3 project

- Pursue the integration of the climate modelling community & prepare the sustainability of the research infrastructure
- Foster common development of models and tools and efficient use of HPC
- Support exploitation of model data by the Earth system science, the climate change impact and the climate service communities

ABOUT
EVENTS
DOCUMENTS
SERVICES
INTERNAL
ARCHIVE







Welcome to the IS-ENES3 project

Infrastructure for the European Network for Earth System Modelling (2019 - 2022)

IS-ENES3, an **Horizon 2020 project**, is the third phase of the distributed e-infrastructure of the European Network for Earth System Modelling (**ENES**).

The project fosters collaboration between twenty-two European climate research institutions.

The community aims to develop a better understanding of past and present-day climate and to project future variability and changes through the development and sharing of model components, modelling tools and data infrastructure.

The IS-ENES3 three main objectives are to:

UPCOMING EVENTS

First IS-ENES3 virtual Autumn School on Climate data use for Impact assessments
Nov 04, 2020 09:00 AM (Europe/Vienna)

XIOS training sessions
Nov 04, 2020 10:00 AM (Europe/Vienna)

[Previous events...](#)

[Upcoming events...](#)

COMMUNITY NEWS

OPEN CALL: Run your own scripts to process ESGF CMIP and CORDEX model data in the supercomputers holding the data
Jul 28, 2020

New deadline to access our Virtual Workspaces. Run your own scripts to process ESGF CMIP and CORDEX model data in the supercomputers holding the data
Jun 02, 2020

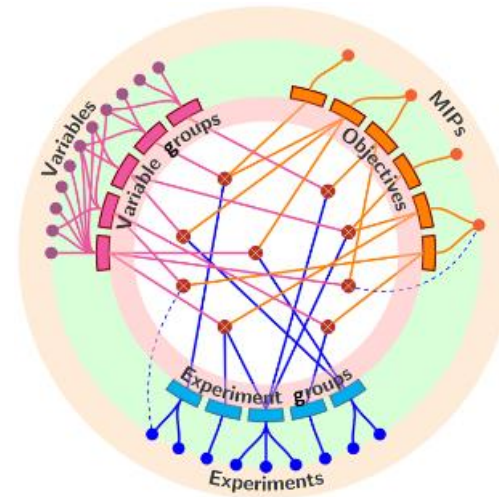
Virtual 6th HPC workshop on 25-26 and 28-29 May, 2020
May 29, 2020

[More...](#)

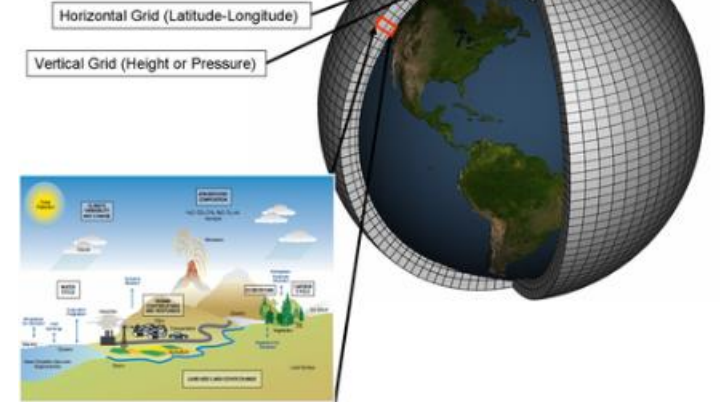
Follow us!

Aims of the Autumn school

- Share knowledge of the IS-ENES consortium;
- Overview of developed tools
- Working with climate data
- Interaction between climate scientists and impact researchers



Schematic for Global Atmospheric Model



Click on one of these images to go to a specific climate change Impact and adaptation theme.

Program overview

Week 1	Week2	Week 3	Week 4	Week 5	Week 6
Introductions Climate models ESMValTool Downscaling Climate data, CMIP Climate indices, uncertainties, ensembles	Impact modeling Impact studies agriculture/forestry Impact studies water Climate services Climate portals	Case study explanation Climate4Impact portal	Case studies Questions Interactive session ongoing work	Case studies Questions Interactive session ongoing work	Presentation of case studies Evaluation

Name game

Introduce yourself by telling us something about your name

- What's in a name...
- How do we call you
- To memorize



One minute!