



## Call for Flagship Pilot Studies open now!

The call consists of two parts one open part and one part dedicated to Climate Risks and this time with a special request for Small Islands challenges.

Deadline for applications is 21 August 2024.

Read more and apply [here](#) or in the flyer below.

A flyer for the Flagship Pilot Studies call. It has a white background with a blue border. The text is as follows:

**The CORDEX Science Advisory Team (SAT)**  
invites you to submit new  
**proposals for Flagship Pilot Studies**

This FPS call consists of two parts:

An open part where you suggest a topic of your choice as long as it follows the [FPS Criteria & Guidelines](#)

A part dedicated to Climate Risks. Climatic Hazards, and in particular their extremes, are responsible for much of the risk to human and natural systems associated with climate variability and change and often require high resolution models to adequately simulate them including their potential changes due to climate change. These hazards include: tropical cyclones, heatwaves, extreme wind storms, drought, fires and orography induced processes such as extreme rainfall related floods and landslides, downslope winds and convection, amongst others. We here encourage FPS proposals that target risk producing climatic hazards including assessing and improving simulations of the hazard, understanding the projected future changes, and quantifying the added-value that high-resolution/process resolving brings to the simulation of the hazards and their changes. CORDEX SAT would also highly appreciate proposals related to Small Islands challenges.

As indicated in the [FPS Criteria & Guidelines](#) the FPS proposals will be reviewed and endorsed by the CORDEX SAT, together with selected external reviewers. Further details on the FPS, together with instructions on how to submit your proposal and an application template, can be found under [Experiment Guidelines/Flagship Pilot Studies](#) at the CORDEX website [www.cordex.org](http://www.cordex.org).

**The deadline for applications is Wednesday 21 August 2024**  
The successful proposals will be presented at the CORDEX web.



An article about the International Conference on Regional Climate - CORDEX 2023 has been published in the Bulletin of the American Meteorological Society.

[CORDEX- Advancing High Resolution Climate Information and its Use in Society](#)

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## CORDEX-SEA workshop report

The CARE for SEA megacities project of CORDEX Southeast Asia (CORDEX SEA) held an in person three-day training workshop on empirical statistical downscaling (ESD) and urban climate downscaling in Kuala Lumpur, Malaysia on 14-16 May 2024.

Following the inception workshop and stakeholder consultation last year, the training workshop was primarily for members of the CARE for SEA megacities project team, who

will be conducting the urban downscaling simulations. The workshop had both lecture and hands-on sessions on ESD, Land Surface Physics-Based Downscaling (LSP-DS) and urban modelling, which will be used in generating city scale climate hazard information for the CARE for SEA megacities project.

The full report can be read [here](#)

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## Reminder: Open call for CORDEX Science Advisory Team (SAT) membership

Do you want to engage in and contribute to CORDEX development as a member of the CORDEX Science Advisory Team (SAT)?

The call for nominations is **open until 30 June 2024** and self-nominations are welcomed.

Information about the call and link to the nomination form can be found [here](#).

You can also read more about the CORDEX SAT [here](#).

Please circulate and distribute this call among your communities and networks!



## EURO-CORDEX domain

EURO-CORDEX is the European branch of CORDEX. EURO-CORDEX has been active since the beginning of CORDEX and during the [General assembly this year](#) they celebrated the 15th anniversary of the EURO-CORDEX initiative. It was also the 14th time the General assembly was held. The first dedicated EURO-CORDEX Modeling Meeting took place in November 2011 in Hamburg, Germany.

EURO-CORDEX is a voluntary effort of many of the leading and most active institutions in the field of regional climate research in Europe. The core of EURO-CORDEX consists of the simulations provided by the participating groups.

In 2021 German TV interviewed CORDEX co-chair Daniela Jacob, also highly involved in the EURO-CORDEX initiative, about the release of information sheets based on EURO-CORDEX simulations. <https://cordex.org/2021/07/09/german-tv-interviews-cordex-co-chair-about-the-release-of-information-sheets-based-on-euro-cordex-simulations/>

In 2023 the White paper on CMIP6 GCM selection and Matrix design for EURO-CORDEX was published: [EURO-CORDEX CMIP6 GCM Selection & Ensemble Design: Best Practices and Recommendations](#)

Three Flagship Pilot Studies for the European region have been endorsed so far, dedicated to different topics (one covering both Europe and the Mediterranean):  
[Convective phenomena at high resolution over Europe and the Mediterranean](#)

[Impact of land use changes on climate in Europe across spatial and temporal scales](#)

[URBan environments and Regional Climate Change \(URB-RCC\)](#)

In 2024, an article was published in the Bulletin of the American Meteorological Society "Delivering an Improved Framework for the New Generation of CMIP6-Driven EURO-CORDEX Regional Climate Simulations" <https://doi.org/10.1175/BAMS-D-23-0131.1>  
The paper presents the protocol for the CMIP6/EURO-CORDEX simulations and highlights the improvements we expect in the new generation regional climate ensemble.

The current Points of Contact in this domain are:

**EURO-CORDEX: Daniela Jacob, Stefan Sobolowski, Eleni Katragkou, José Manuel Gutierrez and Claas Teichmann**

[EURO-CORDEX domain](#)

More information on activities can be found at the CORDEX website under [Domain activities](#)

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**The International Project Office for CORDEX is hosted by  
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