

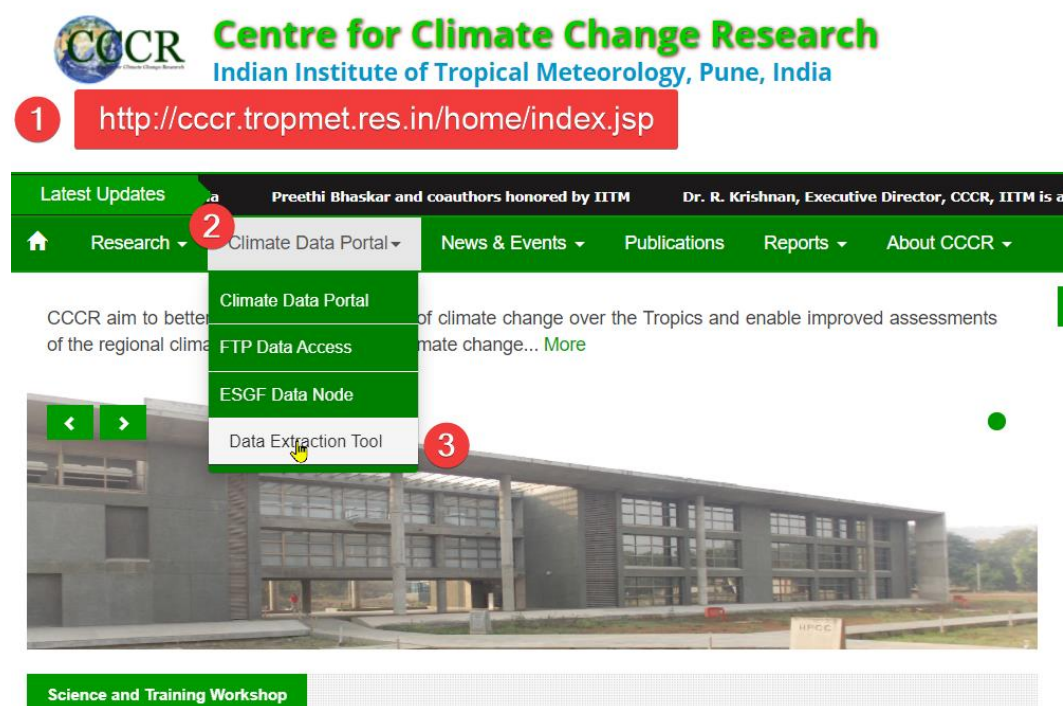
Documentation for ESGF registration to download CORDEX datasets

Objective: The objective of this exercise is to get a registration with the Earth System Grid Federation (ESGF)* to download the Coordinated Regional Climate Downscaling Experiment (CORDEX) datasets.

Requirement: Internet connection and email address

ESGF registration process

1: Go to the website of IITM Pune (<http://cccr.tropmet.res.in/home/index.jsp>)



2: Click on 'Climate Data Portal'

3: Click on Data extraction Tool

***Note:** The ESGF maintains a global system of federated data centers that allow access to the largest archive of model climate data world-wide. ESGF portals provide access to the output from Coupled Model Intercomparison Project (CMIP) models contributing to the assessment report of the Intergovernmental Panel on Climate Change (IPCC), Coordinated Regional Climate Downscaling Experiment (CORDEX) projects, and others. CORDEX simulations are visible on all ESGF index nodes worldwide.

Overview

Data Extraction Tools

Climate Scenarios

Data Extraction Tool

This is a trial version of a Web Interface based on python under development by CCCR-IITM for users to explore and remotely access subsets (some variables in a particular region for a particular time slice) of authorised datasets available on ESGF in the framework of CORDEX South Asia simulations, and download the selected subset in CSV, Text or NetCDF data formats.

Data Extraction Tool Architecture

This data extraction tool needs access to ESGF with an Openid and CORDEX project registration.

Users having ESGF Openid, [click here](#) **2**

New users can create ESGF account following instructions given in [DKRZ ESGF Index Node](#) **1**

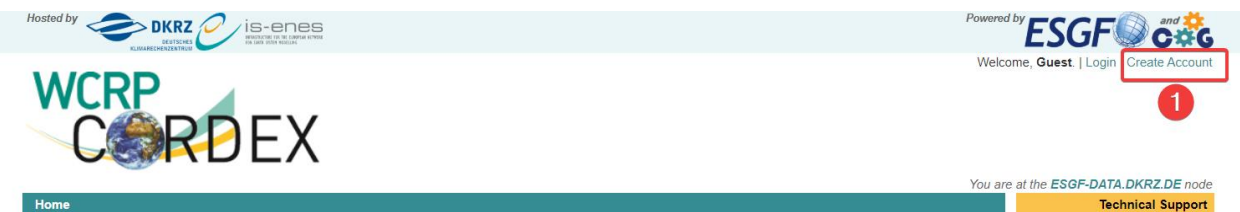
CORDEX also requires a **Group Registration** (see the detailed instructions on [DKRZ Website](#)) to access CORDEX data.

ESGF-CoG FAQ on questions concerning data, e.g. data format, data processing, CMIP and CORDEX data (e.g., How can CORDEX data on a grid with rotated poles be rotated back?) [please [click here](#)]

- 1) To Register for the ESGF account for the first time, click on [“DKRZ”](#)
- 2) Once registered, click on “click here” to get inside the node

ESGF registration can be done from multiple nodes. In this example the German Climate Computing Center (DKRZ) has been used

Go to the website for registration: <https://esgf-data.dkrz.de/search/cordex-dkrz/>



- 1: Click [‘Create Account’](#) for new registration

You will be taken to a registration page:


ESGF-DATA.DKRZ.DE Home You are at the ESGF-DATA.DKRZ.DE node

[Technical Support](#)

Create User Profile

Please provide the information below to request a CoG account.
Required fields are in bold.
Upon submission, an OpenID will be automatically assigned to you: you will need that OpenID to login.
The following characters are not allowed: < > & # % { } [] \$

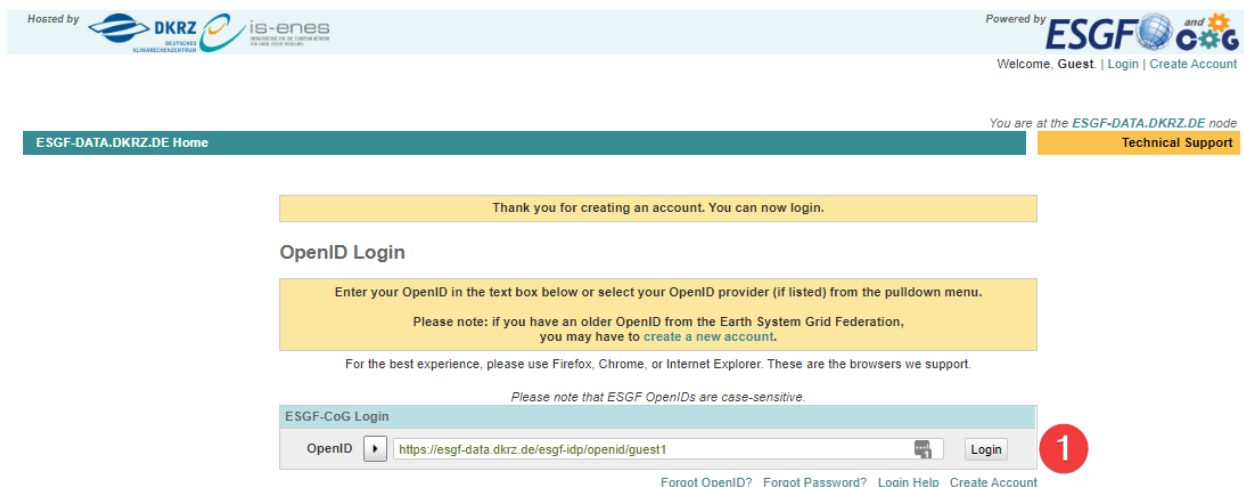
Please note that if you are logging in with a previously granted ESGF OpenID, CoG requires that Institution, City, and Country be added to your account.





User Information	
User Name	guest1 <small>[5 to 30 characters, letters, digits and @/./-/_ only. Please note that the username is used to build a unique OpenID that you will use to login. If your chosen username is not available, you will be automatically assigned a similar one.]</small>
First Name	CORDEX
Last Name	Guest 1
Email	santosh3nepal@gmail.com
Password	***** <small>[At least 8 characters, including one lower case letter, one upper case letter, one number, and one special symbol. All characters are allowed EXCEPT for () * . .]</small> Password score: strong. Estimated time to crack password: 14 days
Confirm Password	***** <small>[Must match the password above.]</small>
Institution	ICIMDO
Department	Water and Air
City	Kathmandu
State	Please select...
Country	Nepal
Interest Keywords	climate change <small>[A short list of science fields you are involved with (80 characters maximum). Example: Software Engineering, Grid Computing, Climate Change.]</small>
Interest Statement	Modelling <small>[A short paragraph describing your professional interests (1000 characters maximum).]</small>
Subscribe to COG Email List?	<input type="checkbox"/> ['cog_info', low traffic list]
Do not list me among project members	<input type="checkbox"/>
<p>Please type the letters in the image to prove you are human:  <input type="text" value="COXO"/></p> <p>By clicking Submit you agree to the DKRZ Privacy Policy and Terms of Use.</p> <p><input type="button" value="Cancel"/> <input type="button" value="Submit"/></p>	

Type the following details:

- 1: Choose your username (eg. guest1)
- 2: First and last name
- 3: Your email address
- 4: Your password (Always remember your password and keep it safely, you will need it later)
- 5: Verification
- 6: Click 'Submit'

After clicking the ‘submit’, you will be taken to a new page which indicates that you have successfully created an account.



Hosted by   Powered by  and 

Welcome, Guest | Login | Create Account

ESGF-DATA.DKRZ.DE Home Technical Support

You are at the ESGF-DATA.DKRZ.DE node

Thank you for creating an account. You can now login.

OpenID Login

Enter your OpenID in the text box below or select your OpenID provider (if listed) from the pulldown menu.

Please note: if you have an older OpenID from the Earth System Grid Federation, you may have to [create a new account](#).

For the best experience, please use Firefox, Chrome, or Internet Explorer. These are the browsers we support.

Please note that ESGF OpenIDs are case-sensitive.

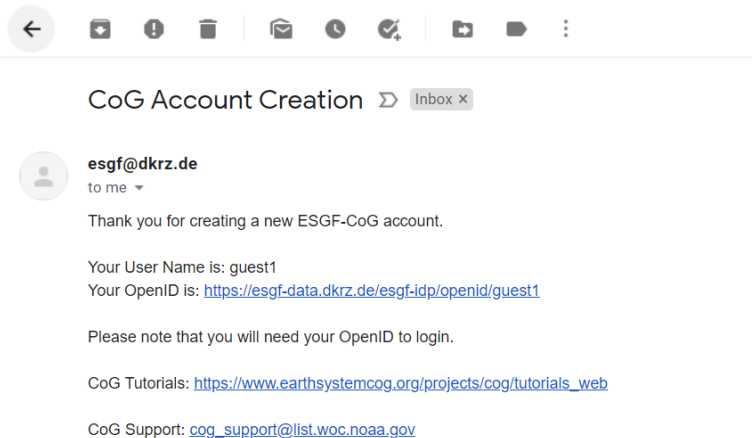
ESGF-CoG Login

OpenID

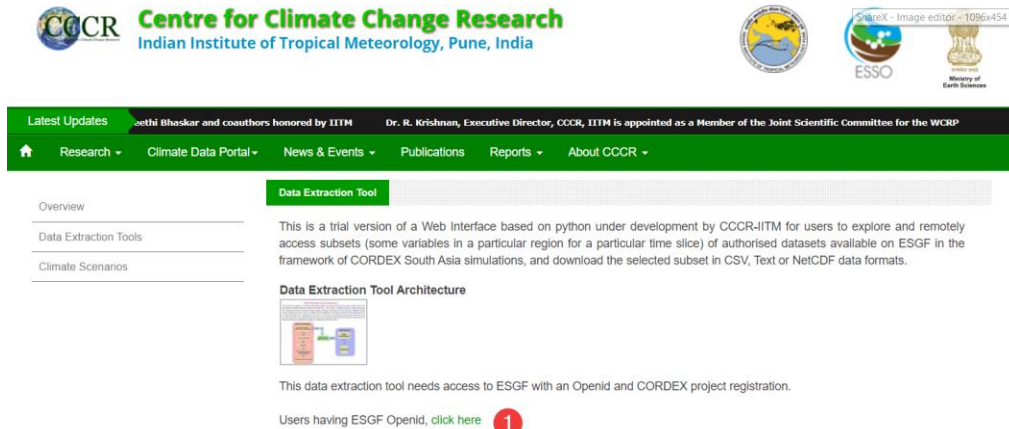
[Forgot OpenID?](#) [Forgot Password?](#) [Login Help](#) [Create Account](#)

1: This is your OpenID to download CORDEX data. Please keep this information safely.

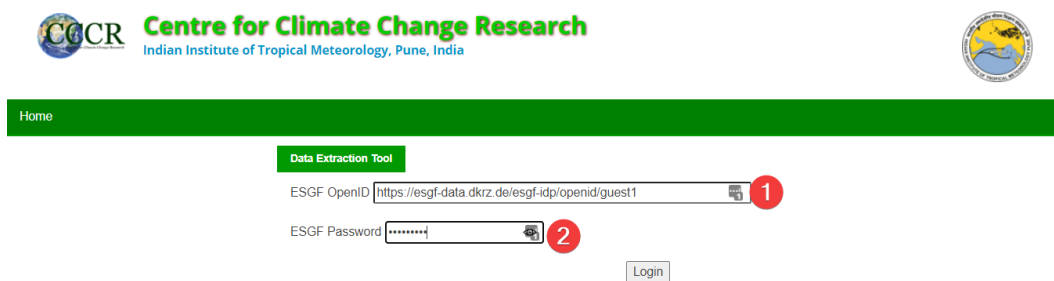
<https://esgf-data.dkrz.de/esgf-idp/openid/guest1> (your username from earlier registration remains at the end. You will also receive email confirmation in your email account:



1: Now, go to IITM Pune website [http://cccr.tropmet.res.in/home/data_cccrdx.jsp] and click 'Users having ESGF OpenID, 'click here' link



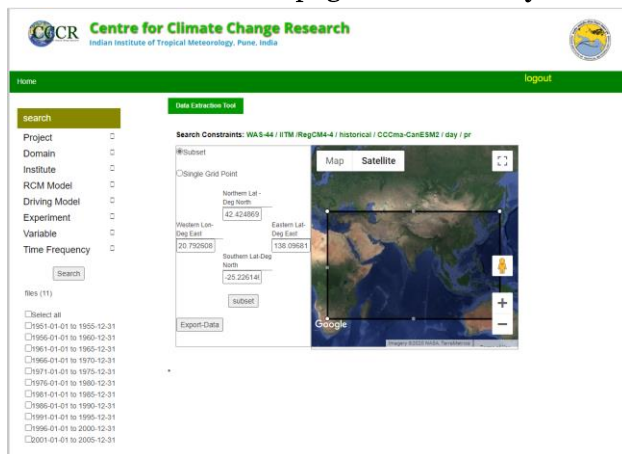
You will be taken to a new page where you can keep the ESGF OpenID link that you received during the registration:



1: Keep your ESGF OpenID here

2: Enter your password here

You will be taken to a page from where you can download CORDEX datasets:



Now you will be able to download CORDEX data from IITM Portal. Please follow the next documentation on how to download CORDEX data

[--End of the documentation--](#)