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](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 worldwide. 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.
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:

<table>
<thead>
<tr>
<th>Create User Profile</th>
</tr>
</thead>
<tbody>
<tr>
<td>Please provide the information below to request a CeGID account. Required fields are in bold. Upon submission, a CeGID will be automatically assigned to you. You will need the CeGID to login. The following characters are not allowed: &lt; &gt; &amp; % [ ]</td>
</tr>
</tbody>
</table>

1. **User Name**: guest1
2. **First Name**: Guest
3. **Last Name**: Guest
4. **Email**: santher@ucdavis.edu
5. **Password**: Password
6. **Confirm Password**: Password
7. **Institution**: UC Davis
8. **Department**: Water & Air
9. **City**: Santa Cruz
10. **State**: Please select...
11. **Country**: Nepal
12. **Interests Keywords**: Climate change
13. **Interest Statement**: Modeling
14. **Do not list me among project members**: 

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.

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:}

```plaintext
esgf@dkrz.de

to me 

Thank you for creating a new ESGF-CoG account.

Your User Name is: guest1
Your OpenID is: https://esgf-data.dkrz.de/esgf-idp/openid/guest1
Please note that you will need your OpenID to login.

CoG Tutorials: https://www.earthsystemcog.org/projects/cog/tutorials_web
CoG Support: cog_support@list.wrc.noaa.gov
```
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 --