RCP Representative Concentration Pathways Database

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Summary

The RCP Database is hosted at the International Institute for Applied Systems Analysis (IIASA), and documents the emissions, concentrations, and land-cover change projections based on four RCPs that are intended to provide input to climate models. The database, which was first released in May 2009, includes data starting from an identical base year (2000) to 2100. Wherever available, historical information is provided back to the year 1850.

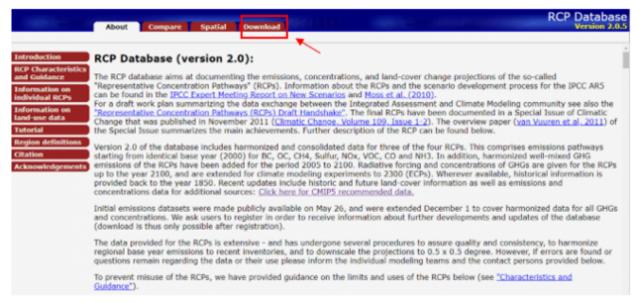
Tables In IFs

Variable	Definition	Years UsedInPreprocessor
ForecastCO2IIASARCP2	⁶ World CO2 emission under RCP2.6 scenario, historical and forecast, IMAGE model	2000-2100 0
ForecastCO2IIASARCP4	⁵ World CO2 emission under RCP4.5 scenario, historical and forecast, MiniCAM model	2000-2100 0
ForecastCO2IIASARCP6	World CO2 emission under RCP6.0 scenario, historical and forecast, AIM model	2000-2100 0
ForecastCO2IIASARCP8	World CO2 emission under RCP8.5 scenario, historical and forecast, MESSAGE model	2000-2100 0

Data Pulling Instructions

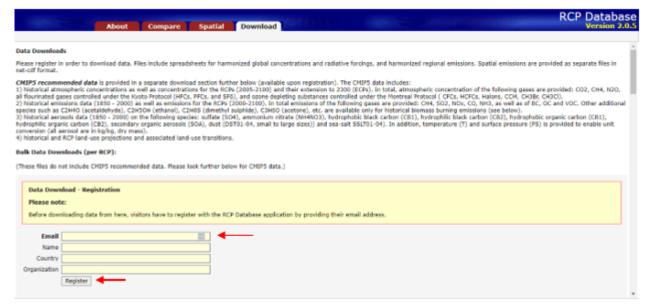
STEP 1.) Navigate to the home page of the RCP Database

STEP 2.) At the top of the page, click on the tab labeled "**Download**".



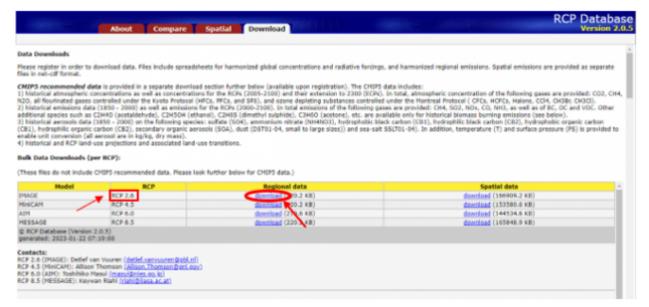
RCP's Homepage

STEP 3.) Before downloading from the RCP database, you have to register by providing your email address. Therefore, enter your email address in the text box beside "**Email**". Then click on "**Register**".



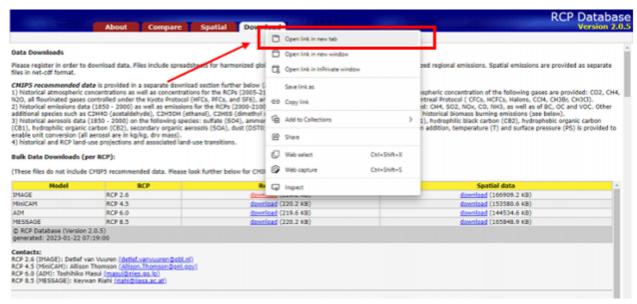
RCP's Register to Download Page

STEP 4.) We use data from all the RCP's, so depending on what RCP you want data from, say for example, "RCP 2.6", you will **right click** on "**Download**", which is located beside it, under "**Regional data**".



RCP's Download Page

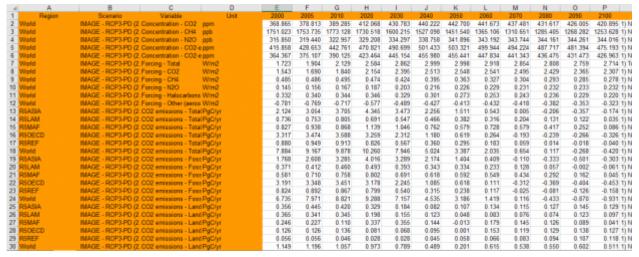
STEP 5.) From the pop-up menu, select "Open link in new tab"



Pop-Up Menu for Download

STEP 6.) Note: You may get a warning, if you do, proceed with the download by keeping the file. If an Excel sheet opens in a new tab, download the file.

Now you will be able to format the downloaded data to upload it into IFs.



RCP Excel File Example

Data Notes

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