# Climate Change Knowledge Portal, World Bank

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## **Summary**

The Climate Change Knowledge Portal (CCKP) provides global data on historical and future climate, vulnerabilities, and impacts. There are 55 tables, but only 1 preprocessor.

CCKP offers spatially aggregated climate data for land at the country or territory level, subnational first level, and watershed level, along with ocean data for Exclusive Economic Zones (EEZs) and ocean basins.

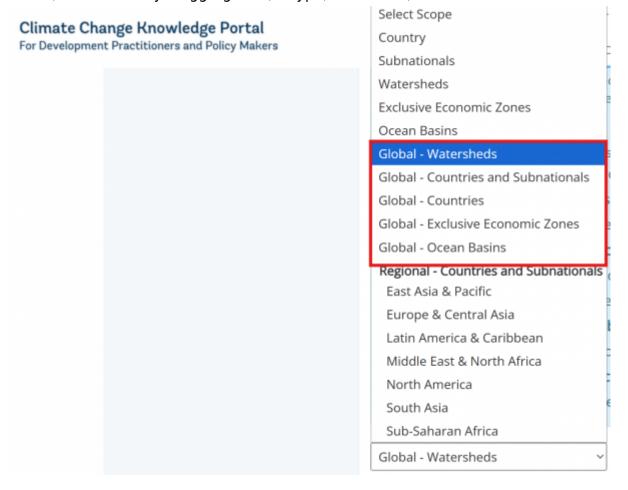
Currently, the only data available for ocean areas pertains to cyclones. This same data is also provided at the country or territory level, specifically regarding cyclone landfall. They plan to expand the ocean data coverage in the near future.

### **Tables In IFs**

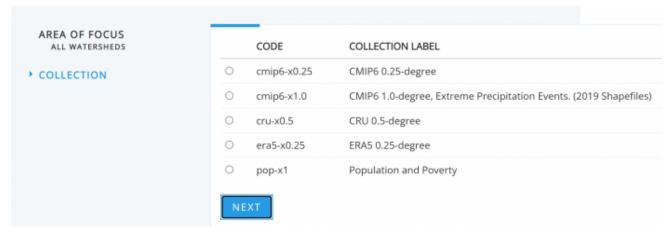
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ForecastEnvTempP10RCP45  Mean temperature from 1990, historical and forecast, 10th percentile of all model outputs, RCP 4.5 scenario  Mean temperature from 1990, historical and forecast, 10th percentile of all model outputs, RCP 6.0 scenario  ForecastEnvTempP10RCP85  Mean temperature from 1990, historical and forecast, 10th percentile of all model outputs, RCP 8.5 scenario  Mean temperature from 1990, historical and forecast, 10th percentile of all model outputs, RCP 8.5 scenario  Mean temperature from 1990, historical and forecast, 90th percentile of all model outputs, RCP 2.6 scenario  Mean temperature from 1990, historical and forecast, 90th percentile of all model outputs, RCP 4.5 scenario  Mean temperature from 1990, historical and forecast, 90th percentile of all model outputs, RCP 8.5  Mean temperature from 1990, historical and forecast, 90th percentile of all model outputs, RCP 8.5  Mean temperature from 1990, historical and forecast, 90th percentile of all model outputs, RCP 8.5  Mean temperature from 1990, historical and forecast, 90th percentile of all model outputs, RCP 8.5  Mean temperature from 1990, historical and forecast, 90th percentile of all model outputs, RCP 8.5  Mean temperature from 1990, historical and forecast, 90th percentile of all model outputs, RCP 8.5		Mean temperature from 1990, historical and forecast, 10th percentile of all model outputs, RCP 2.6		
ForecastEnvTempP10RCP60  Mean temperature from 1990, historical and forecast, 10th percentile of all model outputs, RCP 6.0 scenario  ForecastEnvTempP10RCP85  Mean temperature from 1990, historical and forecast, 10th percentile of all model outputs, RCP 8.5 ocenario  Mean temperature from 1990, historical and forecast, 90th percentile of all model outputs, RCP 2.6 ocenario  Mean temperature from 1990, historical and forecast, 90th percentile of all model outputs, RCP 4.5 ocenario  Mean temperature from 1990, historical and forecast, 90th percentile of all model outputs, RCP 4.5 ocenario  ForecastEnvTempP90RCP45  Mean temperature from 1990, historical and forecast, 90th percentile of all model outputs, RCP 6.0 ocenario  Mean temperature from 1990, historical and forecast, 90th percentile of all model outputs, RCP 8.5 ocenario  Mean temperature from 1990, historical and forecast, 90th percentile of all model outputs, RCP 8.5 ocenario		Mean temperature from 1990, historical and forecast, 10th percentile of all model outputs, RCP 4.5		
ForecastEnvTempP10RCP85  Mean temperature from 1990, historical and forecast, 10th percentile of all model outputs, RCP 8.5 scenario  ForecastEnvTempP90RCP26  Mean temperature from 1990, historical and forecast, 90th percentile of all model outputs, RCP 2.6 scenario  Mean temperature from 1990, historical and forecast, 90th percentile of all model outputs, RCP 4.5 scenario  ForecastEnvTempP90RCP45  Mean temperature from 1990, historical and forecast, 90th percentile of all model outputs, RCP 4.5 scenario  Mean temperature from 1990, historical and forecast, 90th percentile of all model outputs, RCP 6.0 scenario  Mean temperature from 1990, historical and forecast, 90th percentile of all model outputs, RCP 8.5  Mean temperature from 1990, historical and forecast, 90th percentile of all model outputs, RCP 8.5  Mean temperature from 1990, historical and forecast, 90th percentile of all model outputs, RCP 8.5		Mean temperature from 1990, historical and forecast, 10th percentile of all model outputs, RCP 6.0	0	
ForecastEnvTempP90RCP26  Mean temperature from 1990, historical and forecast, 90th percentile of all model outputs, RCP 2.6 scenario  Mean temperature from 1990, historical and forecast, 90th percentile of all model outputs, RCP 4.5 scenario  ForecastEnvTempP90RCP45  Mean temperature from 1990, historical and forecast, 90th percentile of all model outputs, RCP 4.5 scenario  Mean temperature from 1990, historical and forecast, 90th percentile of all model outputs, RCP 6.0 scenario  Mean temperature from 1990, historical and forecast, 90th percentile of all model outputs, RCP 8.5 occario	· ·	Mean temperature from 1990, historical and forecast, 10th percentile of all model outputs, RCP 8.5	0	
ForecastEnvTempP90RCP45  Mean temperature from 1990, historical and forecast, 90th percentile of all model outputs, RCP 4.5 scenario  Mean temperature from 1990, historical and forecast, 90th percentile of all model outputs, RCP 6.0 scenario  Mean temperature from 1990, historical and forecast, 90th percentile of all model outputs, RCP 8.5  Mean temperature from 1990, historical and forecast, 90th percentile of all model outputs, RCP 8.5	·	Mean temperature from 1990, historical and forecast, 90th percentile of all model outputs, RCP 2.6	0	
ForecastEnvTempP90RCP60  Mean temperature from 1990, historical and forecast, 90th percentile of all model outputs, RCP 6.0 scenario  Mean temperature from 1990, historical and forecast, 90th percentile of all model outputs, RCP 8.5		Mean temperature from 1990, historical and forecast, 90th percentile of all model outputs, RCP 4.5	0	
ForerastEnvTempP0RCPRS Mean temperature from 1990, historical and forecast, 90th percentile of all model outputs, RCP 8.5	ForecastEnvTempP90RCP60	Mean temperature from 1990, historical and forecast, 90th percentile of all model outputs, RCP 6.0	0	
	ForecastEnvTempP90RCP85	Mean temperature from 1990, historical and forecast, 90th percentile of all model outputs, RCP 8.5	0	

## **Data Pulling Instructions**

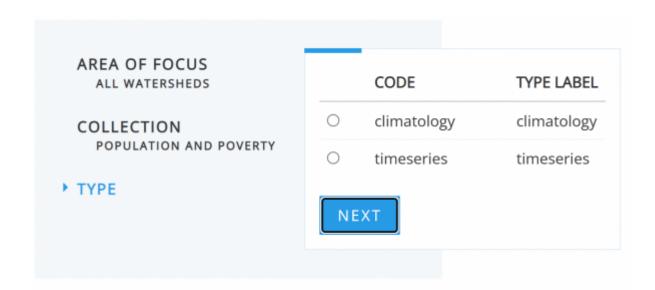
- 1. Navigate to https://climateknowledgeportal.worldbank.org/download-data
- 2. Choose Global [variable] in the drop down because the global selection will provide data for all country or territory units (including subnationals), watersheds, EEZs, or ocean basins, but allow only 1 aggregation, 1 type, 1 scenario, and 1 variable to be selected.



3. Select the collection needed.



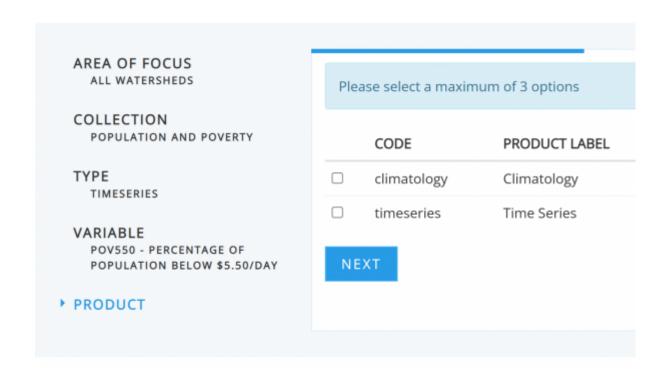
4. Then select the Type



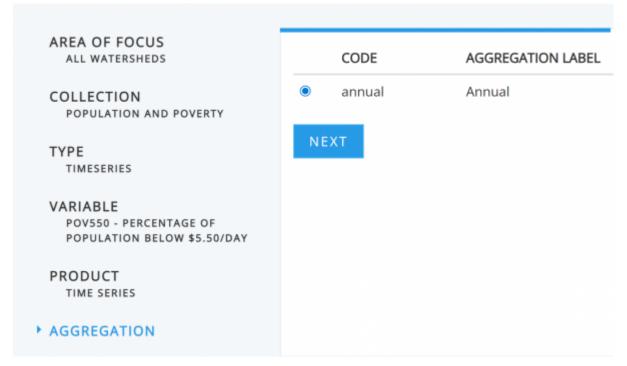
### 5. Select the Variable

AREA OF FOCUS ALL WATERSHEDS	CODE	VARIABLE LABEL
COLLECTION	<ul><li>popcount</li></ul>	Population Count
POPULATION AND POVERTY	Opodensity	Population Density
TYPE TIMESERIES	O pov190	Percentage of Population below \$1.90/day
VARIABLE	O pov320	Percentage of Population below \$3.20/day
	O pov550	Percentage of Population below \$5.50/day
	NEXT	

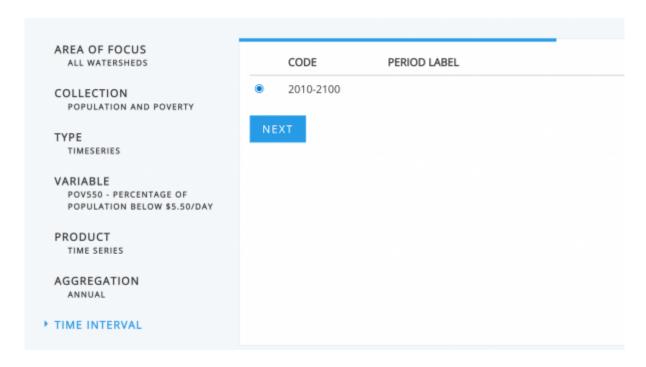
#### 6. Select the Product



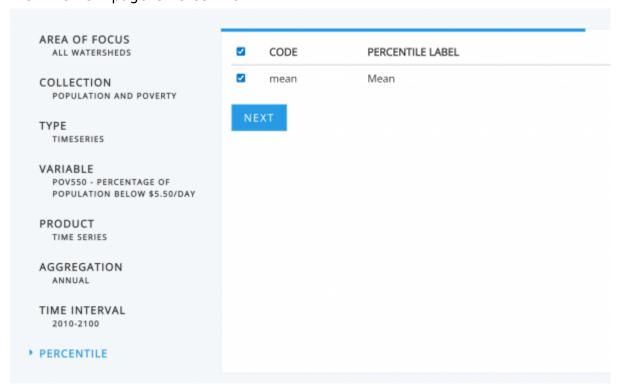
7. Select the Aggregation which should be annual



8. Next is the Time Interval



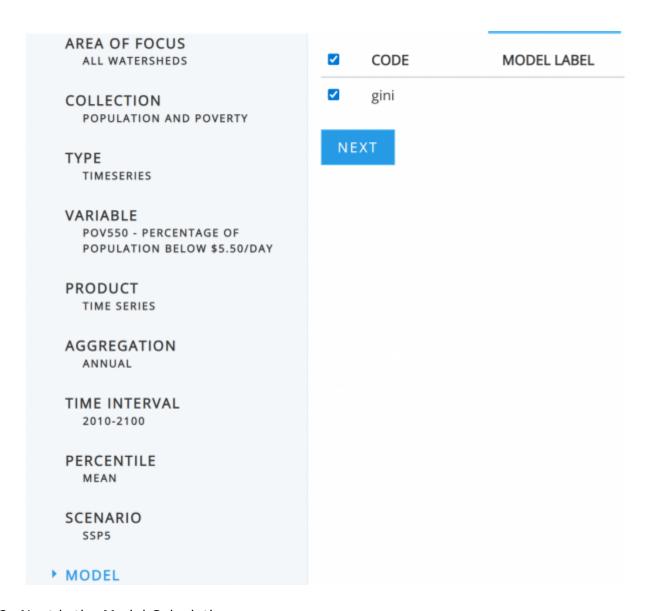
### 9. Then the next page is Percentile



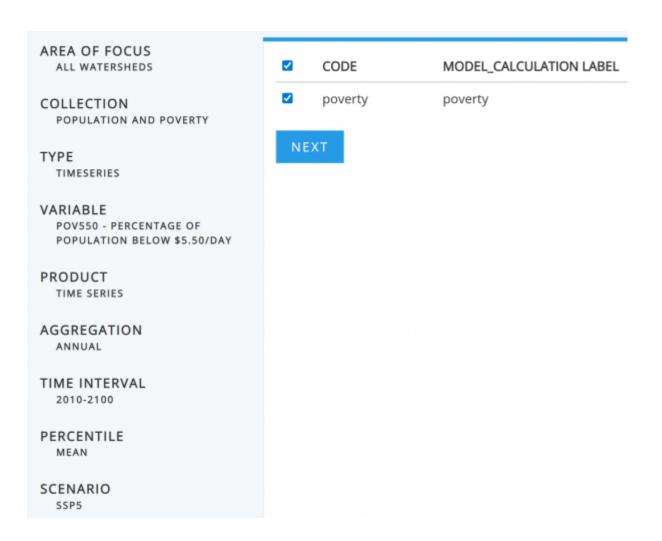
#### 10. Choose the Scenario

AREA OF FOCUS ALL WATERSHEDS		CODE	SCENARIO LABEL
COLLECTION	0	SSP1	SSP1
POPULATION AND POVERTY	0	SSP2	SSP2
TYPE TIMESERIES	0	SSP3	SSP3
VADIABLE	0	SSP4	SSP4
VARIABLE  POV550 - PERCENTAGE OF  POPULATION BELOW \$5.50/DAY	•	SSP5	SSP5
	0	ssp119	SSP1-1.9
PRODUCT TIME SERIES	0	ssp126	SSP1-2.6
AGGREGATION	0	ssp245	SSP2-4.5
ANNUAL	0	ssp370	SSP3-7.0
TIME INTERVAL 2010-2100	0	ssp585	SSP5-8.5
PERCENTILE MEAN	N E	EXT	
► SCENARIO			

### 11. Next is the Model



#### 12. Next is the Model Calculation



13. Once you select all the variables you need, you can either use an API or download an Excel sheet.



## **Data Notes**

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