

List of environmental databases

Specific Databases/Datasets

1. EU Pollutant Release and Transfer Registry ([Link](#)), EU Emission Trading Scheme transaction ([Link](#), [background](#)), European Industrial Emissions Portal ([Link](#)), Japan ([Link](#)), Mexico ([Link](#), [Link](#)), Mex-Can-US ([Link](#)), China ([IPE Blue Map](#); [Download](#))
2. EU Emission Trading Data ([Link](#), [Link](#))
3. Global Material Flows Database ([Link](#))
4. Global Energy Monitor ([Link](#)) several databases on power plants of all sort. For hydrogen plants ([Link](#)).
5. Open Database on Global Coal and Metal Mine Production ([Link database](#); [Link Article](#))
6. EDGAR ([Link](#)). Geospatial data on CO2 emissions, GHG emissions, pollutants.
7. ECMWF Copernicus Atmosphere Monitoring Service Global Near Real Time Data ([Link](#)). Real time data on air pollution (PM2.5, PM10)
8. Sentinel-5 ([Link](#)). Geospatial data on pollutants.
9. ERA Climate Reanalysis Dataset ([Link](#)). Wind, temperature, precipitation.
10. Global Flood Database ([Link](#)).
11. World Resource Institute Dynamic World ([Link](#)). Data on land-use change (urban sprawl, deforestation, depletion of water, growth of agriculture)
12. Global Forest Watch ([Link](#)). Global Deforestation data.

Database with repositories of data sets

1. Resource Watch ([Link](#): [link to curated maps](#)) 300+ datasets on climate, air, forests, and cities. Accessible via API.
2. Awesome Data ([Link](#)). Specific sections that could be of interest: Agriculture, Climate + Weather, Energy,

Topic specific repositories with multiple data sets

3. Awesome Forest ([Link](#)). Many datasets are rather complex, therefore only consider if you have some basic coding knowledge.
4. AquaStata FAO ([Link](#)).
5. FAO Stat ([Link](#)).
6. Energy and Electricity Markets ([Link](#)), South Africa ([Link](#))
7. Princeton Library US EPA Data sources ([Link](#)), Biodiversity ([Link](#))
8. Berkeley Library Environmental Economics and Policy Data ([Link](#))
9. Yale Library Environmental Data: Public Environmental Data ([Link](#))
10. US EPA Datasets ([Link](#))
11. EU Environmental Agency Datahub ([Link](#))