

CarbonPlan – Datasets

UPDATED NOV 22 2022

CMIP6 downscaling

[ZARR ↗](#) [CSV ↗](#)

Downscaled climate projections from the Coupled Model Intercomparison Project Phase 6 (CMIP6) for climate impacts analysis and planning.

[Browse map ↗](#) [Read article ↗](#)

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VARIABLES

MINIMUM TEMPERATURE, MAXIMUM
TEMPERATURE, PRECIPITATION

SPATIAL COVERAGE

GLOBAL

TEMPORAL COVERAGE

1970-2100

TEMPORAL RESOLUTION

DAILY, PLUS MONTHLY AND ANNUAL
AGGREGATIONS

Compliance users

[JSON](#) ↓

Harmonized linkages in public cap-and-trade data on carbon offset usage.

[Web tool](#) ↗ [Blog post](#) ↗

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Forest carbon

ZARR [↗](#)

Annual CO₂ committed emissions due to forest losses (e.g. clearing, fires) from 2001-2020 globally.

[Map tool ↗](#) [Blog post ↗](#) [Climate TRACE website ↗](#)

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VARIABLES

ANNUAL CO₂ EMISSIONS

SPATIAL COVERAGE

GLOBAL

SPATIAL RESOLUTION

30 M, 3 KM, COUNTRY AGGREGATES

TEMPORAL COVERAGE

2001-2020

TEMPORAL RESOLUTION

ANNUAL

Forest risks

ZARR ↗

Climate-driven risks from fire, drought, and insects to United States forests through the end of the 21st century.

[Browse map ↗](#) [Read article ↗](#) [Read publication ↗](#)

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VARIABLES

FRACTION BURNED / MONTH, DROUGHT
MORTALITY, INSECT MORTALITY

SPATIAL COVERAGE

CONTIGUOUS UNITED STATES

SPATIAL RESOLUTION

4 KM

TEMPORAL COVERAGE

1984-2018 (HISTORICAL), 1970-2099
(SIMULATION)

TEMPORAL RESOLUTION

MONTHLY (FIRE), ANNUAL (DROUGHT,
INSECTS)

RELEASED MAY 26 2021

OFFSETS

CDR

CDR database

[JSON](#) ↓ [CSV](#) ↓

Analysis of 200+ public carbon dioxide removal project proposals from 2020 and 2021. No longer updated as of 2022.

[Web tool](#) ↗ [Blog post](#) ↗

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