

CarbonPlan – Datasets

UPDATED OCT 03 2022

Climate Risks Forests Fire

Forest risks

FORMATS: [ZARR](#) ↓ [CSV](#) ↓

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](#) ↗

METADATA

RELEASE DATE:	MAY 21 2021
LICENSE:	CC-BY-SA (SUBSETS AVAILABLE UNDER CC-BY)
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)

CMIP6 downscaling

FORMATS: [ZARR](#) ↓ [CSV](#) ↓

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

[Browse map](#) ↗ [Read article](#) ↗

METADATA

RELEASE DATE:	MAR 30 2022
LICENSE:	CC-BY-SA (SUBSETS AVAILABLE UNDER CC-BY)
VARIABLES:	MINIMUM TEMPERATURE, MAXIMUM TEMPERATURE, PRECIPITATION
SPATIAL COVERAGE:	GLOBAL
TEMPORAL COVERAGE:	1970-2100
TEMPORAL RESOLUTION:	DAILY, PLUS MONTHLY AND ANNUAL AGGREGATIONS

Offsets

Compliance users

FORMATS: [JSON](#) [↓](#)

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

[Web tool](#) ↗ [Blog post](#) ↗

METADATA

RELEASE DATE: JAN 05 2022

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[Forests](#)[Emissions](#)

Biomass emissions

FORMATS: [ZARR](#) ↓ [CSV](#) ↓

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

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

METADATA

RELEASE DATE: SEP 16 2021

LICENSE: CC-BY 4.0

VARIABLES: ANNUAL CO₂ EMISSIONS

SPATIAL COVERAGE: GLOBAL

SPATIAL RESOLUTION: 30 M, 3 KM, COUNTRY AGGREGATES

TEMPORAL COVERAGE: 2001-2020

TEMPORAL RESOLUTION: ANNUAL