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 A Read article A Read publication A

METADATA

RELEASE DATE: MAY 21 2021

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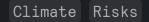
VARIABLES: FRACTION BURNED / MONTH, DROUGHT MORTALITY, INSECT MORTALITY

SPATIAL COVERAGE: CONTIGUOUS UNITED STATES

SPATIAL RESOLUTION: 4 KM

TEMPORAL COVERAGE: 1984-2018 (HISTORICAL), 1970-2099 (SIMULATION)

TEMPORAL RESOLUTION: MONTHLY (FIRE), ANNUAL (DROUGHT, INSECTS)



CMIP6 downscaling

FORMATS: ZARR ↓ CSV ↓

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

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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

FORMATS: JSON ↓

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

Web tool 7 Blog post 7

METADATA

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Biomass emissions

FORMATS: ZARR ↓ CSV ↓

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

Map tool 7 Blog post 7 Climate TRACE website 7

METADATA

RELEASE DATE: SEP 16 2021

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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