

Resource Summary Report

Generated by [ASWG](#) on Aug 3, 2026

WorldClim

RRID:SCR_010244

Type: Tool

Proper Citation

WorldClim (RRID:SCR_010244)

Resource Information

URL: <http://worldclim.org/>

Proper Citation: WorldClim (RRID:SCR_010244)

Description: A set of global climate layers (climate grids) with a spatial resolution of about 1 square kilometer. The data can be used for mapping and spatial modeling in a GIS or with other computer programs. If you are not familiar with such programs, you can try DIVA-GIS or the R raster package.

Resource Type: data set, data or information resource

Resource Name: WorldClim

Resource ID: SCR_010244

Alternate IDs: nlx_156877

Record Creation Time: 20220129T080257+0000

Record Last Update: 20260801T191202+0000

Ratings and Alerts

No rating or validation information has been found for WorldClim.

No alerts have been found for WorldClim.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 4051 mentions in open access literature.

Listed below are recent publications. The full list is available at [ASWG](#) .

Buddenhagen CE, et al. (2026) Validating a rapid algorithmic weed hazard ranking method. *Pest management science*, 82(1), 375.

Yehouenou Tessi DR, et al. (2026) Does climate change influence the spread of malaria in Benin? Insights from ecological niche modeling for surveillance efforts. *International health*, 18(1), 104.

Ricks KD, et al. (2026) Signatures of local nitrogen adaptation in the *Brachypodium distachyon* root microbiome. *The New phytologist*, 249(1), 433.

Yofukuji KY, et al. (2026) Anthropogenic Barriers Limit Fish Access to Essential Habitats in the Amazon in the Face of Climate Change. *Global change biology*, 32(1), e70685.

Mapengo RE, et al. (2025) Genomic epidemiology of *Histoplasma* in Africa. *mBio*, 16(9), e0056425.

Raubenheimer SL, et al. (2025) Climate-change-driven shifts in C3 and C4 grass distributions and leaf traits could lead to changes in community-level flammability. *American journal of botany*, 112(10), e70081.

Ochoa-Alvarez TC, et al. (2025) Landscape-level variation in spring leaf phenology is driven by precipitation seasonality in the Mexican red oak *Quercus castanea*. *AoB PLANTS*, 17(2), plae067.

Jian S, et al. (2025) Implications for the distributional range of the European bark beetles under future climate change. *Scientific reports*, 15(1), 29556.

Bouslihim Y, et al. (2025) Baseline high-resolution maps of soil nutrients in Morocco to support sustainable agriculture. *Scientific data*, 12(1), 1389.

Wang YX, et al. (2025) Multifaceted Biodiversity Patterns and Influencing Factors of Lucanus Stag Beetles (Coleoptera, Lucanidae) in China. *Ecology and evolution*, 15(8), e71954.

Liu SY, et al. (2025) An integrative framework reveals widespread gene flow during the early radiation of oaks and relatives in Quercoideae (Fagaceae). *Journal of integrative plant biology*, 67(4), 1119.

Bowman EA, et al. (2025) Invasive Buffelgrass, *Cenchrus ciliaris*, Balances Opportunistic Acquisition of Foliar fungi With Host and Environmental Filtering in Its Introduced Range. *Molecular ecology*, 34(2), e17609.

Tushabe D, et al. (2025) Patterns and Drivers of Pollen Temperature Tolerance. *Plant, cell & environment*, 48(2), 1366.

Suda RA, et al. (2025) Population Genomics Reveals Demographic History and Climate Adaptation in Japanese *Arabidopsis halleri*. *Plant & cell physiology*, 66(4), 529.

Omondi E, et al. (2025) Association analyses reveal both anthropic and environmental selective events during eggplant domestication. *The Plant journal : for cell and molecular biology*, 121(3), e17229.

Kirkland M, et al. (2025) Extreme migratory connectivity and apparent mirroring of non-breeding grounds conditions in a severely declining breeding population of an Afro-Palearctic migratory bird. *Scientific reports*, 15(1), 3307.

Wiśniewska K, et al. (2025) Impact of pollution on microbiological dynamics in the pistil stigmas of *Orobancha lutea* flowers (Orobanchaceae). *Scientific reports*, 15(1), 3382.

Connolly LN, et al. (2025) Nitrogen fixation rates and aerial root production among maize landraces. *Frontiers in plant science*, 16, 1502884.

Zhou G, et al. (2025) Fire-driven disruptions of global soil biochemical relationships. *Nature communications*, 16(1), 1190.

Schmidt DA, et al. (2025) Genomic Vulnerability of a Sentinel Mammal Under Climate Change. *Molecular ecology*, 34(20), e17688.