

Resource Summary Report

Generated by [nidm-terms](#) on Jul 28, 2026

WorldClim

RRID:SCR_010244

Type: Tool

Proper Citation

WorldClim (RRID:SCR_010244)

Resource Information

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

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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 or information resource, data set

Resource Name: WorldClim

Resource ID: SCR_010244

Alternate IDs: nlx_156877

Record Creation Time: 20220129T080257+0000

Record Last Update: 20260728T043339+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 [nidm-terms](#) .

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.

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

Nin?evi? Runji? T, et al. (2025) Phenotypic plasticity vs. local genetic adaptation: essential oil diversity of natural immortelle (*Helichrysum italicum* (Roth.) G.Don) populations along eastern Adriatic coast. *Frontiers in plant science*, 16, 1467421.

Wang X, et al. (2025) Projecting the potential distribution of *Rickettsia japonica* in China and Asian adjacent regions under climate change using the Maxent model. *Frontiers in public health*, 13, 1478736.

Yang L, et al. (2025) Predicting suitable habitats of parasitic desert species based on Biomod2 ensemble model: *Cynomorium songaricum* rupr and its host plants as an example. *BMC plant biology*, 25(1), 351.

Kim MJ, et al. (2025) Climatic suitability and spread potential of *Anoplophora horsfieldii* (Coleoptera: Cerambycidae), a newly identified non-native insect on Jeju Island, Korea. *Scientific reports*, 15(1), 10428.

Yousefi M, et al. (2025) Global scale high-resolution habitat suitability modeling of avifauna providing pollination service (sunbirds, Nectariniidae). *Scientific reports*, 15(1), 9489.

Wang SK, et al. (2025) Upward and Northwest Range Shifts for Four Endemic Lamiaceae Medicinal Herbs in the Third Pole. *Ecology and evolution*, 15(3), e71116.

Shamsudduha M, et al. (2025) Assessing the water quality hazard and challenges to achieving the freshwater goal in Sri Lanka. *Scientific reports*, 15(1), 10187.

Lukhele SM, et al. (2025) Climate underpins continent-wide patterns of carotenoid-based feather colour consistent with Gloger's observations. *The Journal of animal ecology*, 94(5), 1046.

Rahimi E, et al. (2025) Exploring Climate-Driven Mismatches Between Pollinator-Dependent Crops and Honeybees in Asia. *Biology*, 14(3).

Hu X, et al. (2025) A 1 km monthly dataset of historical and future climate changes over China. *Scientific data*, 12(1), 436.

Sawant N, et al. (2025) Crop suitability analysis for the coastal region of India through fusion of remote sensing, geospatial analysis and multi-criteria decision making. *Scientific reports*, 15(1), 8727.

Stephenson N, et al. (2025) Occupancy of Urban Habitats by the Jersey Tiger Moth Is Revealed by Social Media Data but Not Traditional Monitoring. *Ecology and evolution*, 15(3), e71086.

Xu XM, et al. (2025) Next-generation sequencing-based population genetics unravels the evolutionary history of *Rhodomirtus tomentosa* in China. *BMC plant biology*, 25(1), 338.

Liu S, et al. (2025) Environmental drivers of spatial variation in tropical forest canopy height: Insights from NASA's GEDI spaceborne LiDAR. *Proceedings of the National Academy of Sciences of the United States of America*, 122(10), e2401755122.

Sun K, et al. (2025) Habitat Integrity Challenges for the Chinese Alligator Amid Land Occupation by Human: Pathways for Protection. *Ecology and evolution*, 15(3), e71113.