

Resource Summary Report

Generated by [ASWG](#) on Aug 22, 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: 20260821T193920+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 5002 mentions in open access literature.

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

Veltman MA, et al. (2026) Molecular evidence reveals unsustainable harvest of wild orchids. *Current biology : CB*, 36(7), 1842.

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

Zhu W, et al. (2026) Phylosymbiosis and Parallel Geographical Patterns in the Gut Microbiota of Desert-Dwelling Amphibians and Reptiles. *Integrative zoology*, 21(3), 652.

Genty L, et al. (2026) Intensive management negatively impacts field margin ecosystem service indicators at both field and landscape levels. *Ecological applications : a publication of the Ecological Society of America*, 36(1), e70161.

Chen R, et al. (2026) Ecological Niche Differentiation and Distribution Dynamics Revealing Climate Change Responses in the Chinese Genus *Dysosma*. *Plants (Basel, Switzerland)*, 15(1).

Song Y, et al. (2026) Global nitrogen enrichment impacts plant diversity more than soil bacterial and fungal diversity: a meta-analysis. *Nature communications*, 17(1), 1057.

Pp AR, et al. (2026) Assessing Habitat Suitability and Range Dynamics of *Syzygium alternifolium* (Wight) Walp Under Future Climatic Scenarios. *Ecology and evolution*, 16(1), e72861.

Ramachandran A, et al. (2026) Climate-induced shifts in habitat suitability of forest types and adaptation strategies in the Western Ghats of Tamil Nadu, India. *Scientific reports*, 16(1), 3481.

Dupeyron M, et al. (2026) Evolutionary history and climate-driven dynamics of transposable elements has shaped genome evolution in the *Coffea* genus. *Scientific reports*, 16(1).

Zama N, et al. (2026) Legume cover crops ameliorate soil acidity and enhance nutrient availability in South African sugarcane fields. *Scientific reports*, 16(1).

Magdy H, et al. (2026) Climate change impacts on the global potential distribution of the human flea, *Pulex irritans*, and the global health risks. *Scientific reports*, 16(1), 5944.

Zhuwawo T, et al. (2026) Modelling the spatial and temporal dynamics in the distribution patterns of African White backed vultures *Gyps africanus* in the Hwange National Park. *BMC ecology and evolution*, 26(1), 6.

Brilhante M, et al. (2026) Mapping Biodiversity Through Time and Space: Patterns and Drivers of Fabaceae Collection in Mozambique. *Ecology and evolution*, 16(2), e72854.

Kiene F, et al. (2026) Spatial Modelling of Environmental Risk Factors Influencing Schmallenberg Virus Exposure in German Sheep. *Transboundary and emerging diseases*, 2026, 7317792.

Chen Y, et al. (2026) Unraveling the invasion patterns of *Galinsoga quadriradiata* in mountain ranges: Insights from human activities, phenotypic and genetic variations. *Plant diversity*, 48(1), 192.

Kanda NB, et al. (2026) Unravelling tree diversity patterns and responses to environmental gradients in a tropical forest landscape of the Western Ghats. *Plant diversity*, 48(1), 92.

Volpi L, et al. (2026) Chemical-mineralogical features and physical properties of archaeological adobe: The evidence from Tell Zurghul/Nigin (Dhi Qar, Iraq). *PloS one*, 21(2), e0342009.

Yan T, et al. (2026) Genome-wide insights into adaptive divergence, historical demography, and habitat suitability of *Ptychobarbus Kaznakovi* and *P. leptosomus*. *BMC genomics*, 27(1).

Ramiandrisoa D, et al. (2026) Impact of protected areas on deforestation in Madagascar from 2000 to 2023: A pre-analysis plan. *PloS one*, 21(2), e0342093.

Chen Y, et al. (2026) Potential Range Shifts of Two Sympatric *Fagus* Species. *Ecology and evolution*, 16(2), e72979.