

Resource Summary Report

Generated by ASWG on Aug 2, 2026

biomod2

RRID:SCR_018246

Type: Tool

Proper Citation

biomod2 (RRID:SCR_018246)

Resource Information

URL: <https://CRAN.R-project.org/package=biomod2>

Proper Citation: biomod2 (RRID:SCR_018246)

Description: Software R package for species distribution modeling, calibration and evaluation, ensemble of models, ensemble forecasting and visualization.

Resource Type: data analysis software, software resource, data processing software, software application

Keywords: species distribution modeling, ensemble of models, ensemble forecasting, visualization, data

Availability: Free, Available for download, Freely available

Resource Name: biomod2

Resource ID: SCR_018246

License: GPL-2

Record Creation Time: 20220129T080339+0000

Record Last Update: 20260803T040755+0000

Ratings and Alerts

No rating or validation information has been found for biomod2.

No alerts have been found for biomod2.

Data and Source Information

Usage and Citation Metrics

We found 55 mentions in open access literature.

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

Cong W, et al. (2025) Snow Leopard habitat vulnerability assessment under climate change and connectivity corridor in Xinjiang Uygur autonomous region, China. Scientific reports, 15(1), 14583.

Lam MTX, et al. (2025) ???Exploration of Hiptage (Malpighiaceae) diversity in Vietnam reveals a new species with wingless fruits. PhytoKeys, 256, 221.

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.

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.

Koo KA, et al. (2025) A Dark Future of Endangered Mountain Species, *Parnassius bremeri*, Under Climate Change. Ecology and evolution, 15(4), e71178.

Khoshnamvand H, et al. (2025) Integrating climate scenarios and advanced modeling to predict freshwater fish invasions: insights from *Carassius* species in Iran. Scientific reports, 15(1), 38025.

Zhang L, et al. (2025) Identifying Drivers Affecting the Spatial Distribution of Suitable Habitat for the Pine Wood Nematode (*Bursaphelenchus xylophilus*) in China: Insights From Ensemble Model and Geographical Detector. Ecology and evolution, 15(5), e71433.

Hu C, et al. (2025) Evaluating Habitat Suitability for the Endangered *Sinojackia xylocarpa* (Styracaceae) in China Under Climate Change Based on Ensemble Modeling and Gap Analysis. Biology, 14(3).

Xu J, et al. (2025) Future geographical distribution of *Aedes albopictus* in China under climate change scenarios. PloS one, 20(8), e0327818.

Passos I, et al. (2025) Tracking submediterranean ecotone shifts under climate change scenarios using marcescent oaks as indicators. Scientific reports, 15(1), 39201.

Salles T, et al. (2025) Carbonate burial regimes, the Meso-Cenozoic climate, and nannoplankton expansion. Proceedings of the National Academy of Sciences of the United States of America, 122(49), e2516468122.

Teillet C, et al. (2025) Characterizing urban landscapes using very-high resolution satellite imagery to predict *Ae. albopictus* larval presence probability in public spaces. PloS one, 20(11), e0335794.

Duan D, et al. (2025) Linking species distribution and chemistry to support the management of *Saposhnikovia divaricata* under global change. *Scientific reports*, 15(1), 25026.

Kang Y, et al. (2025) Projected distribution patterns of *Alpinia officinarum* in China under future climate scenarios: insights from optimized Maxent and Biomod2 models. *Frontiers in plant science*, 16, 1517060.

Poongavanan J, et al. (2025) Spatiotemporal disease suitability prediction for Oropouche virus and the role of vectors across the Americas. *medRxiv : the preprint server for health sciences*.

Zhou J, et al. (2025) Predicting high-quality ecologically suitable areas of *Astragalus mongholicus* Bunge based on secondary metabolites content using Biomod2 model. *Scientific reports*, 15(1), 1373.

Duquesne E, et al. (2025) Climate change redefines sea turtle hotspots: Vessel strike risks and gaps in protected areas. *Science advances*, 11(26), eadw4495.

BakhshiGanje M, et al. (2024) Potential distribution of *Biscogniauxia mediterranea* and *Obolarina persica* causal agents of oak charcoal disease in Iran's Zagros forests. *Scientific reports*, 14(1), 7784.

Huang Y, et al. (2024) Analysis of the Distribution Pattern of *Phenacoccus manihoti* in China under Climate Change Based on the Biomod2 Model. *Biology*, 13(7).

Selvaraj JJ, et al. (2024) Impact of climate change on Colombian Pacific coast mangrove bivalves distribution. *iScience*, 27(8), 110473.