Resource Summary Report

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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 application, data processing software, software resource

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

Funding:

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: 20250508T065823+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

Source: SciCrunch Registry

Usage and Citation Metrics

We found 39 mentions in open access literature.

Listed below are recent publications. The full list is available at dkNET.

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.

Li C, et al. (2024) Comparative Study of Potential Habitats for Two Endemic Grassland Caterpillars on the Qinghai-Tibet Plateau Based on BIOMOD2 and Land Use Data. Insects, 15(10).

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.

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

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).

González R, et al. (2024) High vulnerability of the endemic Southern Ocean snail Neobuccinum eatoni (Buccinidae) to critical projected oceanographic changes. Scientific reports, 14(1), 29095.

Li X, et al. (2024) Simulation of Pseudostellaria heterophylla distribution in China: assessing habitat suitability and bioactive component abundance under future climate change scenariosplant components. Frontiers in plant science, 15, 1498229.

Liu T, et al. (2024) Assessment of Climate Change Impacts on the Distribution of Endangered and Endemic Changnienia amoena (Orchidaceae) Using Ensemble Modeling and Gap Analysis in China. Ecology and evolution, 14(11), e70636.

Zhang C, et al. (2024) Identification of potential suitable areas and conservation priority areas for representative wild animals in the Greater and Lesser Khingan Mountains. Ecology

and evolution, 14(6), e11600.

Liu W, et al. (2024) Field survey data for conservation: Evaluating suitable habitat of Chinese pangolin at the county-level in eastern China (2000-2040). Ecology and evolution, 14(6), e11512.

Li J, et al. (2024) Functional characteristics and habitat suitability of threatened birds in northeastern China. Ecology and evolution, 14(6), e11550.

Argaw HT, et al. (2024) Habitat suitability and distribution patterns of Rouget's rail (Rougetius rougetii Guérin-méneville, 1843) in Ethiopia. Ecology and evolution, 14(9), e70276.

Wang Y, et al. (2024) The influence of climate change on the potential distribution of Ageratum conyzoides in China. Ecology and evolution, 14(10), e11513.

Zhang W, et al. (2024) Analyzing the distribution patterns and dynamic niche of Magnolia grandiflora L. in the United States and China in response to climate change. Frontiers in plant science, 15, 1440610.

Cai H, et al. (2024) Predicting the Potential Distribution of Rare and Endangered Emmenopterys henryi in China Under Climate Change. Ecology and evolution, 14(10), e70403.

Zhang Y, et al. (2024) Estimating global geographical distribution and ecological niche dynamics of Ammannia coccinea under climate change based on Biomod2. Scientific reports, 14(1), 30579.

Xiao K, et al. (2024) Projecting the Potential Global Distribution of Sweetgum Inscriber, Acanthotomicus suncei (Coleoptera: Curculionidae: Scolytinae) Concerning the Host Liquidambar styraciflua Under Climate Change Scenarios. Insects, 15(11).

Yang M, et al. (2023) Reconstructed Global Invasion and Spatio-Temporal Distribution Pattern Dynamics of Sorghum halepense under Climate and Land-Use Change. Plants (Basel, Switzerland), 12(17).

Guo L, et al. (2023) Modeling for Predicting the Potential Geographical Distribution of Three Ephedra Herbs in China. Plants (Basel, Switzerland), 12(4).

Gippet JMW, et al. (2023) The global risk of infectious disease emergence from giant land snail invasion and pet trade. Parasites & vectors, 16(1), 363.