Resource Summary Report

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VectorMap

RRID:SCR_016721
Type: Tool

Proper Citation

VectorMap (RRID:SCR_016721)

Resource Information

URL: http://vectormap.si.edu/

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Description: Collection of disease maps, and mapped collection data and distribution models for arthropod disease vector species, including mosquitoes, ticks, sand flies, mites, and fleas, as well as the hosts/reservoirs of vector-borne disease pathogens. VectorMap is modeled after MosquitoMap.

Resource Type: data access protocol, data or information resource, data repository, database, portal, service resource, software resource, storage service resource, web service

Keywords: disease, map, collection, data, distribution, model, arthropod, disease, vector, species

Related Condition: arthropod disease

Funding: Division of the Armed Forces Health Surveillance Center ;
Global Biodiversity Information System ;
US Department of Defense Global Emerging Infections Surveillance and Response System

Availability: Public, Free, Available for download, Freely available, Acknowledgement requested, Tutorial available

Resource Name: VectorMap

Resource ID: SCR_016721

Record Creation Time: 20220129T080332+0000

Record Last Update: 20260905T132813+0000

Ratings and Alerts

No rating or validation information has been found for VectorMap.

No alerts have been found for VectorMap.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 28 mentions in open access literature.

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

Estrada-Pe??a A, et al. (2026) Scientist's Opinion on Climate Change and Hard Ticks (Ixodidae). Pathogens (Basel, Switzerland), 15(2).

Gabriel ANA, et al. (2025) Geospatial and modelling analyses reveal diverse tick and tick-associated microbes in the East African Community. Infectious diseases of poverty, 14(1), 39.

Okely M, et al. (2025) Climate change influences on the potential geographic distribution of the invasive Asian longhorned tick, Haemaphysalis longicornis. Scientific reports, 15(1), 2266.

Muchiri SK, et al. (2025) Predicting the ecological niches of Aedes aegypti s.l. using maximum entropy in Kenya. Frontiers in tropical diseases, 6.

Kelly PH, et al. (2025) Variables for habitat and vertebrate hosts of Ixodes scapularis are the best ecological predictors of the spatial spread of Lyme disease in the United States (2010-2019). Parasites & vectors, 18(1), 410.

Saarman N, et al. (2025) Range expansion of Culex quinquefasciatus and Culex pipiens hybrids across mid-latitudes of North America. One health (Amsterdam, Netherlands), 21, 101205.

Hong XG, et al. (2024) Epidemiology and Ecology of Toscana Virus Infection and Its Global Risk Distribution. Viruses, 17(1).

Chen J, et al. (2024) Epidemiology and Ecology of Usutu Virus Infection and Its Global Risk Distribution. Viruses, 16(10).

Tang T, et al. (2024) The global distribution and the risk prediction of relapsing fever group Borrelia: a data review with modelling analysis. The Lancet. Microbe, 5(5), e442.

Kopsco HL, et al. (2023) Current and Future Habitat Suitability Models for Four Ticks of Medical Concern in Illinois, USA. Insects, 14(3).

Nie P, et al. (2023) Niche and Range Shifts of Aedes aegypti and Ae. albopictus Suggest That the Latecomer Shows a Greater Invasiveness. Insects, 14(10).

Lippi CA, et al. (2023) Characterizing the Vector Data Ecosystem. Journal of medical entomology, 60(2), 247.

Polsomboon Nelson S, et al. (2022) Ticks (Acari: Ixodidae) and Associated Pathoge Collected From Domestic Animals and Vegetation in Stann Creek District, Southeastern Belize, Central America. Journal of medical entomology, 59(5), 1749.

Martin JT, et al. (2022) Ecological Predictors of Zoonotic Vector Status Among Dermacentor Ticks (Acari: Ixodidae): A Trait-Based Approach. Journal of medical entomology, 59(6), 2158.

Alkishe A, et al. (2022) Climate change influences on the geographic distributional potential of the spotted fever vectors Amblyomma maculatum and Dermacentor andersoni. PeerJ, 10, e13279.

Celone M, et al. (2022) An ecological niche model to predict the geographic distribution of Haemagogus janthinomys, Dyar, 1921 a yellow fever and Mayaro virus vector, in South America. PLoS neglected tropical diseases, 16(7), e0010564.

Salje J, et al. (2021) Rickettsial infections: A blind spot in our view of neglected tropical diseases. PLoS neglected tropical diseases, 15(5), e0009353.

Gorris ME, et al. (2021) Updated distribution maps of predominant Culex mosquitoes across the Americas. Parasites & vectors, 14(1), 547.

Fotakis EA, et al. (2021) VectorMap-GR: A local scale operational management tool for entomological monitoring, to support vector control activities in Greece and the Mediterranean Basin. Current research in parasitology & vector-borne diseases, 1, 100053.

Alkishe A, et al. (2021) Likely Geographic Distributional Shifts among Medically Important Tick Species and Tick-Associated Diseases under Climate Change in North America: A Review. Insects, 12(3).