

Resource Summary Report

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GeoPandas

RRID:SCR_028590

Type: Tool

Proper Citation

GeoPandas (RRID:SCR_028590)

Resource Information

URL: <https://geopandas.org/en/stable/>

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Description: Software open-source Python library that makes it easy to work with geospatial data. It extends the popular data analysis library, Pandas, by allowing you to perform spatial operations on geometric shapes like points, lines, and polygons.

Resource Type: software toolkit, software resource, software library

Keywords: Python, geographic data, perform spatial operations on geometric shapes,

Availability: Free, Available for download, Freely available

Resource Name: GeoPandas

Resource ID: SCR_028590

Alternate URLs: <https://github.com/geopandas/geopandas>

License: BSD-3-Clause license

Record Creation Time: 20260623T043844+0000

Record Last Update: 20260815T183317+0000

Ratings and Alerts

No rating or validation information has been found for GeoPandas.

No alerts have been found for GeoPandas.

Data and Source Information

Usage and Citation Metrics

We found 18 mentions in open access literature.

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

Jentsch M, et al. (2026) CLUES A Comprehensive Workflow for Integrating Geospatial Data in Biomedical Research. Nature communications, 17(1).

Sani J, et al. (2026) Sociodemographic determinants of contraceptive intention among young adult women (15-24) in Nigeria: the role of age at first sex and region of residence. Contraception and reproductive medicine, 11(1).

Bernardin ME, et al. (2026) Child Opportunity Index Levels and Disparities in Access to Pediatric-ready Emergency Departments. The western journal of emergency medicine, 27(3), 794.

Johansson MHK, et al. (2025) Investigation of mobile genetic elements and their association with antibiotic resistance genes in clinical pathogens worldwide. PloS one, 20(8), e0330304.

Jaffe AL, et al. (2025) Abundant and metabolically flexible bacterial lineages underlie a vast potential for rubisco-mediated carbon fixation in the dark ocean. Genome biology, 26(1), 167.

Garibay-Rodriguez J, et al. (2025) Effects of uncoordinated electrification on energy burdens for natural gas customers. Scientific reports, 15(1), 27337.

van Eijs MJM, et al. (2025) Blood and tissue correlates of steroid non-response in checkpoint inhibition-induced immune-related adverse events. Communications medicine, 5(1), 472.

Zhao X, et al. (2025) A global urban road network self-adaptive simplification workflow from traffic to spatial representation. Scientific data, 12(1), 883.

George CM, et al. (2025) Epidemiologic and Genomic Surveillance of Vibrio cholerae and Effectiveness of Single-Dose Oral Cholera Vaccine, Democratic Republic of the Congo. Emerging infectious diseases, 31(2), 288.

Sarkar SS, et al. (2025) A deep learning based framework for enhanced reference evapotranspiration estimation: evaluating accuracy and forecasting strategies. Scientific reports, 15(1), 15136.

Romano D, et al. (2024) Insights from Explainable Artificial Intelligence of Pollution and Socioeconomic Influences for Respiratory Cancer Mortality in Italy. Journal of personalized medicine, 14(4).

Wn??trzak I, et al. (2024) Epidemiology of penile cancer in Poland compared to other European countries. Cancer medicine, 13(16), e70092.

Butt EW, et al. (2023) Amazon deforestation causes strong regional warming. *Proceedings of the National Academy of Sciences of the United States of America*, 120(45), e2309123120.

Foini P, et al. (2023) On the forecastability of food insecurity. *Scientific reports*, 13(1), 2793.

Jarrige D, et al. (2022) High-quality genome of the basidiomycete yeast *Dioszegia hungarica* PDD-24b-2 isolated from cloud water. *G3 (Bethesda, Md.)*, 12(12).

de Carvalho VDH, et al. (2022) The COVID-19 Infodemic on Twitter: A Space and Time Topic Analysis of the Brazilian Immunization Program and Public Trust. *Tropical medicine and infectious disease*, 7(12).

Wu EL, et al. (2022) Disparities in COVID-19 Monoclonal Antibody Delivery: a Retrospective Cohort Study. *Journal of general internal medicine*, 37(10), 2505.

Park Y, et al. (2021) Differences in Park Walking, Comparing the Physically Inactive and Active Groups: Data from mHealth Monitoring System in Seoul. *International journal of environmental research and public health*, 19(1).