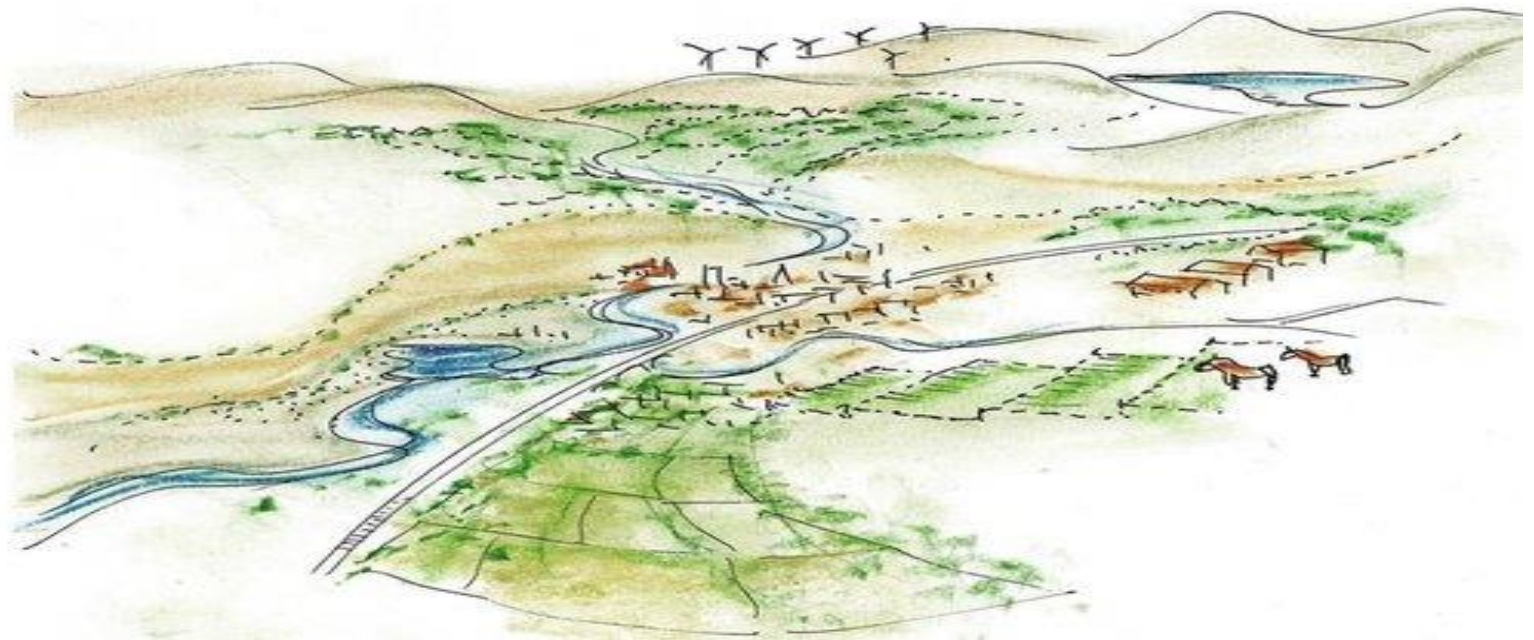




THE INVESTIGATIVE TRENDS ON PERI-URBAN AREA VIEWED GEOGRAPHIC PERSPECTIVE AND ISSUE: A BIBLIOMETRIC STUDY

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INTRODUCTION

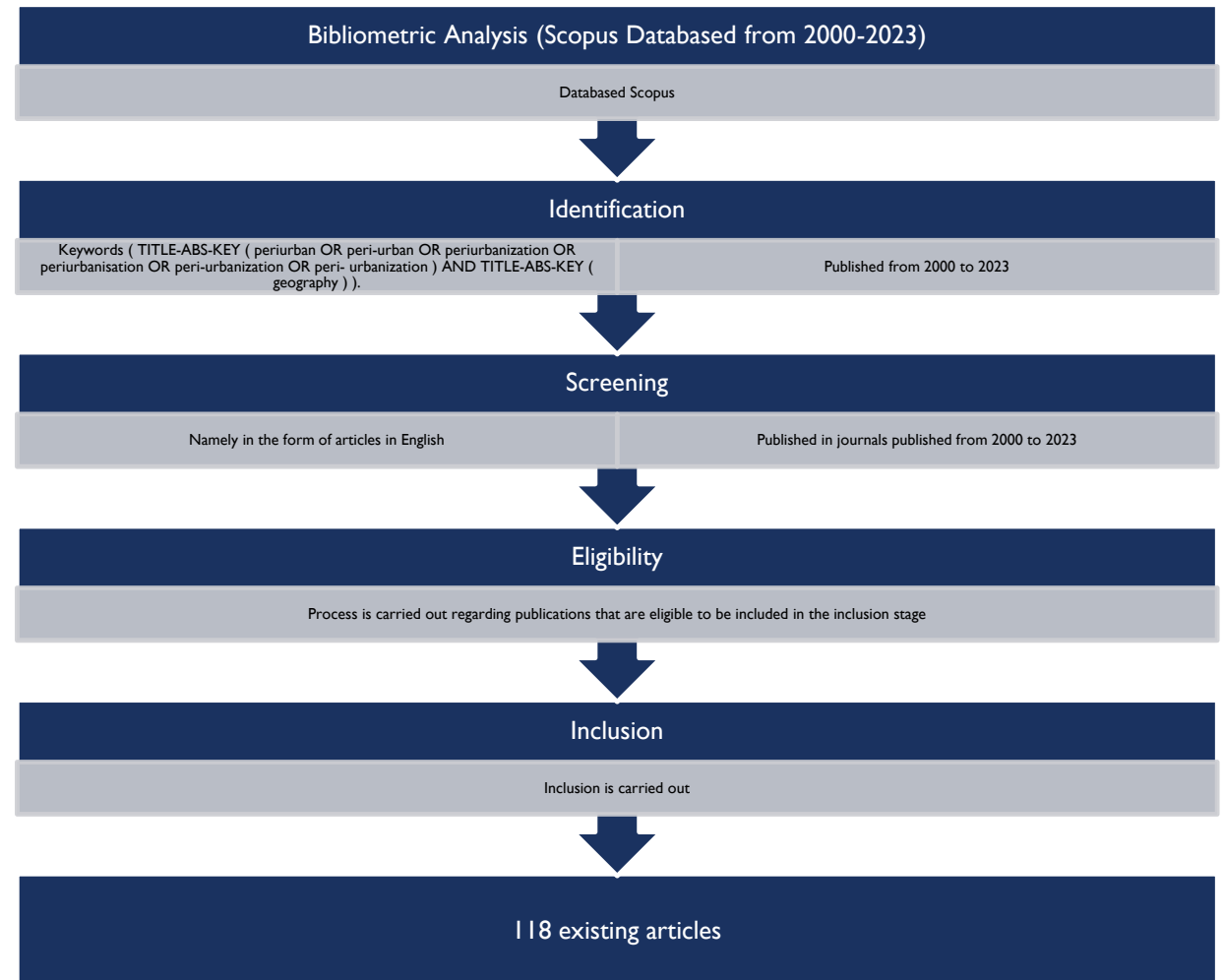
- Peri-urban areas are transitional regions between urban and rural areas, characterized by rapid changes in land use and regional differences.
- The study of peri-urban areas involves spatial analyses and socio-cultural analyses to understand local social constructs.
- Periurban dynamics involve rapid urban growth, land use transformation, and development of transport infrastructure.
- Geographic research has been conducted on suburban areas to understand their distinctive characteristics, dynamics, and instability. Understanding the spatial recognition, type identification, and driving mechanisms of peri-urban areas is crucial for effective policy-making and decision-making in these regions.

The aims of this article are:

- a. What are the research publication trends in peri-urban geographic perspectives and issues?
- b. What are the research citation metric and most cited research in peri-urban geographic perspectives and issues?
- c. What is the geographical distribution of publications and cooperation patterns between countries from peri-urban geographic perspectives and issues?
- d. What is the form of a document research area in peri-urban geographic perspectives and issues?
- e. What is the focus of research on peri-urban geographic perspectives and issues?

METHOD

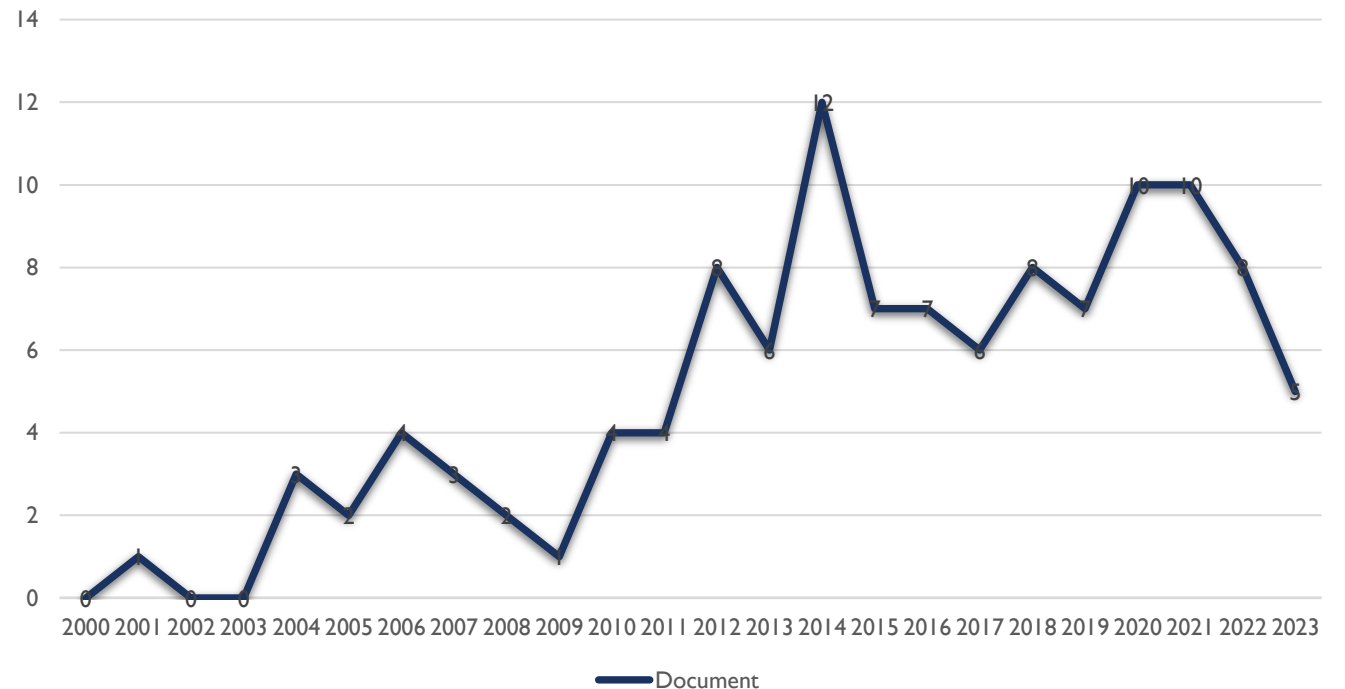
- The method used is bibliometric analysis sourced from the Scopus database from 2000 to 2023 and carried out through identification, filtering, eligibility, and inclusion



RESULT AND DISCUSSION

RESEARCH PUBLICATION TRENDS IN PERI-URBAN GEOGRAPHIC PERSPECTIVES AND ISSUES

- In 2014 there were 12 articles published, this is the highest number of publications compared to other years. If you look at the trend line, it can be seen that there is an increase every year, even though the number of publications from 2000 to 2003 is not that many articles published. A rapid increase in numbers can be seen from 2010 with 4 articles published to 2014 with 12 articles published. And there has been a decrease from 2015 with 7 publications to 2023 with 5 articles published



RESEARCH CITATION METRIC AND MOST CITED IN PERI-URBAN GEOGRAPHIC PERSPECTIVES AND ISSUES

- The number of citations is 3456 in the form of Cites/year as many as 157.45, Cites/paper as many as 29.36 and Cites/author as many as 955.64. For Papers/author it was 44.42 and Author/papers it was 4.31. And the h-index value is 33, g-index is 55, hI, norm is 16, hI, annual is 0.73 and hA index is 10.

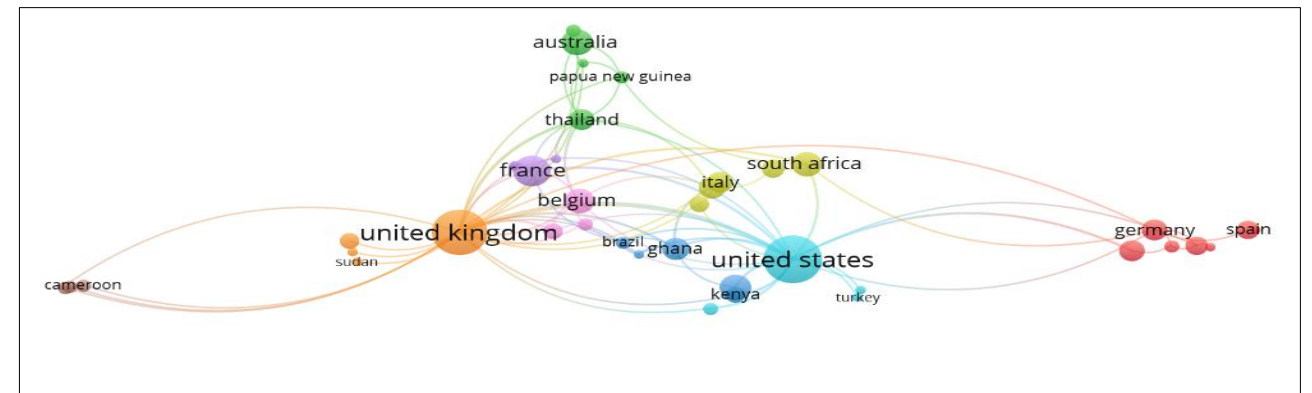
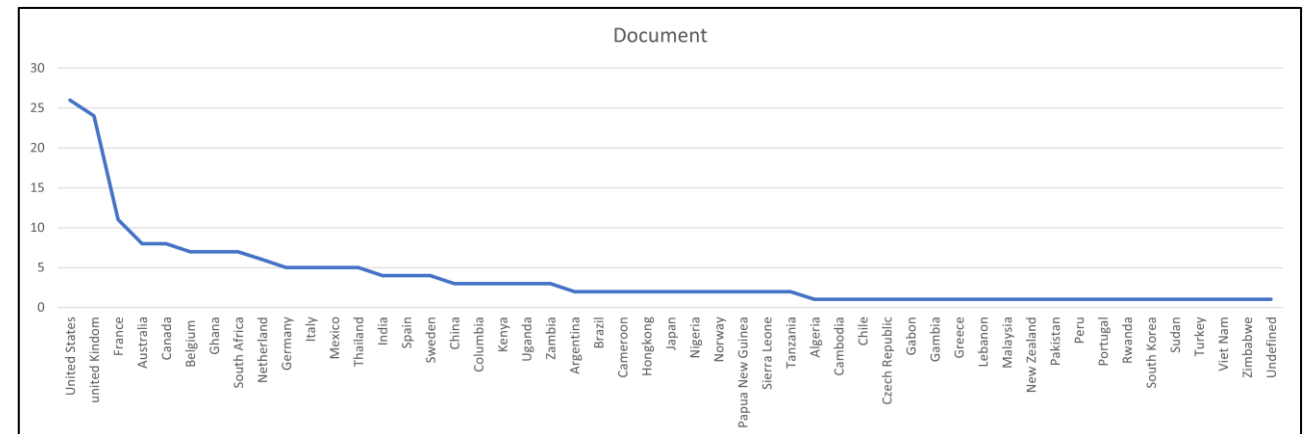
Title	Citation Metric	Result
Peri-Urban Areas In Geographic Perspective And Issues	Publication years	2000-2023
	Citation years	22 (2000-2023)
	Papers	118
	Citations	3464
	Cites/year	157.45
	Cites/paper	29.36
	Cites/author	955.64
	Papers/author	44.42
	Author/papers	4.31
	h-index	33
	g-index	55
	hI,norm	16
	hI,annual	0.73
hA index	10	

Author and Year of Publication	Year	Title	Sources	Citation
Sorensen et al.,	2015	Emerging contaminants in urban groundwater sources in Africa	Water Research	227
Tanser et al.,	2006	Modelling and understanding primary health care accessibility and utilization in rural South Africa: An exploration using a geographical information system	Social Science and Medicine	218
Okello et al.,	2006	Variation in malaria transmission intensity in seven sites throughout Uganda	American Journal of Tropical Medicine and Hygiene	216
Schmidt et al.,	2011	Population density, water supply, and the risk of dengue fever in vietnam: Cohort study and spatial analysis	PLoS Medicine	171
Kamya et al.,	2015	Malaria transmission, infection, and disease at three sites with varied transmission intensity in Uganda: Implications for malaria control	American Journal of Tropical Medicine and Hygiene	124

- The most citations, with 227, the lowest from with 124 citations

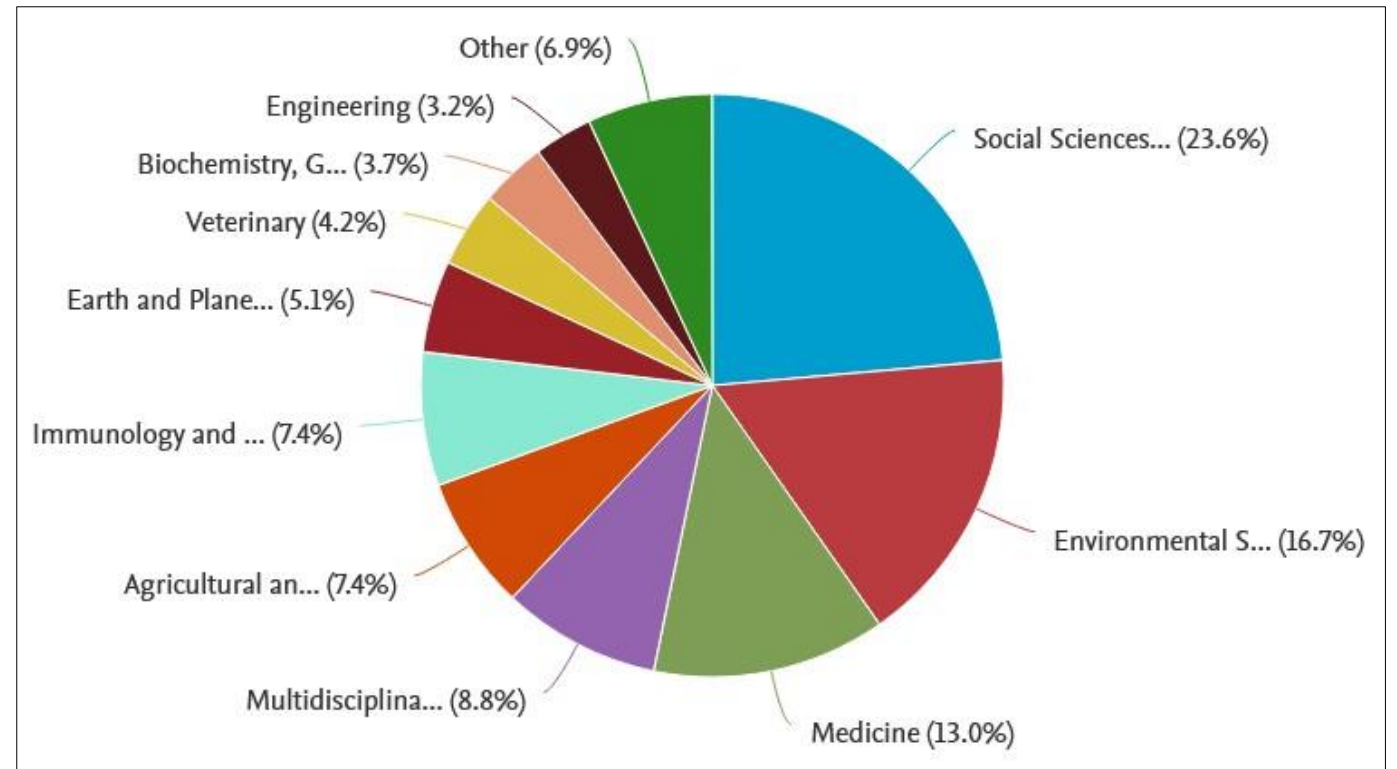
GEOGRAPHICAL DISTRIBUTION OF PUBLICATIONS AND PATTERNS OF COOPERATION BETWEEN COUNTRIES ON PERI-URBAN RESEARCH IN THE GEOGRAPHY OF PERSPECTIVES AND ISSUES

- The 10 countries that publish the most include the United States, United Kingdom, France, Australia, Canada, Belgium, Ghana, South Africa, Netherland and Germany.
- From here, we found 2 large circular shapes, namely the United States in cluster 6 which has cooperative relations with 20 other countries, and the United Kingdom in Cluster 7, which has cooperative relations with 26 other countries. Meanwhile, the medium-sized circles in France and Australia only have 5 to 8 connections between countries



DOCUMENT RESEARCH AREA AND RESEARCH FOCUS ON PERI-URBAN GEOGRAPHY IN PERSPECTIVES AND ISSUES

- Most often as documents research area, they are in the fields of social science, environmental science, and medicine



CONCLUSION

- Peri-urban areas are dynamic, strategic locations with distinct social, economic, environmental, and spatial dimensions.
- They challenge traditional notions of country and city, requiring interdisciplinary approaches to identify and divide these zones.
- Geospatial technologies can help suggest sustainable development methods, but there is no widely accepted process.
- Peri-urban landscapes involve global issues like economic expansion, land use changes, public service delivery, environmental preservation, urban planning, and social justice.



THANK YOU

The 6th International Geography Seminar
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