



Territorial Planning  
and Management  
Graduate Program



# Qualitative Methods for Research in Planning **Bibliographic and documental research**

PGT-605 - Methods and techniques in territorial planning and management

PhD Beatriz Milz  
2024



UNIVERSIDADE  
DE SÃO PAULO

2012-2015

Bachelor in Environmental  
Management



UNIVERSIDADE  
DE SÃO PAULO

2019-2024

PhD in Environmental  
Sciences

2012

→2024

2016-2018

Master in Environmental  
Analysis



1933



UFABC

2024

Post-doc

# Introduction

# What is a literature review?

*"A literature review discusses published information in a particular subject area [...]"*

The writing center - [The University of North Carolina at Chapel Hill](#)

*"The focus of a literature review is to **summarize and synthesize** the arguments and ideas of others without adding new contributions."*

The writing center - [The University of North Carolina at Chapel Hill](#)

# Main goals

- *Summarise and analyze previous research and theories;*  
What do we already know about this topic?
- *Identify areas of controversy and contested claims;*  
What other researchers agree with? What is a  
consensus?
- *Highlight any gaps that may exist in research to date.*  
How can we contribute with this research field?

# Different goals to different reports

- Chapter of a project, dissertation, thesis
- Article

# **Types of literature review**

# Types of literature review \*

\* There are many types, here we listed some of them

- **Narrative review** - identify a few studies that describe a problem of interest; no specified search strategy
- **Systematic review** - use rigorous search strategies to select all the relevant literature, and then evaluate critically/compare the content of the publications
- **Bibliometric** - use quantitative methods to analyse patterns in publication; the focus is not the content of the publications

**Attention:** there are reviews that uses a combination of those aspects.



Available online at [www.sciencedirect.com](http://www.sciencedirect.com)



Landscape and Urban Planning 81 (2007) 1–13

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LANDSCAPE  
AND  
URBAN PLANNING

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This article is also available online at:  
[www.elsevier.com/locate/landurbplan](http://www.elsevier.com/locate/landurbplan)

## Review

# Open space planning models: A review of approaches and methods

Tseira Maruani\*, Irit Amit-Cohen

*Department of Geography and Environment, Bar Ilan University, Ramat-Gan 32900, Israel*

Received 23 June 2006; received in revised form 4 December 2006; accepted 1 January 2007

Available online 20 February 2007

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## Abstract

Land use planning systems, worldwide and in Israel, are now taking into account environmental, social, economic and cultural developments. These systems are intended to solve issues related to the conflict between developmental requirements and the need to preserve cultural and natural resources. The importance of open spaces is increasingly recognized when addressing these issues, while their special characteristics affect planning decisions. These characteristics led over the years to the emergence of various approaches and planning methods, guided by essentially different concepts of open space priority functions. The purpose of this article is to review commonly used models of open space planning and their guiding principles, point out some of their merits and limitations as planning tools, and organize these in a comparative classification framework according to their potential use as a response to the demands for open space and conservation of existing natural values.

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**Keywords:** Land use planning; Open space conservation; Open space models; Land use policy; Environmental planning

**Under review:**

A Systematic Review of The Literature on Climate Justice: A Comparison Between The Global North and South  
Marcos Tavares de Arruda Filho; Pedro Henrique Campello Torres; Pedro Roberto Jacobi

**Abstract:** This study analyzes the characteristics of publications on climate justice on a global scale and between countries in the North and South, using the guidelines of the PRISMA model. 826 relevant papers were identified in five databases, with 717 from the global North and 109 from the South. There is a concentration of work in the countries of the Global North. The social and economic disparities between countries in the North and South are reflected in the distribution of publications. The focus of climate justice research in the countries that make up the Global South is mainly on the socio-environmental context and the social vulnerability of the population; in this group, it is the first time that this theme has been expressed in the analysis.

**Keywords:** climate change, climate emergency, bibliometrics, database search, climate policy.



Contents lists available at [ScienceDirect](#)

# Environmental Science and Policy

journal homepage: [www.elsevier.com/locate/envsci](http://www.elsevier.com/locate/envsci)



## Review

### Practical applications of ecosystem services in spatial planning: Lessons learned from a systematic literature review



Davide Longato <sup>a</sup>, Chiara Cortinovis <sup>b</sup>, Christian Albert <sup>c</sup>, Davide Geneletti <sup>a,\*</sup>

<sup>a</sup> Department of Civil, Environmental, and Mechanical Engineering, University of Trento, Via Mesiano 77, 38123, Trento, Italy

<sup>b</sup> Centre for Environmental and Climate Science, Lund University, The Ecology Building, Sölvegatan 37, 223 62, Lund, Sweden

<sup>c</sup> Institute of Geography, Ruhr-University Bochum, Universitätsstraße 150, 44801 Bochum, Germany

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#### ARTICLE INFO

**Keywords:**

Ecosystem service integration  
Land use planning  
Planning process  
Planning instrument  
Science-policy interface

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#### ABSTRACT

The integration of ecosystem service (ES) knowledge into decision-making processes is increasingly endorsed by various policies and initiatives, with spatial planning targeted as one of the most relevant fields. Learning and feeding back from existing experiences is therefore a fundamental step to ensure appropriate and useful support by ES science. This paper aims to gather and critically analyse how ES science contributes to spatial planning practices. Through a systematic review of the literature about ES use in spatial planning, we map the level of integration of ES knowledge, the scale of case studies, and the type of planning addressed; and we identify and analyse case studies of real-world applications. Studies explicitly aimed at supporting spatial planning have increased over the last decade, but are still scarce. The real-world case studies reveal advantages of integrating ES knowledge into spatial planning processes, mainly concerning practical aspects such as synthesizing complex socio-environmental information and promoting participation. Windows of opportunity offered by regulatory frameworks and innovative processes and instruments, such as marine spatial plans and strategic environmental assessments, are key factors triggering the integration. However, supportive contextual conditions are necessary, including science-policy collaborations across the entire planning process and environmental awareness among policy-makers and stakeholders.

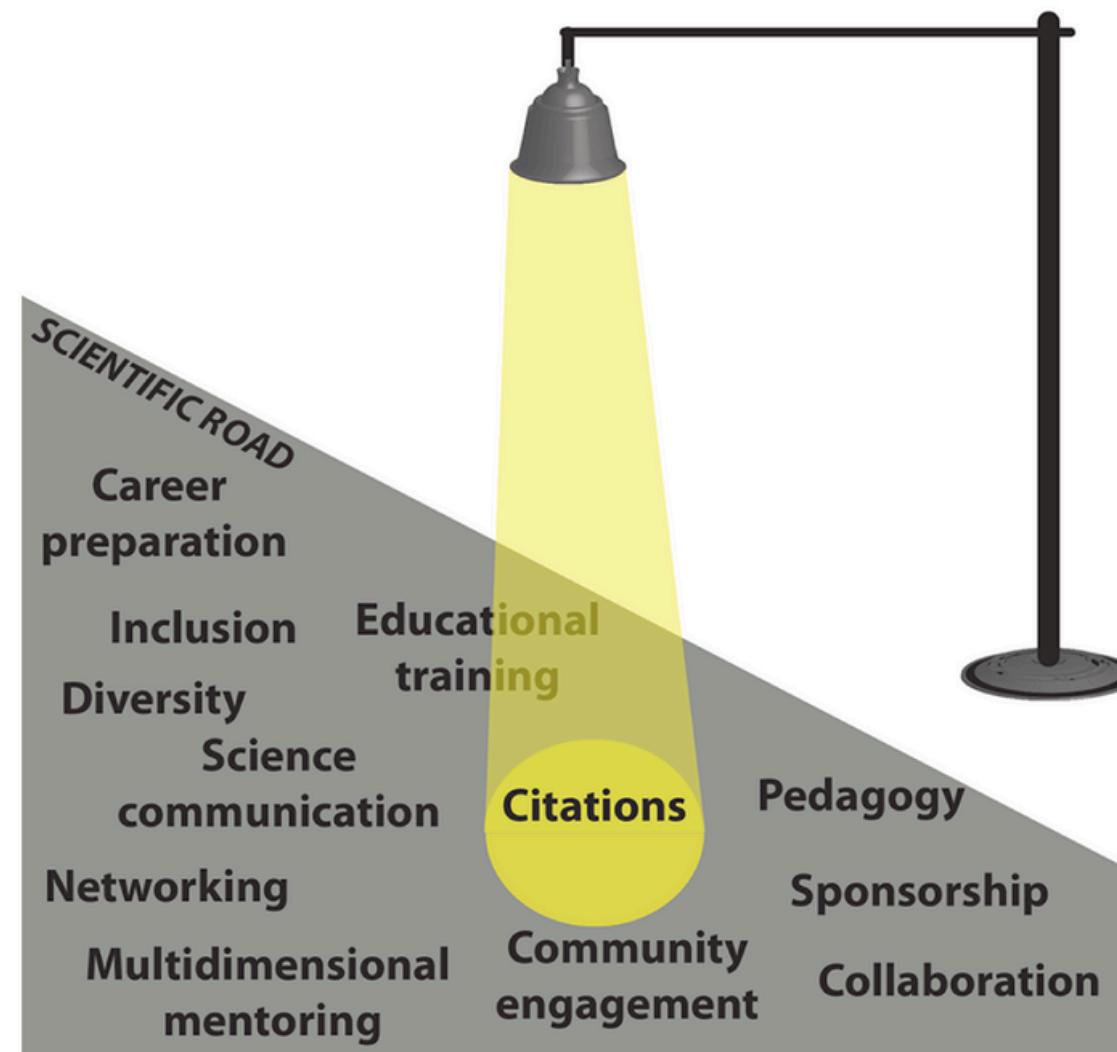
# Bias

# Bias in Science?

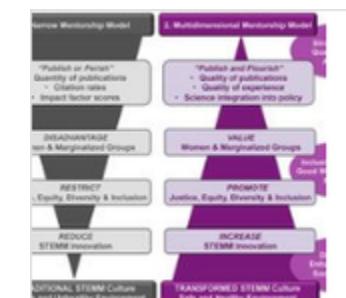
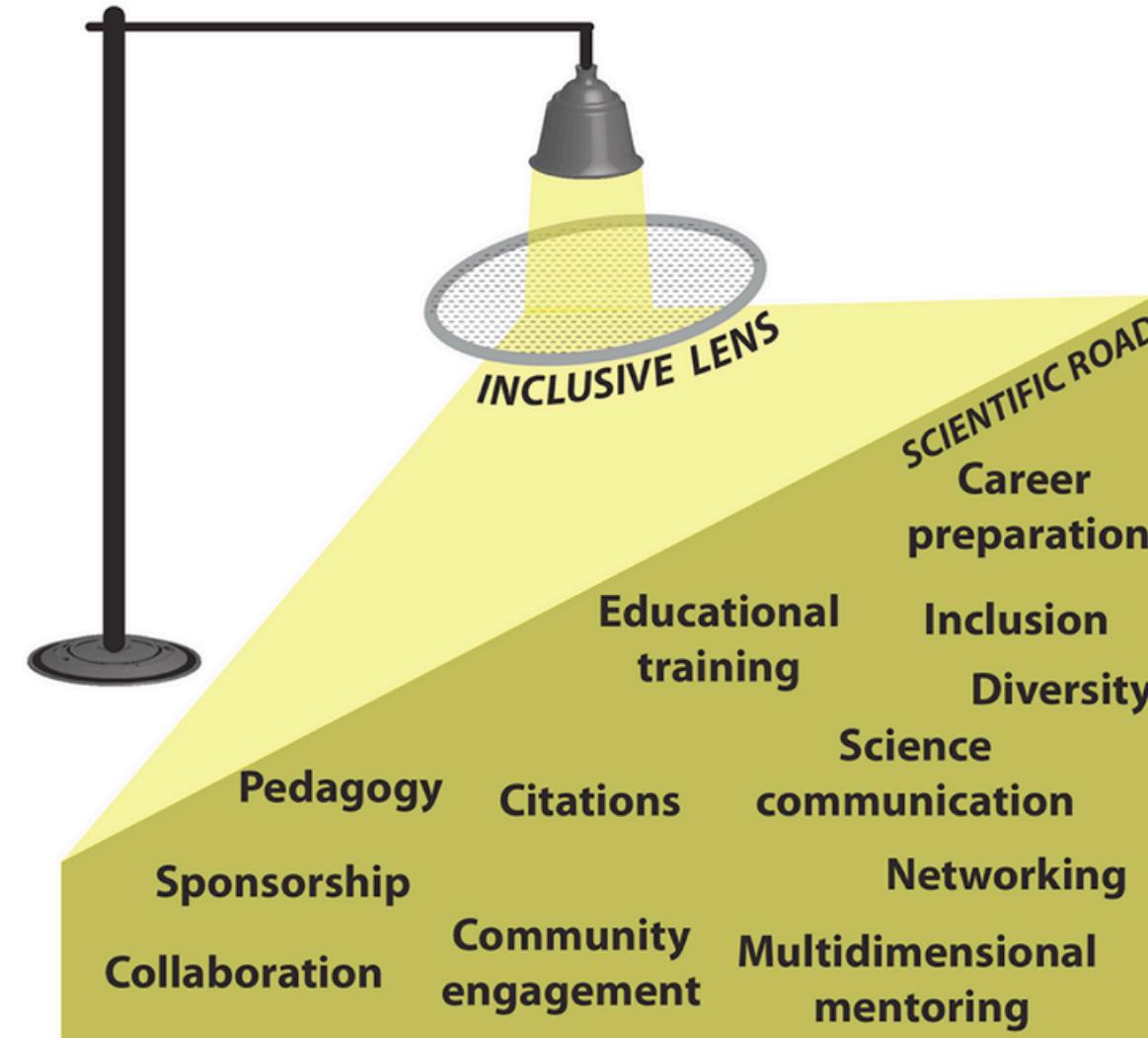
- "In scientific research, a bias is a systematic or methodological error that causes misrepresentation of the study's outcomes." ([DistillerSR](#))
- "To obtain the least biased information, researchers must acknowledge the potential presence of biases and take steps to avoid and minimise their effects. "  
([Catalogue of Bias](#))

# Example

A) Narrow View of Scientific Impact



B) Inclusive View of Scientific Impact



Promoting inclusive metrics of success and impact to dismantle a discriminato...

This Essay argues that success and impact metrics in science are based on a system that perpetuates...

plosbiology

# Catalogue of Bias



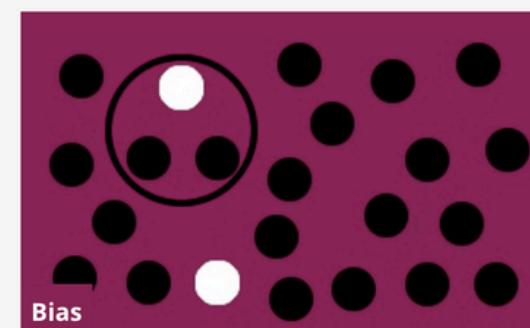
HOME BIASES BLOG CONTACT ABOUT



f  
t  
G+  
in

## Why we are building the Catalogue of Bias

In 1979, Dave Sackett called for the creation of a catalogue with definitions, explanations and examples of biases



Racial bias



Compliance,



Centre for Evidence-

Search the Catalogue



<https://catalogofbias.org>

# Catalogue of Bias

HOME    BIASES    BLOG    CONTACT    ABOUT

## Language bias

Publication of research findings in a particular language.

### Background

The English language has been the predominant language in medical research. Publication in other languages can sometimes be regarded as of secondary importance. Studies publishing positive results might also be more likely to publish in English. Reading and using only English language research could provide a biased assessment of a topic, and can lead to biased results in systematic reviews.

### Example

A [1997 Lancet study](#) looked at the language used to publish the results of randomized controlled trials performed in German-speaking regions of Europe. The authors found that



### Cite as

Catalogue of Bias Collaboration, Brassey J, Spencer EA, Heneghan C. Language bias. In: Catalogue Of Bias 2017: <https://www.catalogueofbias.org/biases/language-bias>

### Table of Contents

- Background
- Example
- Impact

# Catalogue of Bias



HOME   BIASES   BLOG   CONTACT   ABOUT

## All's well literature bias

Occurs when publications omit or play down controversies or disparate results.

### Background

All's well literature bias refers to a situation in which there is a bias to dominant theories that in some way precludes the publication of opposing theories evidence. The mechanism for how this might happen is not clear although it might be imagined that it could take place either subconsciously, or consciously by those who have vested interests in maintaining the currently dominant theory.

### Example

### Cite as

Catalogue of Bias Collaboration. Spencer EA, Heneghan C. **All's well literature bias**. In: Catalogue Of Biases 2018: [www.catalogueofbiases.org/biases/allswellliteraturebias](http://www.catalogueofbiases.org/biases/allswellliteraturebias)

### Table of Contents

- Background
- Example
- Impact

# Catalogue of Bias



CEBM



UNIVERSITY OF  
OXFORD

[HOME](#)   [BIASES](#)   [BLOG](#)   [CONTACT](#)   [ABOUT](#)

## Positive results bias

The tendency to submit, accept and publish positive results rather than non-significant or negative results.

### Background

Positive results bias occurs because a considerable amount of research evidence goes unpublished, which contains more negative or null results than positive ones. This leads to spurious claims and overestimation of the results of systematic reviews and can also be considered unethical. Non-publication of results can also lead to research wastage as researchers may unnecessarily repeat studies because the results are unpublished.

### Example

A review of empirical studies and assessment of 300 systematic review found that trials with positive outcomes are twice as likely to be published, and published faster, compared

### Cite as

Catalogue of Bias Collaboration, Plüddemann A, Banerjee A, O'Sullivan J. **Positive results bias**. In: Catalogue Of Biases 2017. <https://www.catalogueofbiases.org/biases/positive-results-bias>

### Table of Contents

- Background
- Example

# Bias in Systematic Reviews

## Types of Bias

- Publication bias - How similar are results from published versus unpublished studies?

Watch for:

- Incomplete or selective reporting of outcomes
- Arbitrary limits such as language or choice of resources
- Truncation bias - study is published in a briefer form with less details
- Time-lag bias - delayed publication of findings
- Language bias - more likely to be published in English
- Citation Bias - citation/non-citation of research findings
- Selective outcome reporting bias - selective reporting of some outcomes but not others
- Location bias - journals with different ease of access/levels of indexing in standard databases
- Multiple (duplicate) publications
- Database bias - some databases are more likely to index certain languages/journals

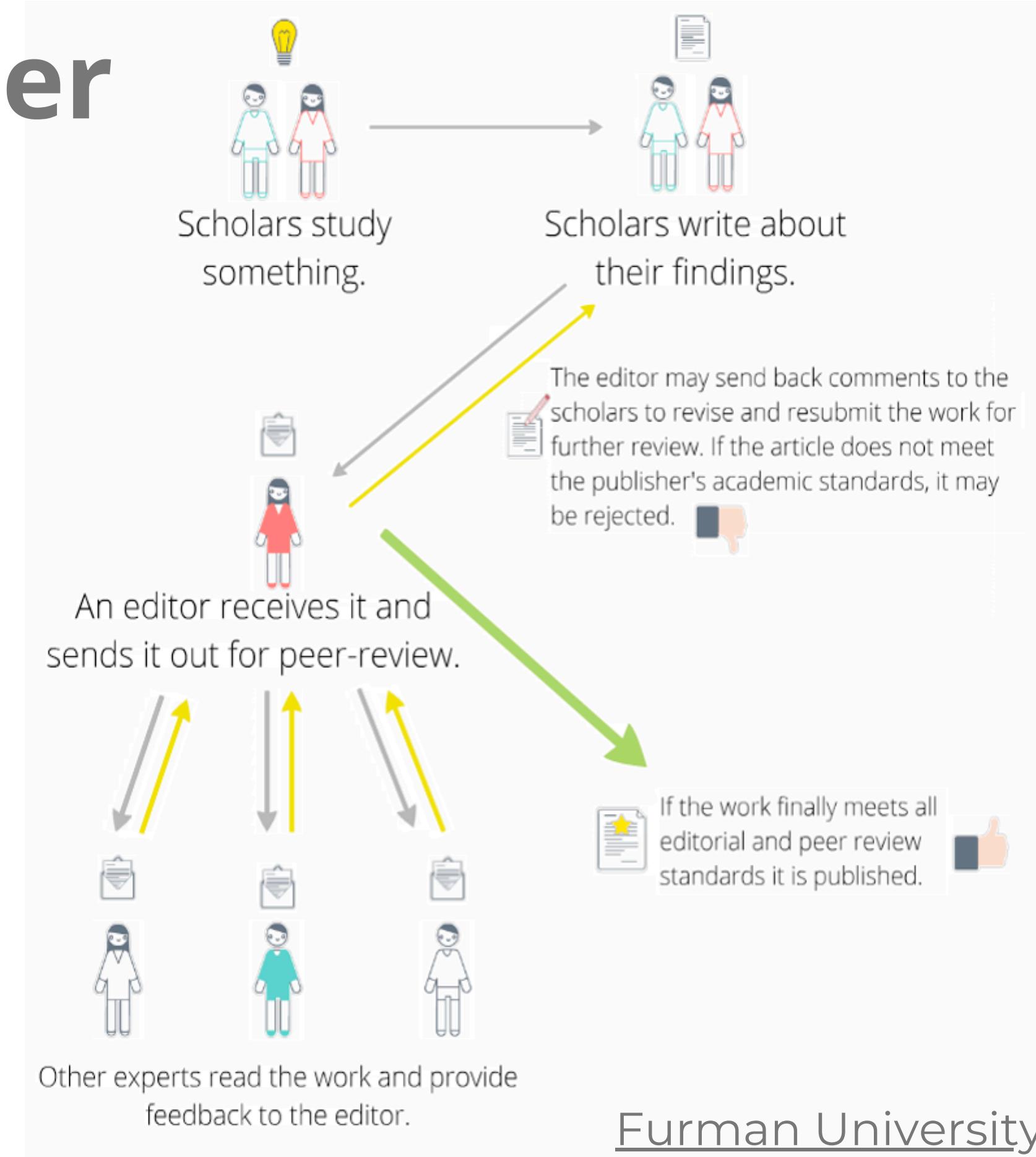
Source: Rothstein, D. H. R., Sutton, D. A. J., & Borenstein, D. M. (2006). Publication Bias in Meta-Analysis.

Publication Bias in Meta-Analysis (pp. 1-7) doi:10.1002/0470870168.ch1

# **Types of sources**

**Peer-reviewed x Gray literature**

# What is peer review?



# Types of sources

## Peer reviewed literature

- Articles

# Types of sources

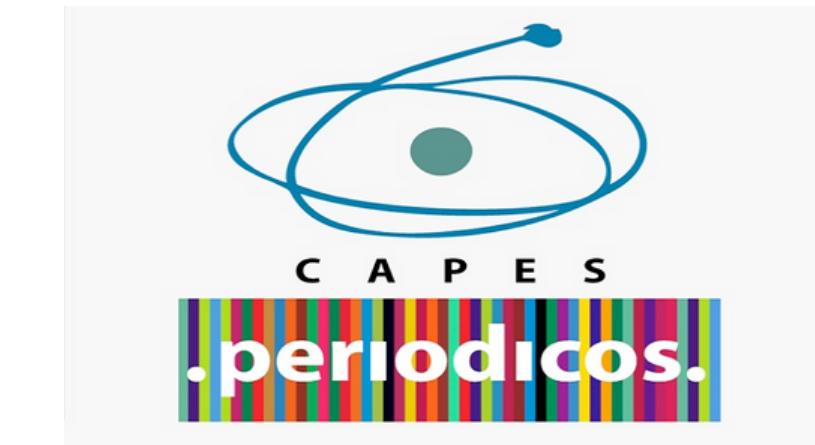
## Gray literature - Not peer reviewed

- Book chapters
- Reports
- Conference Proceedings
- Preprints
- Technical reports
- Thesis/dissertations
- Working papers
- ...

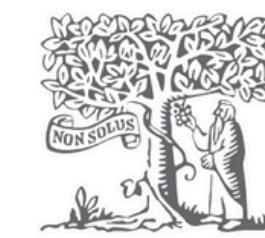
# Databases

- Scopus
- Periódicos CAPES
- Redalyc
- Scielo
- Wiley
- Web of Science
- Google Scholar

...



Google Scholar



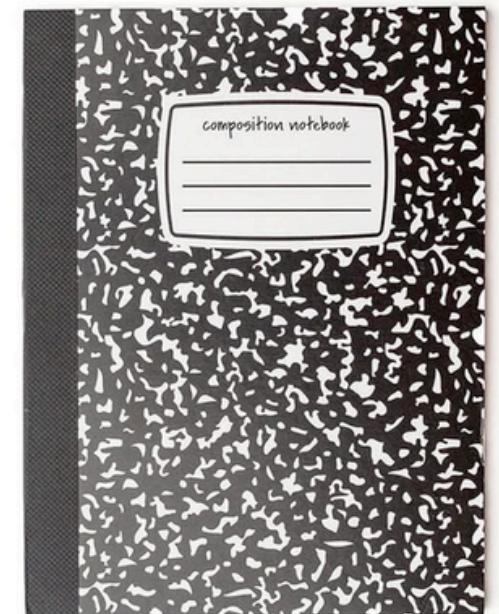
ScienceDirect



ELSEVIER  
Scopus

Clarivate  
Web of Science™

# Research notebook



# Research notebook

- Document **every step** of the process in literature review, ensuring transparency, organization, and consistency.
- It will be useful when **reporting** your findings (eg. writing an article).
- It can be a digital notebook: eg. a Google Docs file.

# Record on your research notebook

## Search strategies:

- What databases were used?
- When the research was conducted? (date)
- What were the terms searched? (descriptors)
- What type of search? Eg. keywords, title,...

# **Record on your research notebook**

## **Document inclusion/exclusion criteria:**

- What was the criteria for including or excluding content from your review?

Eg. "Included only articles published in peer-reviewed journals"

Eg. "Excluded studies that focused on rural areas, included only urban case studies"

# **Record on your research notebook**

## **Progress, reflections:**

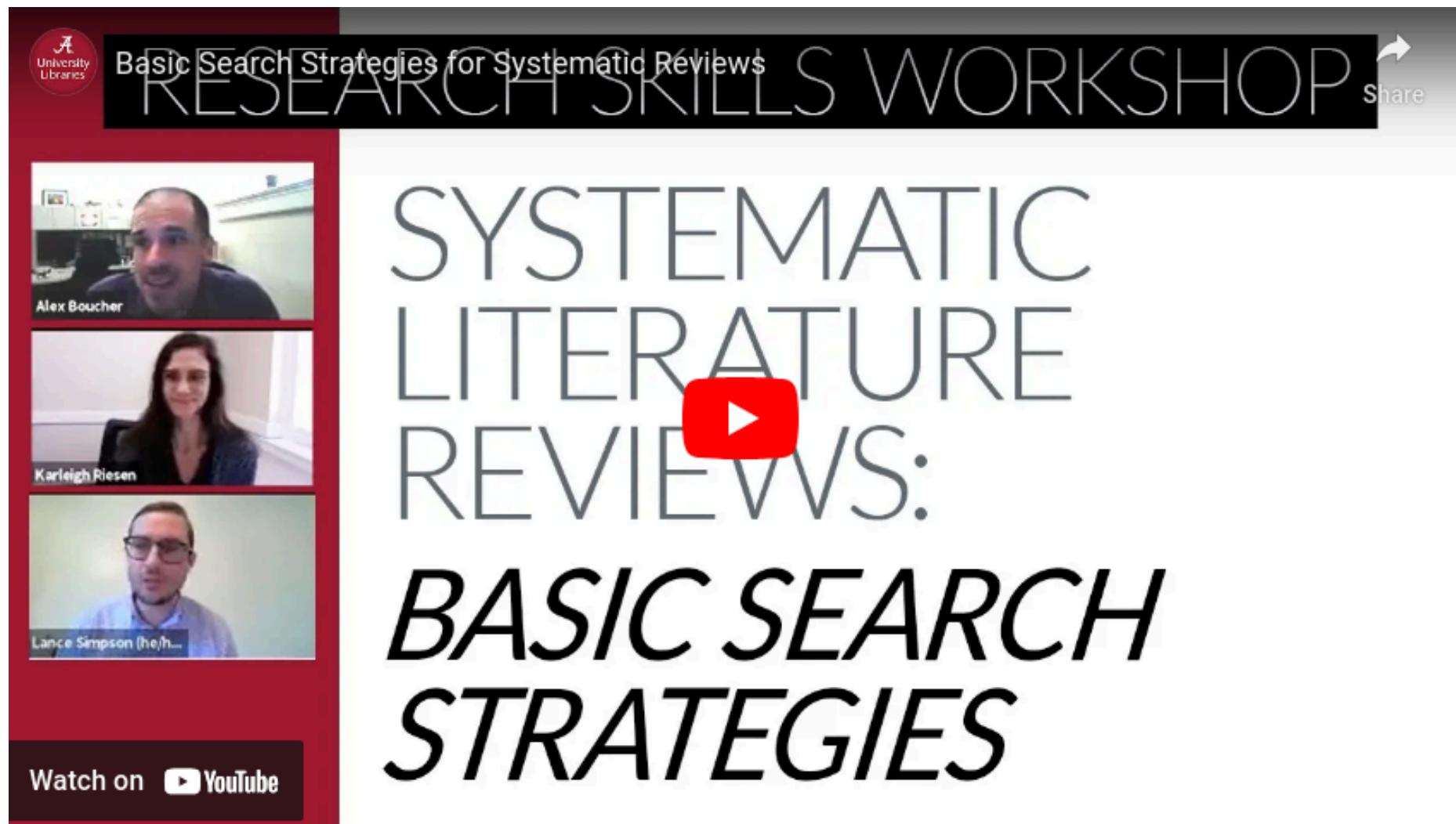
- What decisions did you made along the way?
- What were the challenges?
- What do you think are limitations of your research?
- Is there any possible bias?

# How to search?

(this may vary for databases)

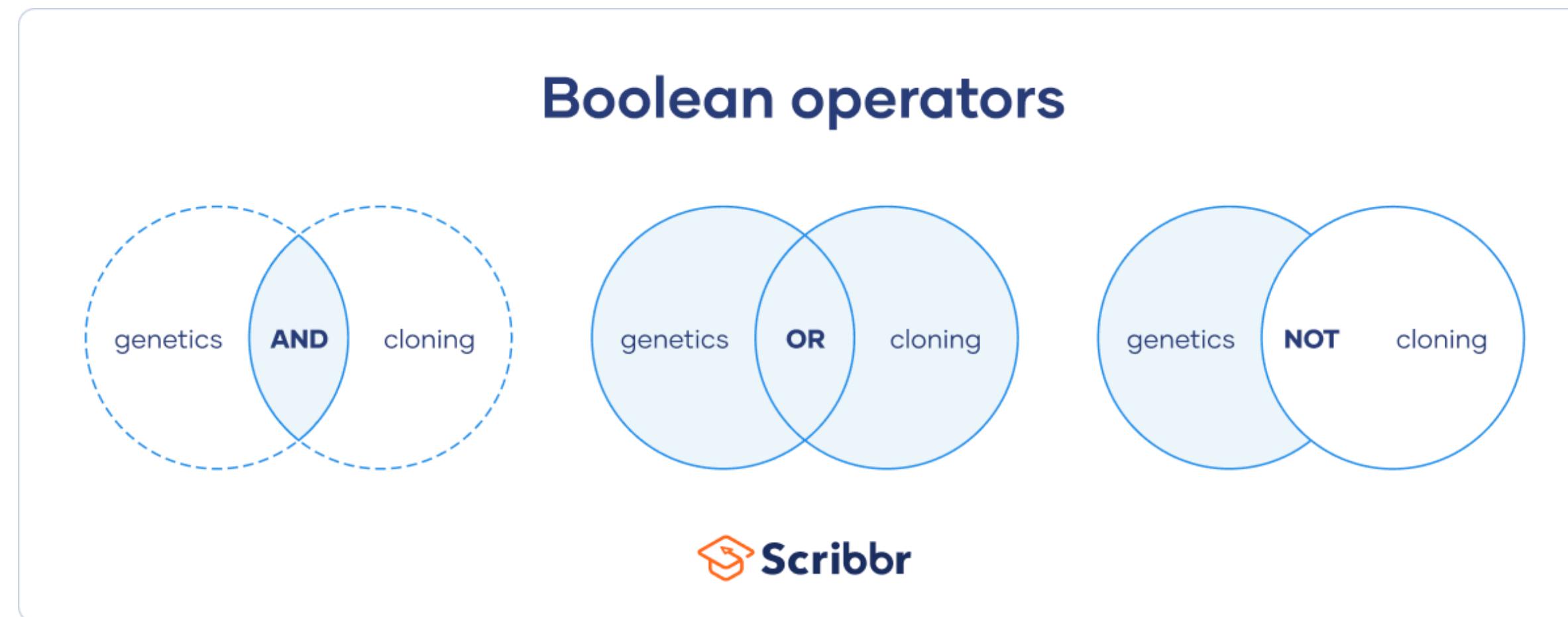
# Searching strategies

- IMO, the most challenging part!



# Boolean operators

AND, OR, NOT



<https://www.scribbr.com/working-with-sources/boolean-operators/>

# Example with Periodicos CAPES:

User friendly search (Busca avançada):

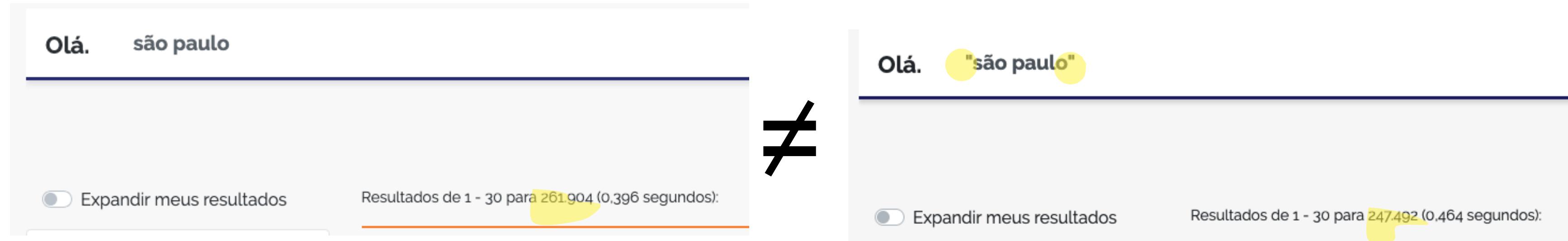
The screenshot shows the advanced search interface for Periodicos CAPES. At the top, there is a dropdown menu labeled "Escopo da Busca:" with "Buscar tudo" selected. Below it, the search query is entered into three fields: "Qualquer campo" (containing "São Paulo"), "Qualquer campo" (containing "Covid-19"), and "Qualquer campo" (containing "mortality"). To the right, there is a dropdown menu for "Tipo de Material" set to "Todos os tipos". At the bottom right of the search form is a button labeled "BUSCAR" with a magnifying glass icon.

Less user friendly search (Busca simples):

Olá. "São Paulo" AND Covid-19 AND mortality



# Quotation marks



<https://www.scribbr.com/working-with-sources/boolean-operators/>

# Parenthesis

Olá. "São Paulo" AND Covid-19 AND mortality OR cases

Expandir meus resultados

Resultados de 1 - 30 para 9.520.859 (0,477 segundos):



Olá. "São Paulo" AND Covid-19 AND (mortality OR cases)

Expandir meus resultados

Resultados de 1 - 30 para 1.241 (0,358 segundos):

<https://www.scribbr.com/working-with-sources/boolean-operators/>

Escopo da Busca:

**Qualquer campo**

**Título**

Autor

Assunto

Editor

é (exato) **são paulo**

é (exato) **Covid-19**

# Fields

Olá. **title:"são paulo" AND title:"Covid-19"**

Expandir meus resultados

Resultados de 1 - 30 para 359 (3.750 segundos):

**Acesso aberto**

- Sim 319
- Não 40

**Tipo do recurso**

- Artigo 346
- Capítulo de livro 5
- Carta 4
- Errata 2
- Editorial 1

[Mostrar mais](#)

**Artigo  Acesso aberto**

**1 Heterogeneous impacts of mobility restrictions on air quality in the State of São Paulo during the COVID-19 pandemic**

Samirys Sara Rodrigues Cirqueira, Patrícia F. Rodrigues, P.T.B.S. Branco, Evangelina Vormittag, R.A.O. Nunes, Andressa Vilas Boas Anastacio, Mariana Matera Veras, Sofia Sousa, Paulo Hilário Nascimento Saldíva

Air quality in the State of **São Paulo** was evaluated during the first general State plan of mobility restrictions due to the **COVID-19** pandemic (24th March to May 31, 2020). Nitrogen dioxide (NO<sub>2</sub>), ozone (O<sub>3</sub>), particulate matter PM10 and PM2.5 and sulphur dioxide (SO<sub>2</sub>) concentrations were assessed in cities of the **São Paulo** State with a monitoring station and compared to historical data. Linear regression models were built to investigate the relationship between the isolation of the population - determined ...

2022 - Elsevier BV | Environmental Pollution

  Revisado por pares

 [Acessar](#) Disponibilidade  2  PlumX Metrics

[Busca Avançada](#)

Enter one or more words

All indexes

Year

Author

Funder

Journal

Abstract

Title

### Journal list

Alphabetic

Thematic

Search by journals

### SciELO Press Releases

2024-10-08 10:00

[The relationship between religious philosophy and mysticism elements in...](#)

2024-10-03 10:00

[How Does Confucianism Influence Chinese Dance?](#)

2024-09-24 10:00

[Stem cell-derived secretome reduces dermonecrosis caused by spider venom](#)

2024-09-20 10:00

[Functional foods containing probiotics are innovative and offer health benefits](#)

2024-09-13 10:00

[Active surveillance cheaper than implants in low-risk surgery in low-risk patients](#)

[Accessibility / Report Error](#)

### SciELO in perspective

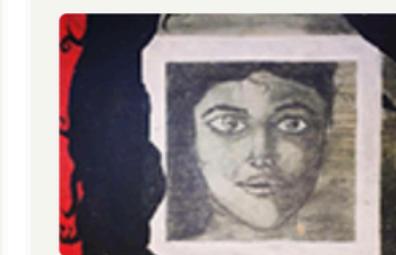
2024-09-18 09:00



[New tool to assess equity in scholarly communication models](#)

The "How Equitable Is It" tool, launched at the CASPA 2024...

2024-09-06 10:00



[Editorial policies for inclusion and diversity in the Revista Brasileira de Estudos da Presença](#)

The Revista Brasileira de Estudos da Presença has...

2024-09-05 10:00



[Art as a Vehicle and Jerzy Grotowski's Investigations Beyond the 20th Century](#)

Dossier on director Jerzy Grotowski highlights the...

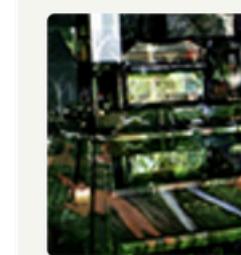
2024-09-04 10:00



[Metamorphosis, friction or symbiosis between body and animated forms in the work of Ilka Schönhaeuser](#)

The works of puppeteer and dancer Ilka Schönhaeuser throughout its work in the Revista Brasileira de Estudos da Presença

2024-09-03 10:00



[Presence as a field of research in the arts](#)

Throughout its work in the Revista Brasileira de Estudos da Presença

# Searching



PORTUGUÊS

ESPAÑOL



Scientific Electronic Library Online

[About SciELO Brazil](#)

The screenshot shows the SciELO Brazil search interface. At the top, there is a search bar with the placeholder "Enter one or more words". To the right of the search bar are dropdown menus for "All indexes" and a blue "Search" button with a magnifying glass icon. Below the search bar, there are three rows of search fields. Each row has a red "X" icon on the left, followed by a dropdown menu containing "AND", "OR", and "AND NOT". The first row's dropdown menu has "AND" selected and is highlighted in blue. The second row's dropdown menu has "OR" selected. The third row's dropdown menu has "AND NOT" selected. Each row also has a "more words" link and another "All indexes" dropdown menu. At the bottom of the search interface, there is a "Add another field +" button.

boolean operators

(Covid-19) AND (São Paulo) OR (Sao Paulo)



All indexes



Search



Add field +

Search history

Results: 6 403

Order by

Publication - Newest first

Page

1

of 427 &gt;

#6 (Covid-19) AND (São Paulo) OR (Sao Paulo)

Selected filters

CLEAN

Collection: Brazil



## Filters

Filter

## Collection

 All Brazil

6403

## Journal

+ OPTIONS

 All Ciéncia & Saúde Coletiva

273

 Revista da Associação Méd...

261

 Select this page

Print | Send to email | Export | Share

0 Selected items



## 1. Choroiditis following severe acute respiratory syndrome coronavirus 2 infection in unvaccinated identical twins

Mello, Luiz Guilherme Marchesi ; Lubiana, Lara Guedes ; Hirata, Carlos Eduardo ; Monteiro, Mário Luiz Ribeiro ; Yamamoto, Joyce Hisae .

*Arquivos Brasileiros de Oftalmologia* 2025, Volume 88 N. 1 elocation e2023-0117

Abstract: &gt; EN | Text: EN | PDF: EN

<https://doi.org/10.5935/0004-2749.2023-0117>

## 2. Seasonality of the incidence of bronchiolitis in infants — Brazil, 2016–2022: An interrupted time-series analysis Brazil 2016–2022 20162022 2016 2022 timeseries time series 2016–202 2016202 201 202 2016–2020 201620 2016–2 20162 2 2016—

Friedrich, Frederico ; Lumertz, Magali Santos ; Petry, Lucas Montiel ; Pieta, Marina Puerari ; Bittencourt, Luana Braga ; Nunes, Bruno Brocker ; Garcia, Laura de Castro e ; Antunes, Marcos Otávio Brum ; Scotta, Marcelo Comerlato ; Stein, Renato Tetelbom ; Jones, Marcus Herbert ; Comaru, Talitha ; Pinto, Leonardo Araújo .

*Revista Paulista de Pediatría* 2025, Volume 43 elocation e2023203

Abstract: &gt; PT &gt; EN | Text: PT EN | PDF: PT | PDF: EN

<https://doi.org/10.1590/1984-0462/2025/43/2023203>

(Covid-19) AND (intersectionality)



All indexes



Search



Add field +

Search history

Results: 14

Order by Publication - Newest first

Page 1 of 1 &gt;

#15 (Covid-19) AND (intersectionality)

## Selected filters

CLEAN

Collection: Brazil



## Filters

Filter

## Collection

 All Brazil

14

## Journal

+ OPTIONS

 All Saúde e Sociedade

3

 Ciência & Saúde Coletiva

2

 Select this page | Print | Send to email | Export | Share

0 Selected items

1. **Anos Potenciais de Vida Perdidos devido à COVID-19, segundo a raça/cor e gênero, no Brasil, entre 2020 e 2021 COVID19, COVID19 COVID 19, 19 COVID-19 raçacor raça cor gênero Brasil 202 COVID1 1 COVID-1 20 COVID- 2**

Silva Filho, Aloisio Machado da ; Araújo, Edna Maria de ; Souza, Ionara Magalhães de ; Luiz, Olinda do Carmo ; Máximo, Giovanni ; Queiroz, Franciane de Azevedo ; Cavalcante, Lara ; Nisida, Vitor .

*Ciência & Saúde Coletiva* 2024, Volume 29 N. 3 elocation e04702023

Abstract: > EN > PT | Text: EN PT | PDF: EN | PDF: PT

<https://doi.org/10.1590/1413-81232024293.04702023>

2. **A cor da morte na pandemia de Covid-19: epidemiologia social crítica, interseccionalidade e necropolítica Covid19 Covid 19 Covid-19 crítica Covid1 1 Covid-1 Covid-**

Cabral, Mariana Pompílio Gomes ; Lima, Francisco Anderson Carvalho de ; Lima, Raquel Cerdeira de ; Bosi, Maria Lúcia Magalhães .

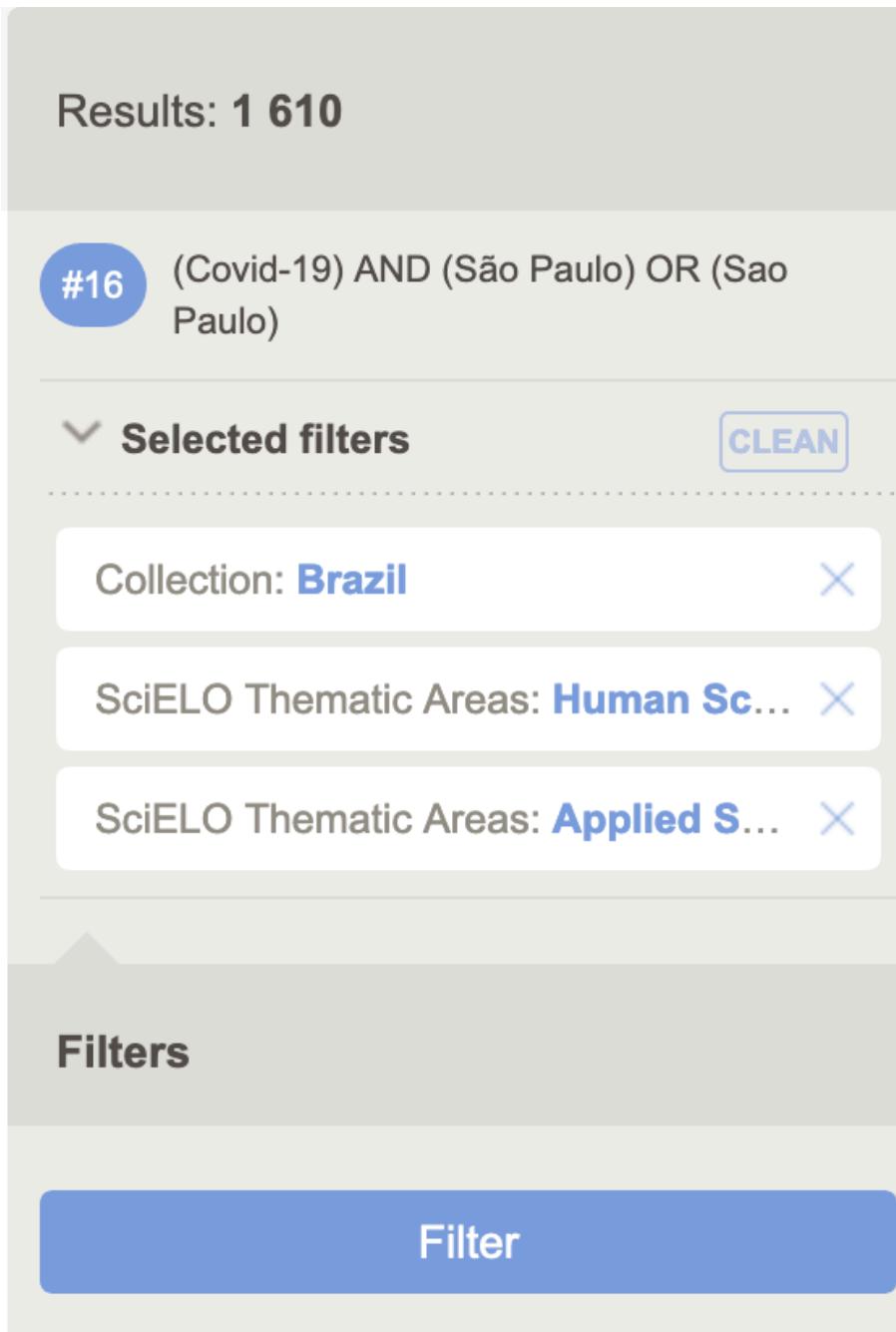
*Physis: Revista de Saúde Coletiva* 2024, Volume 34 elocation e34053

Abstract: > EN > PT | Text: EN PT | PDF: EN | PDF: PT

<https://doi.org/10.1590/s0103-7331202434053pt>

3. **Cuidado em território vulnerabilizado e a COVID-19: interseccionalidade e dinâmica étnica na ética do**

# Using filters



# Exporting



PORTUGUÊS

ESPAÑOL



(Covid-19) AND (São Paulo) OR (Sao Paulo)



All indexes

Search



Add field +

Search history

Results: 4 897

Order by

Publication - Newest first

Page 1 of 327 >

#17 (Covid-19) AND (São Paulo) OR (Sao Paulo)

Selected filters

CLEAN

Collection: All

X

SciELO Thematic Areas: Human Sc...

X

SciELO Thematic Areas: Applied S...

X

Type of Literature: Article

X

Type of Literature: Review article

X

Select this page [Print](#) | [Send to email](#) | [Export](#) | [Share](#)

0 Selected items

1. [Impacto del COVID-19 en la seguridad alimentaria y nutricional de la población rural: El caso de La Hilera y Clara del departamento de Tacuarembó, Uruguay](#)

Ongay Rossi, María Elena ; Silva Marins, Guillermo Dario ; Balbanian Oviedo, Jose Enrique .

*Revista Economía y Política* dec 2024, N. 40 Pages 112 - 133

Abstract: > EN > ES | Text: EN ES | PDF: EN | PDF: ES

<https://doi.org/10.25097/rep.n40.2024.07>

2. [Análisis de la Rentabilidad y su relación con el Riesgo Crediticio y Liquidez de Mutualistas en Ecuador](#)

Andrade Cornejo, Camila ; Flores Sánchez, Gustavo ; Coronel-Pangol, Katherine .

# Exporting

PORTUGUÉS ESPAÑOL

(Covid-19) AND (São Paulo) OR (Sao Paulo)

Results: 4 897

#17 (Covid-19) AND (São Paulo) OR (Sao Paulo)

Selected filters

- Collection: All
- SciELO Thematic Areas: Human Sc...
- SciELO Thematic Areas: Applied S...
- Type of Literature: Article
- Type of Literature: Review article

Filters

Export format:

- RIS (for EndNote, ProCite, Reference Manager, RefWorks, Citavi, etc.)
- BibTeX
- Citation
- CSV (for Excel, etc)

Export:

- This page
- Selected items
- All references (max. 2000)

Page 1 of 327 >

0 Selected items

Abstract: > EN > ES | Text: EN ES | PDF: EN | PDF: ES  
<https://doi.org/10.25097/rep.n40.2024.07>

2.  Análisis de la Rentabilidad y su relación con el Riesgo Crediticio y Liquidez de Mutualistas en Ecuador

Andrade Cornejo, Camila  ; Flores Sánchez, Gustavo  ; Coronel-Pangol, Katherine .

Revista Economía y Política dec 2024, N. 40 Pages 40 - 57

# .CSV file



Columns: 8

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# .bib file



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@article{MOMM2023,
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  journal = {urbe. Revista Brasileira de Gestão Urbana},
  author = {Momm, Sandra, Terra, Maria Fernanda, Travassos, Luciana, Chaves, Igor Matheus Santana, Fernandes, Bruna de Souza},
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  year = {2023},
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}
```

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Áreas ▾

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- Reed Elsevier

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2 **SCImago Journal and Country Rank - SJR**



... partir das informações contidas no banco de dados **Scopus**. Esses indicadores podem ser utilizados para avaliar e ... visibilidade dos periódicos constantes na base de dados **Scopus** a partir de 1996.

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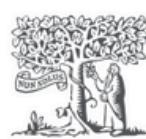
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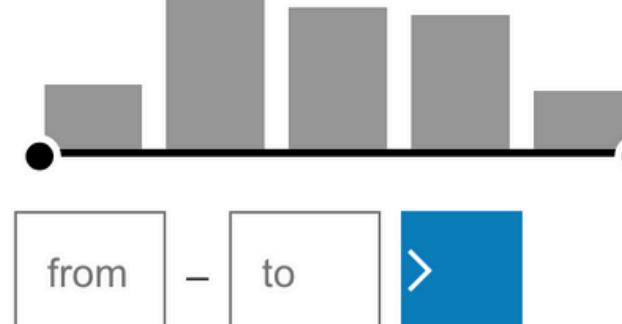
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	Authors	Source	Year	Citations
1	Franceschini, P.B., Schweiker, M., Neves, L.O.	Building and Environment	2024	0
2	Marques, J.G., Carvalho, B.M.D., Guedes, L.A., Da Costa-Abreu, M.	International Journal of Environmental Research and Public Health	2024	0

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Columns: 46

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$ `Author full names` <chr> "Perez, Yuri (57226098311); Schimit, Pedro Henr...
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$ `Authors with affiliations` <chr> "Perez Y., Informatics and Knowledge Management...
$ Abstract <chr> "Objective: This study examines the impact of t...
$ `Author Keywords` <chr> "complex networks; COVID-19; informal settlemen...
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$ Editors <lgl> NA, ...
$ Publisher <chr> "Universidade Nove de Julho-UNINOVE", "American...
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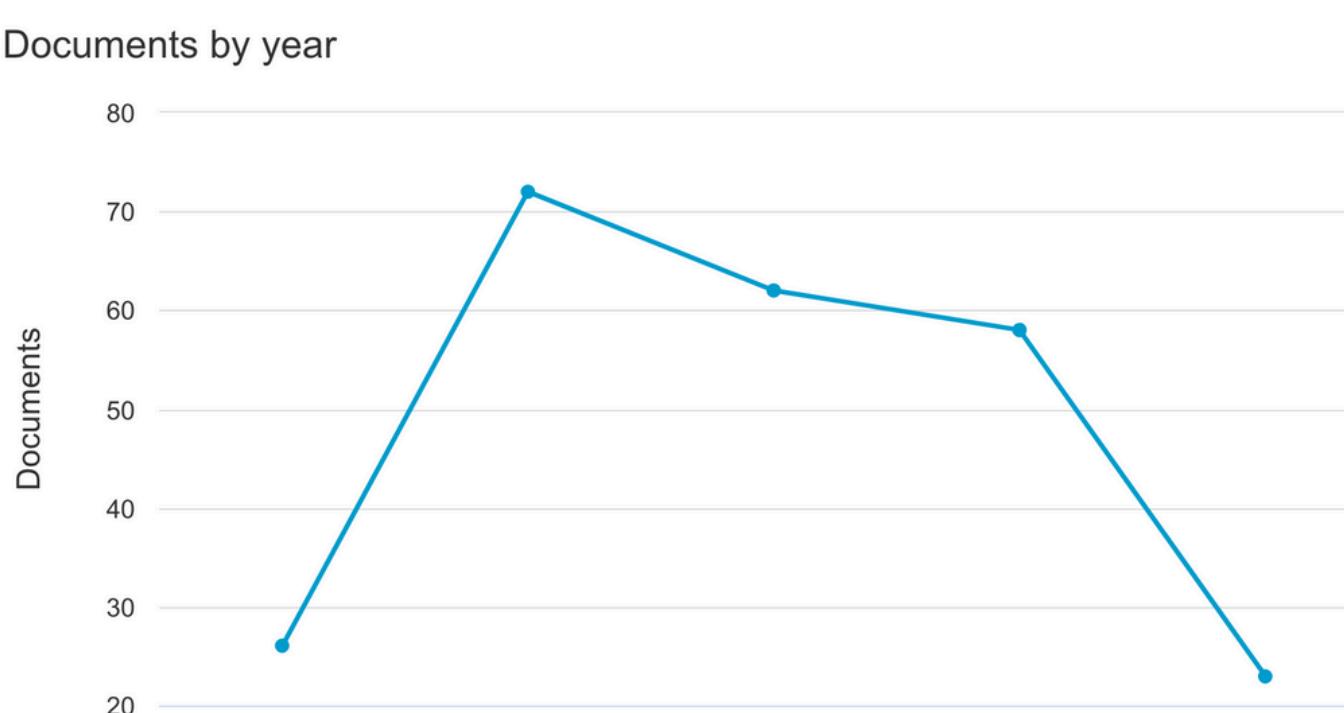
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2023	58
2022	62
2021	72
2020	26

Documents by year



Year	Documents
2020	26
2021	72
2022	62
2023	58
2024	23

# Conducting a literature review

(the steps depends on the type of literature review)

# Conducting a literature review

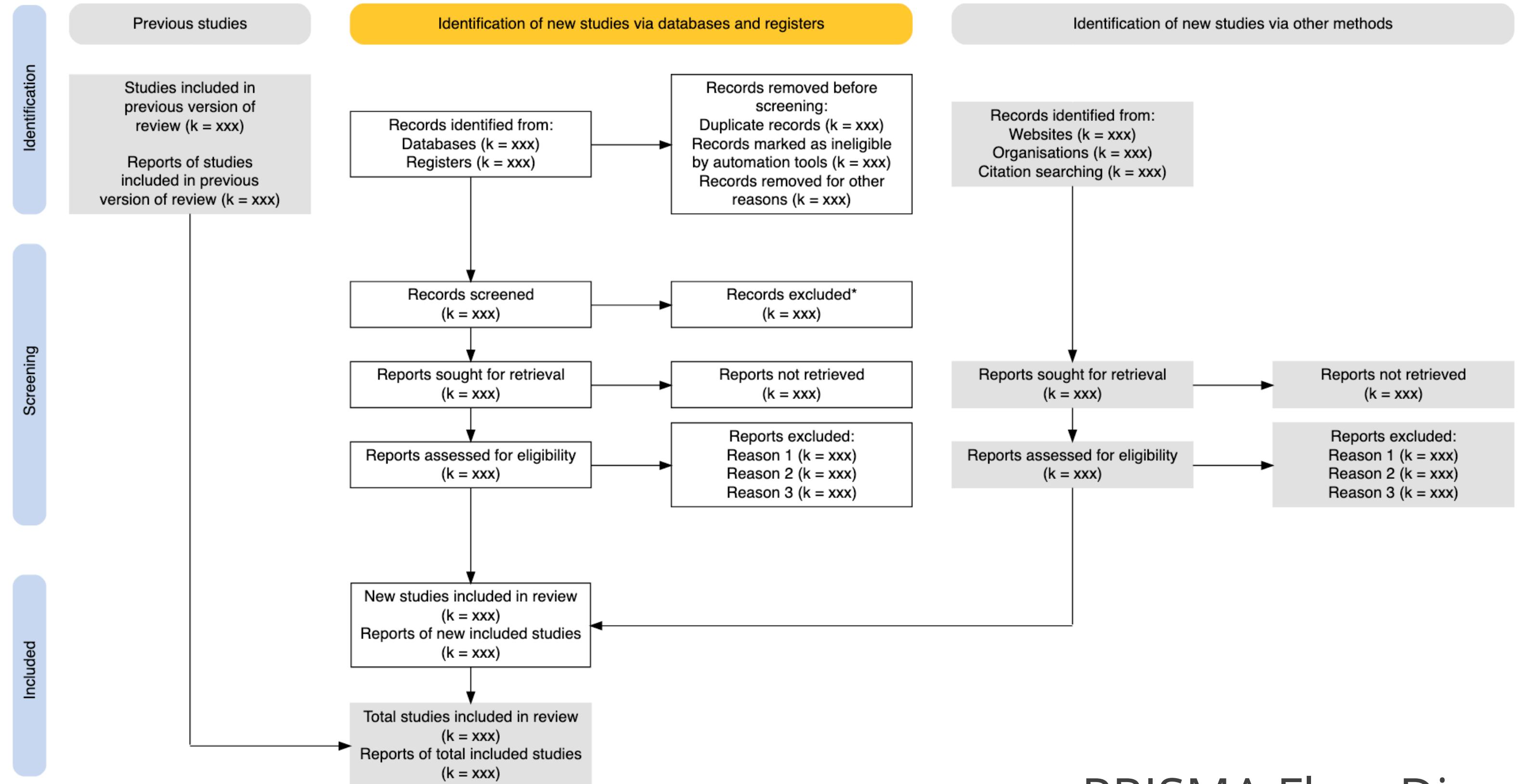
## Before starting

- What is the research question?
- What is the aim: write a chapter for a dissertation/thesis, or an article?
- Which type of literature review will you conduct?
  - Search for, and read some literature reviews that uses the technique that you want to use.

# Conducting a Systematic Review

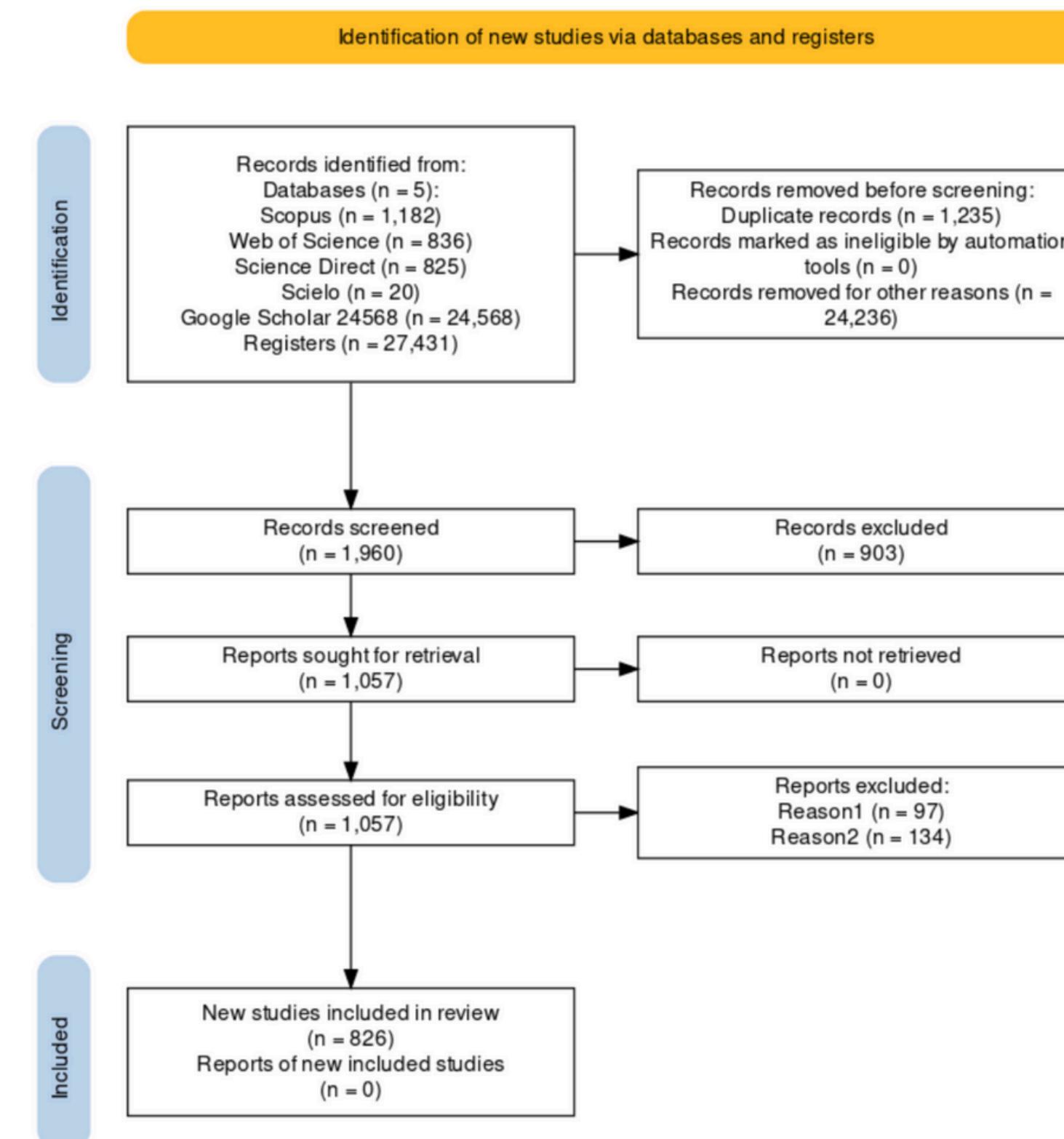
# For Systematic Review

- Before starting, read about: Preferred Reporting Items for Systematic reviews and Meta-Analyses (**PRISMA**)
  - Main website
  - Checklist
  - Paper
  - Flow Diagram



**PRISMA Flow Diagram**

# Example



## Under review:

A Systematic Review of The Literature on Climate Justice: A Comparison Between The Global North and South  
Marcos Tavares de Arruda Filho; Pedro Henrique Campello Torres; Pedro Roberto Jacobi

## **Under review:**

A Systematic Review of The Literature on Climate Justice: A Comparison Between The Global North and South  
Marcos Tavares de Arruda Filho; Pedro Henrique Campello Torres; Pedro Roberto Jacobi

**Abstract:** This study analyzes the characteristics of publications on climate justice on a global scale and between countries in the North and South, **using the guidelines of the PRISMA model.** **826 relevant papers were identified** in **five databases**, with 717 from the global North and 109 from the South. There is a concentration of work in the countries of the Global North. The social and economic disparities between countries in the North and South are reflected in the distribution of publications. The focus of climate justice research in the countries that make up the Global South is mainly on the socio-environmental context and the social vulnerability of the population; in this group, it is the first time that this theme has been expressed in the analysis.

**Keywords:** climate change, climate emergency, bibliometrics, database search, climate policy.

**Suggestion: read the "Materials and Methods" section of this paper.**

# For Systematic Review

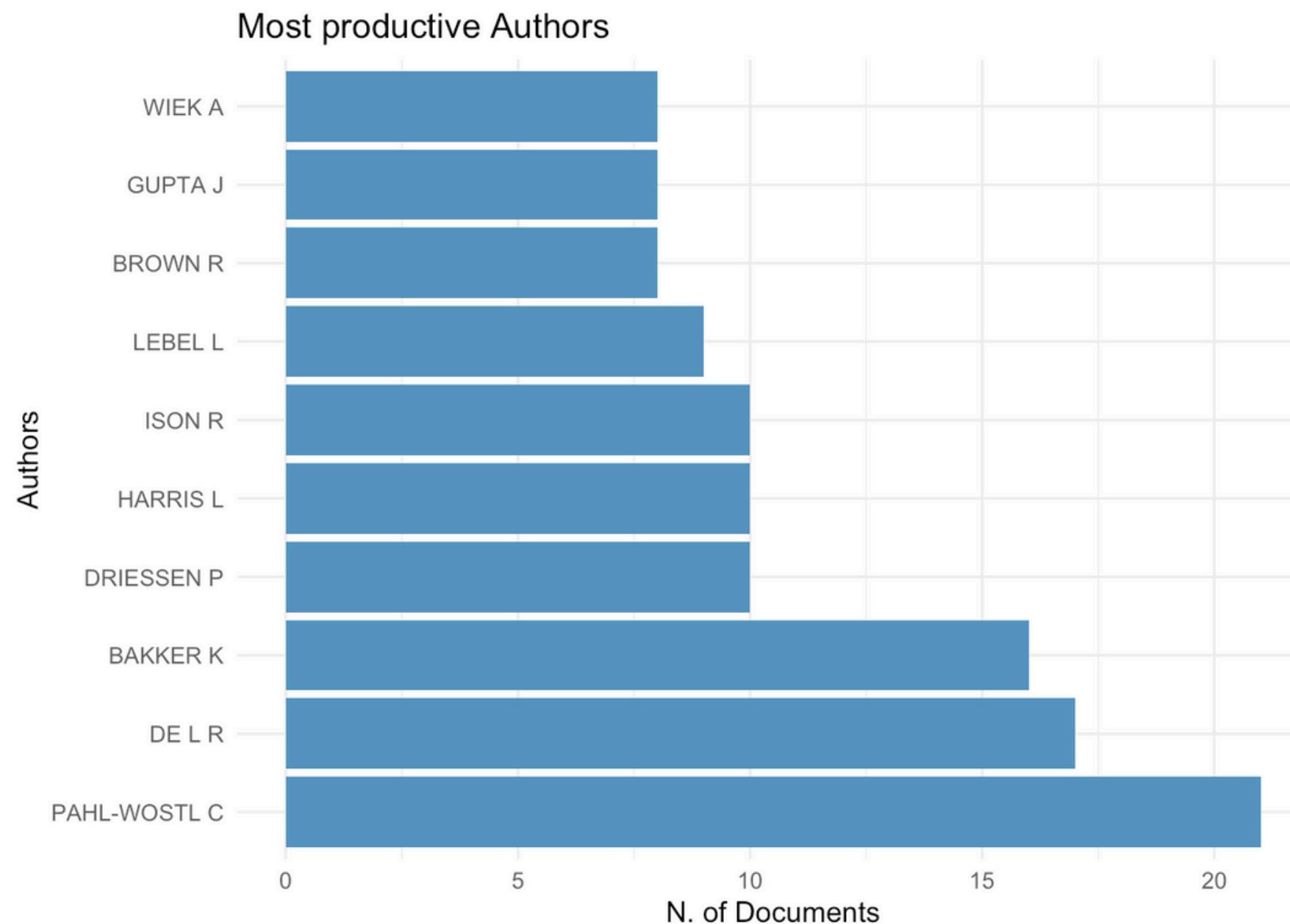
- Use the research notebook (mentioned before!).
- Save (and back-up) every file downloaded.
- Take notes about the downloaded files: when did you download each file? From which database?
- Don't edit the raw files. Create a new table to unite what is important.

# **Conducting a Bibliometric Review**

# Conducting a Bibliometric review

- Read about **PRISMA**! It can help you think about the steps.
- "How to conduct a bibliometric analysis: an overview and guidelines" (Donthu *et al.*, 2021)

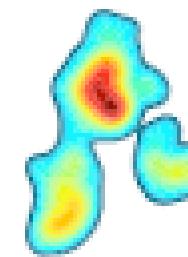
# Tools we can use



[https://www.bibliometrix.org/vignettes/Introduction\\_to\\_bibliometrix.html](https://www.bibliometrix.org/vignettes/Introduction_to_bibliometrix.html)

[https://beamilz.com/posts/2021-03-07-estudando-bibliometrix/pt/](https://beamilz.com/posts/2021-03-07-estudando-bibliometrix/)

# Tools we can use



VOSviewer Online  
Visualizing scientific landscapes

<https://app.vosviewer.com/docs/>

<https://www.vosviewer.com>



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# Thank you!

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