University of Applied Sciences and Arts of Southern Switzerland
Department of Environment Constructions and Design
Institute of Design

SUPSI

Visualising Wikipedia

A new tool that allows visualising groups of Wikipedia articles, analysing and monitoring them, supporting the work of volunteers, researchers, and institutions, and creating knowledge landscapes.

Iolanda Pensa

Senior researcher and head of the research area "Culture and Territory" Institute of design, SUPSI, iolanda.pensa@supsi.ch

Wikimedia Italia - National coordinator GLAM (volunteer)

Wikipedia:WikiProject Climate change/Popular articles

Main	Participants	**Popular articles**	Recommended sources	Style guide	Get started with easy edits	Article alerts	Talk

This is a list of pages in the scope of Wikipedia:WikiProject Climate change along with their pageviews, including all redirects.

See also: popular pages in WikiProject Energy.

List   [edit source]

Period: 2025-12-01 to 2025-12-31

Total views: 8,255,861

Updated: 22:09, 6 January 2026 (UTC)

Rank ⇅	Page title ⇅	Views ⇅	Daily average ⇅	Assessment ⇅	Importance ⇅
1	David Attenborough	283,501 🔗	9,145	GA	High
2	Claudia Sheinbaum	170,955 🔗	5,514	B	Low
3	Antarctica	131,483 🔗	4,241	FA	High
4	Greta Thunberg	123,033 🔗	3,968	GA	High
5	Isra Hirsi	107,087 🔗	3,454	Start	Low
6	Al Gore	105,041 🔗	3,388	GA	High
7	Don't Look Up	101,552 🔗	3,275	C	High
8	Polar bear	93,837 🔗	3,027	FA	Mid
9	Cattle	88,421 🔗	2,852	GA	High
10	Generative artificial intelligence	79,802 🔗	2,574	B	Low
11	Car	73,806 🔗	2,380	B	High
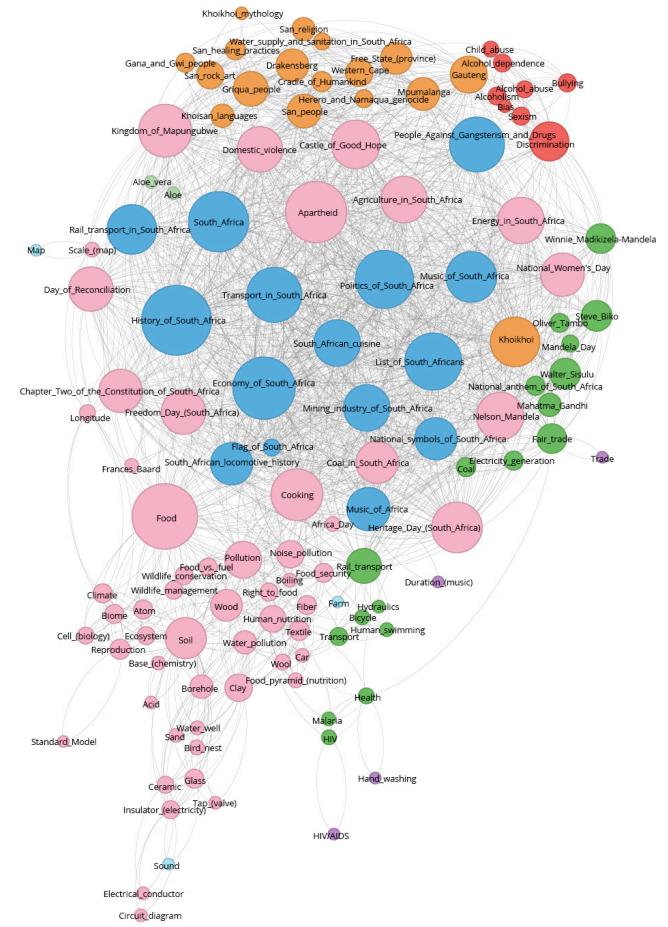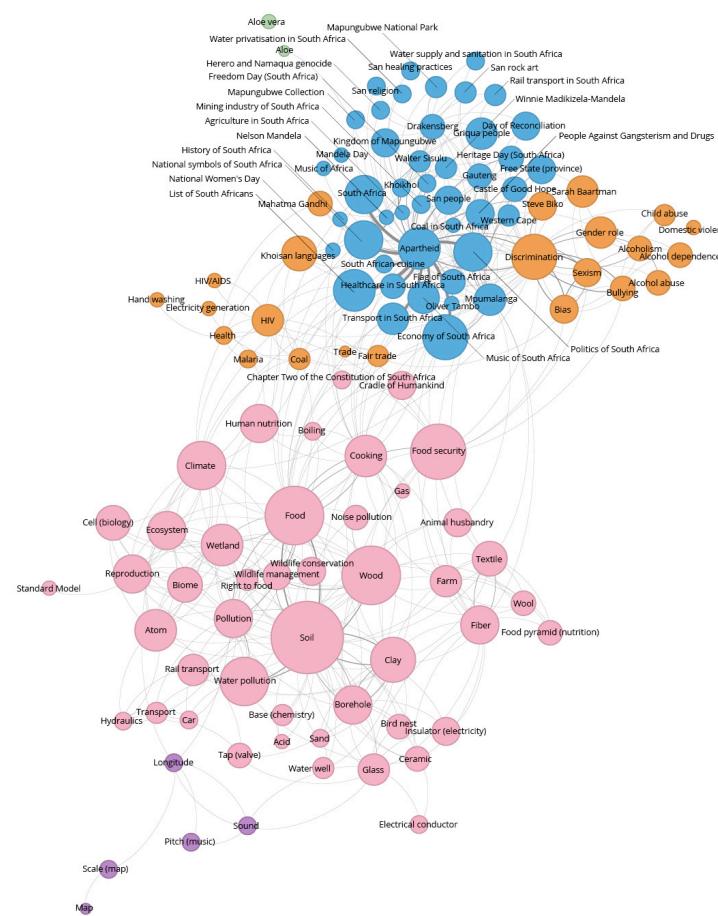
Landscape

August 2015

August 2017

Year
2023

Subject
All subjects

Sort by
title

8,000

7,000

6,000

5,000

4,000

3,000

2,000

1,000

0 daily visits (average)

Year
2023

Subject

Sort by
title

| ✓ All subjects |
| Biology |
| Chemistry |
| Citizenship and Constitution |
| Law and Economics |
| Philosophy |
| Physics |
| Geography |
| Italian grammar |
| Latin grammar |
| Informatics |
| Italian literature |
| Latin literature |
| Mathematics |
| Earth Sciences |
| Science |
| Art History |
| History |
| Technology |

8,000

7,000

6,000

5,000

4,000

3,000

2,000

1,000

0 daily visits (average)

⬤ humanities

⬤ mathematical, physical and natural sciences

⬤ humanities and social sciences

⬤ applied sciences
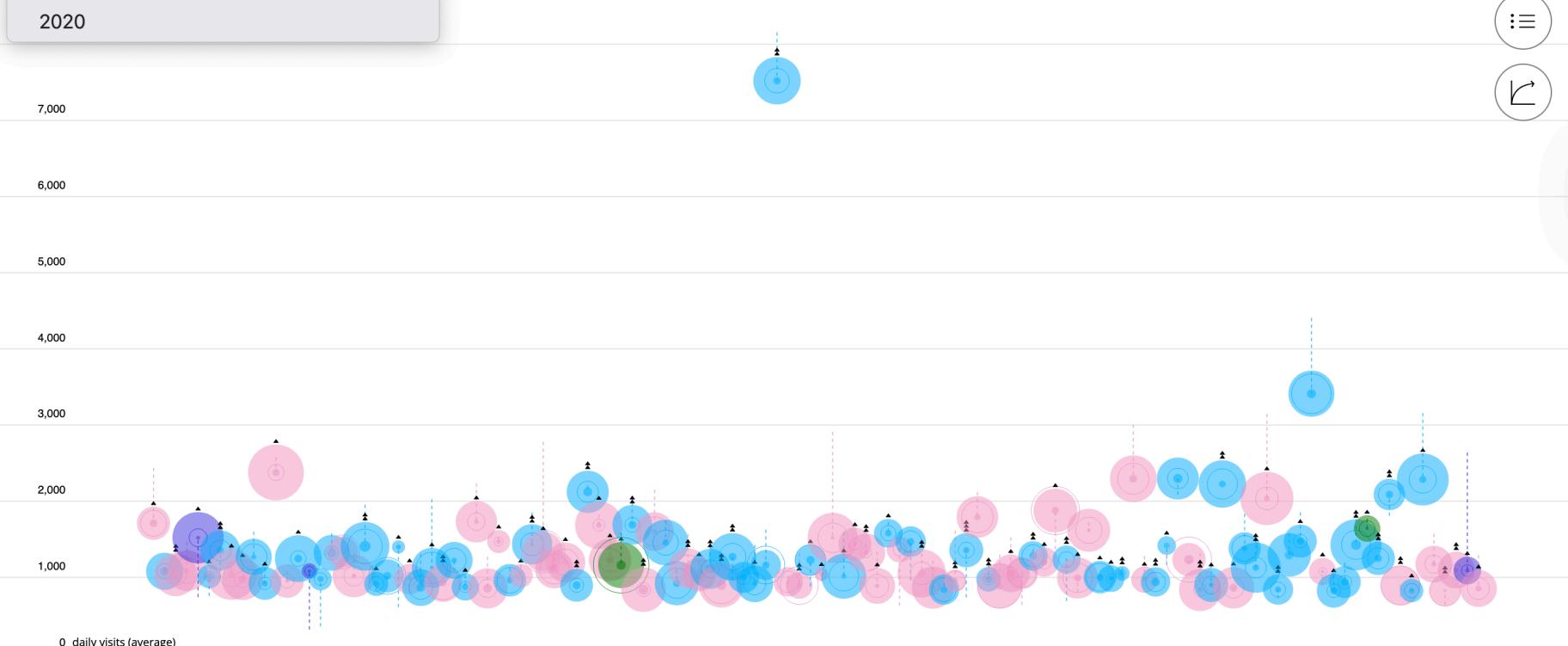
Year
- ✓ 2023
- 2022
- 2021
- 2020

Subject
All subjects

Sort by
title

7,000

6,000

5,000

4,000

3,000

2,000

1,000

0   daily visits (average)

Year
2023 ⌄

Subject
All subjects ⌄

Sort by
title ⌄

8,000

7,000

6,000

5,000

4,000

3,000

2,000

1,000

0 daily visits (average)

article improved
a lot/
enough/
little

article size
the year before

article
size

lead section
size

size of the
discussion
page

variation
of page views
compared to
the year before

Year
2023

Subject
All subjects

Sort by
title

8,000

7,000

6,000

5,000

4,000

3,000

2,000

1,000

0   daily visits (average)

Leonardo da Vinci
Created on: 17-01-2004

daily visits	1512	(-47.9%)
size	238.600	(+3.1%)
discussion	82.857	(+20.9%)
lead section	1294	(-1.0%)
clean up tags	0	-
images	62	(-1.6%)

Wikipedia and the Italian school
Most viewed articles
Articles with clean up tags
Authors and publications
IT

Year
2023

Subject
All subjects

Sort by

✓ title
publication date
article size
size of discussion page
lead section size
number of clean up tags
number of images
number of linguistic versions

8,000

7,000

6,000

5,000
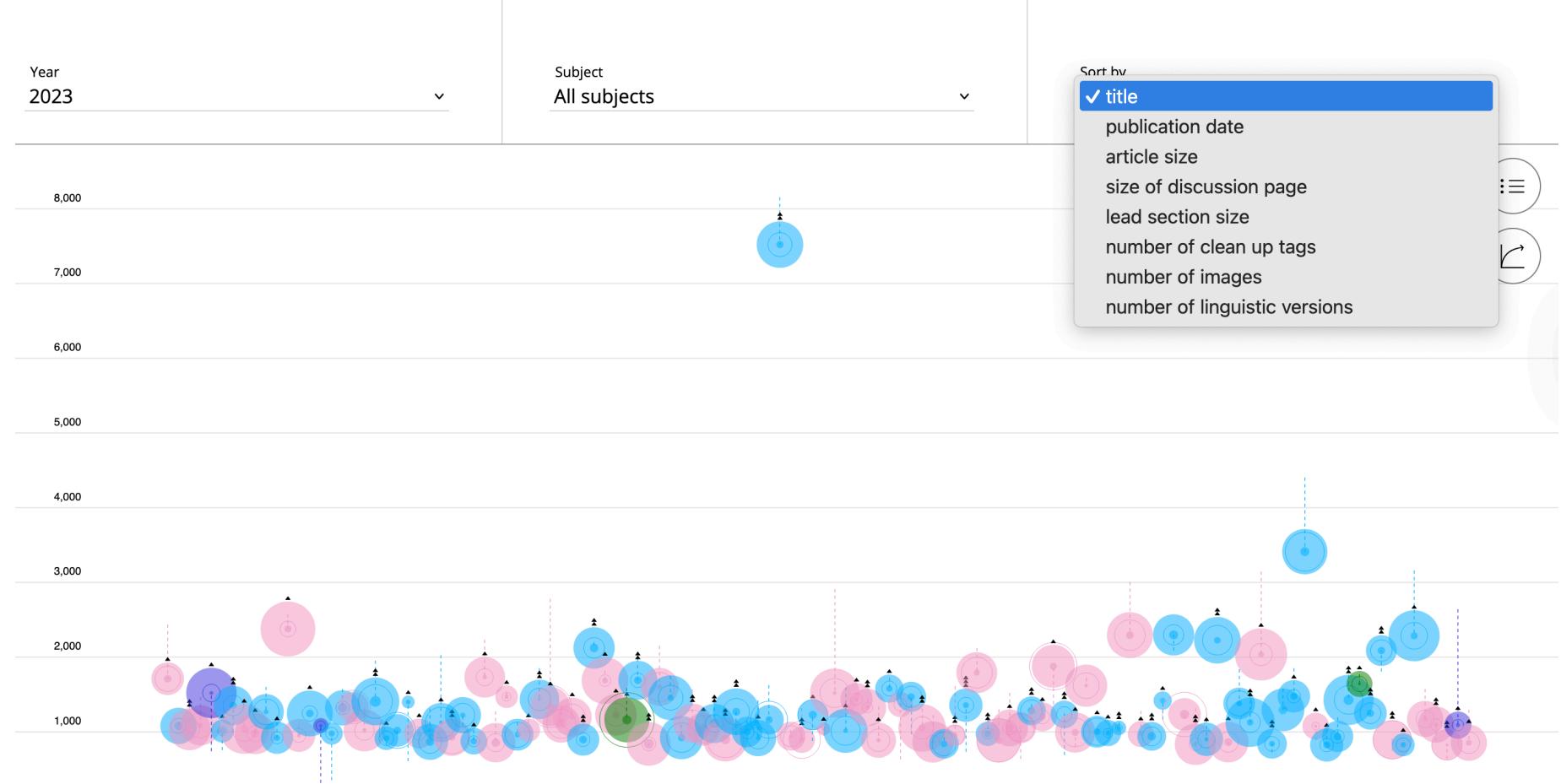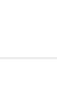
4,000

3,000

2,000

1,000

0 daily visits (average)
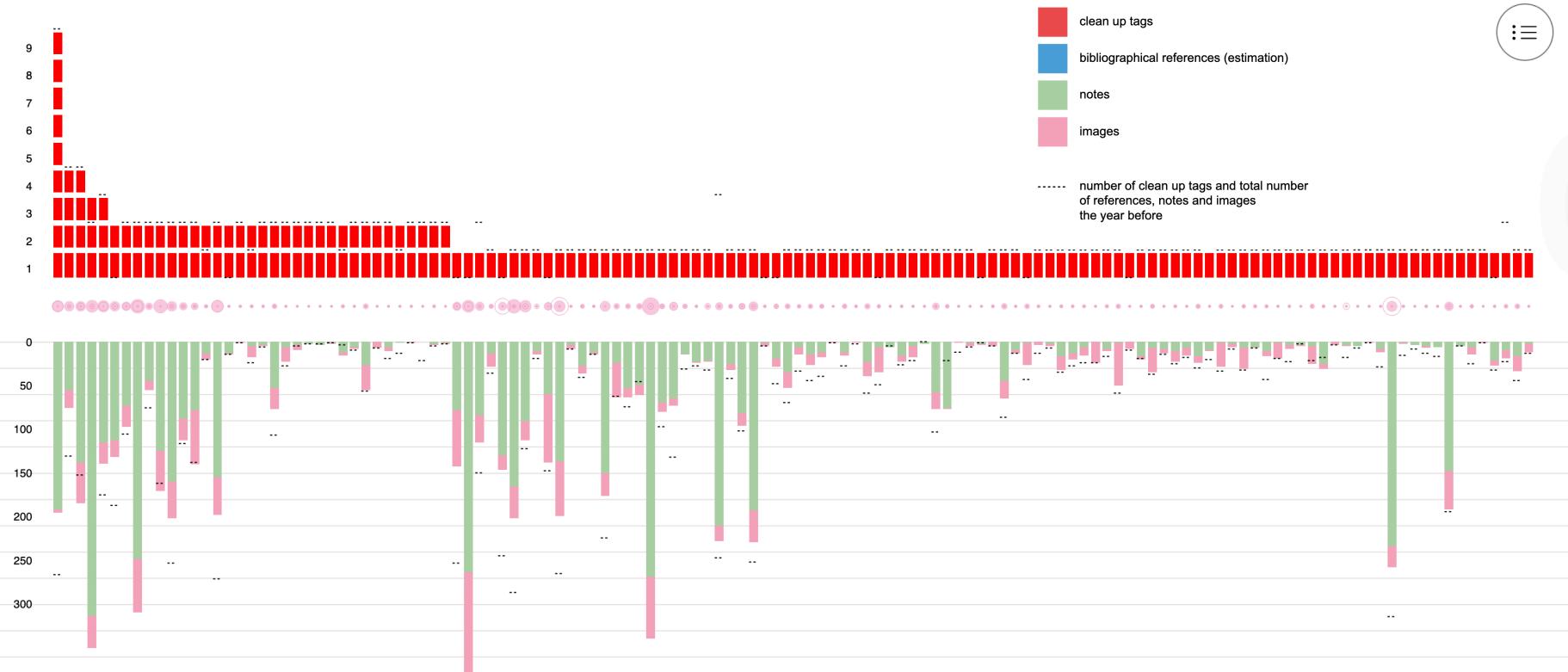
Year
2023
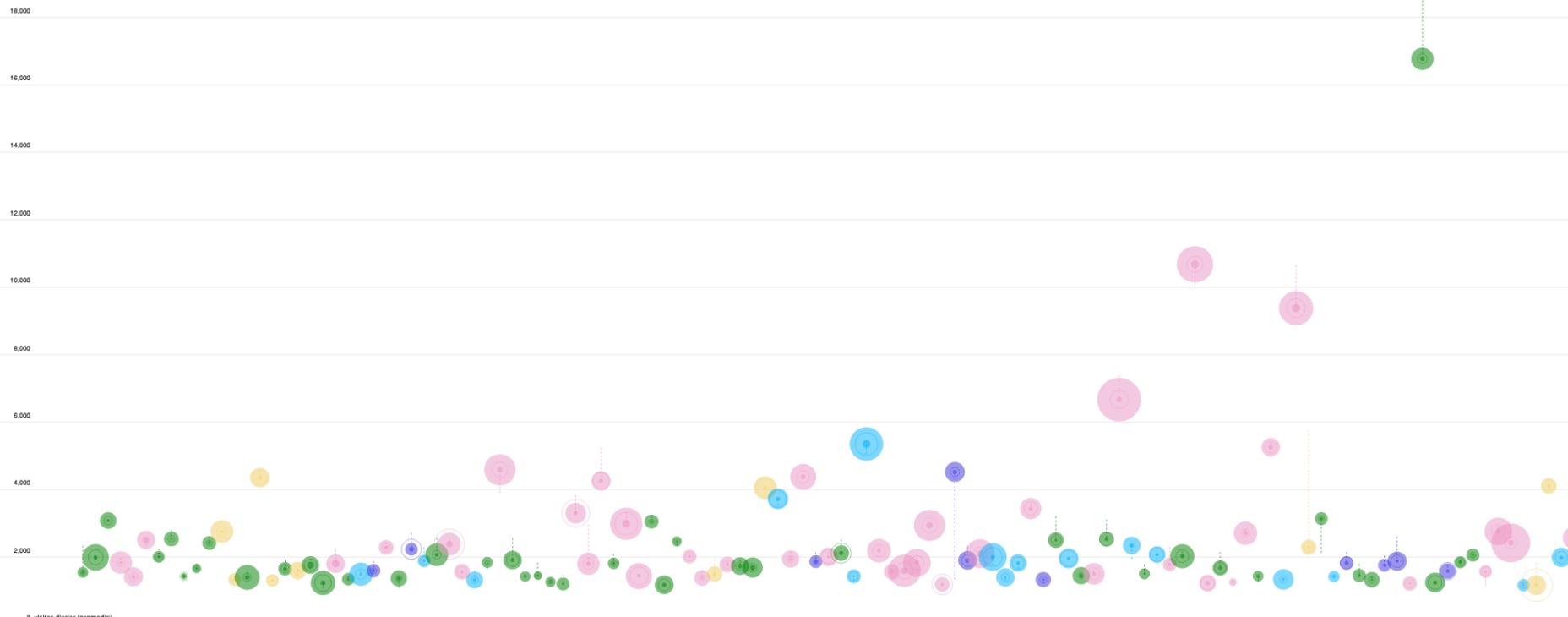
Subject
History

Sort by
number of clean up tags

Legend:
- clean up tags
- bibliographical references (estimation)
- notes
- images

number of clean up tags and total number of references, notes and images the year before

Wikicurrícula Uy

Año
2023

Materia
Todas las asignaturas

Ordenar por
nombre del artículo

18,000

16,000

14,000

12,000

10,000

8,000

6,000

4,000

2,000

0 visitas diarias (promedio)

Visualizing sustainability and climate change on Wikipedia

🗛 Add languages ▾

Content page   Discussion   Read   Edit   Edit source   View history   ⭐   Tools ▾

| VIZWP | Project | Activities | Community | Articles | Requirements | Tool | DMP | Report | Credits |

Visualizing Sustainability and Climate Change is a project aimed at identifying and visualizing knowledge gaps related to sustainability and climate change on Wikipedia. The project helps measure these knowledge gaps, supports communities in improving content on this important topic, facilitates collaboration among multilingual communities and partners, and strengthens the capacity of Wikipedia contributors to document and share information on sustainability and climate change.

In practice, in collaboration with Wikimedia projects focused on sustainability and climate change, the initiative produces a visual tool that allows users to evaluate and monitor the quality and quantity of articles related to sustainability and climate change on Wikipedia across different languages.

Example of visualizations of Wikipedia articles ↗
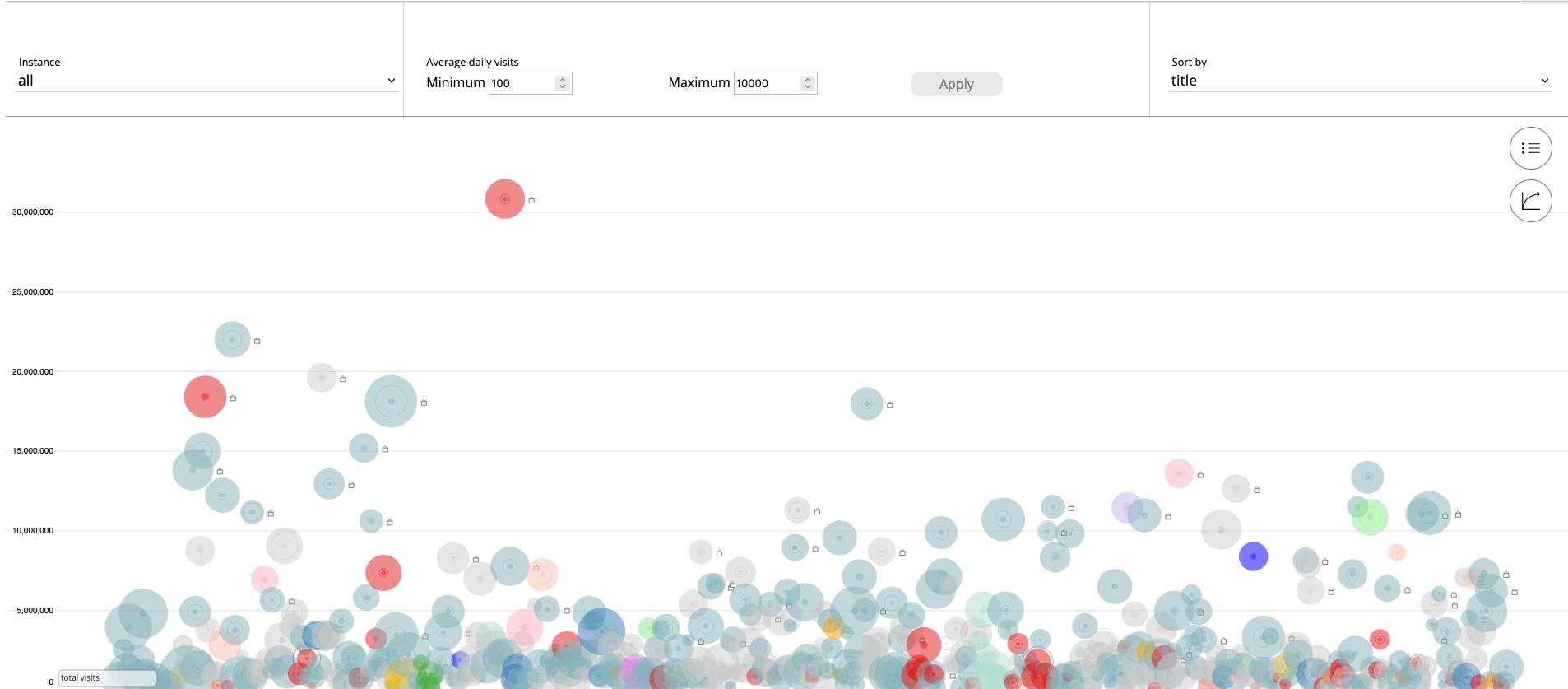
Credits

"Visual Analytics for Sustainability and Climate Change: Assessing online open content and supporting community engagement. The case of Wikipedia (2025-2029)" is a research project led by SUPSI, in collaboration with Wiki Education Foundation, Wikimedistas de Uruguay https://wikimedistas.uy/, Wiki in Africa https://www.wikiinafrica.org/ and Open Climate Campaign https://openclimatecampaign.org/, with the endorsement of Wikimedia Italia and supported by the SNSF (10.003.183).

Research team: Iolanda Pensa (concept and principal investigator), Giovanni Profeta (coordinator and designer), Chiara Somajni, Florence Devouard, Sage Ross, Nicole Schwitter, Cristian Scapozza, Florian Maximilian Meier and Ahmed Amine Hassou.

The 2025-2029 research focuses on articles related to climate change and sustainability, aiming to assess the current state of coverage on these topics and test interventions. However, the tool developed can be applied to any topic, starting from Wikidata.

Instance
all

Average daily visits
Minimum 100   Maximum 10000   Apply

Sort by
title

30,000,000

25,000,000

20,000,000

15,000,000

10,000,000

5,000,000

0   total visits

Tools

Rana (frogs)

54 Total Articles

Focus Period: September 2022 – January 2023

35 Student editors

Rana is a genus of frogs with dozens of species. This topic was the focus area for one very productive course: https://dashboard.wikiedu.org/courses/Washington_University/Behavioral_Ecology_2022_(Fall)/home

1	Article Created	<1%	Created by Student editors
249	Revisions Created	23%	Created by Student editors
24,564	Tokens Created	71%	Created by Student editors

Learn More

Women physicists

1,966 Total Articles

Focus Period: January 2001 – November 2023

119,724 Editors

Women physicist biographies on English Wikipedia, based on this Wikidata query: https://w.wiki/8voV

1,966	Articles Created	5%	Created by Editors
169,454	Revisions Created	2%	Created by Editors
5,000,206	Tokens Created	4%	Created by Editors

Learn More

African-Americans in the Manhattan Project

20 Total Articles

Focus Period: January 2001 – June 2024

75 Student editors

African American scientists and technicians who worked on the Manhattan Project, as listed in the table in the article: https://en.wikipedia.org/wiki/African-American_scientists_and_technicians_on_the_Manhattan_Project

20	Articles Created	45%	Created by Student editors
1,443	Revisions Created	19%	Created by Student editors
41,976	Tokens Created	25%	Created by Student editors

Women geologists

436 Total Articles

Focus Period: January 2001 – January 2024

116,712 Editors

Biographies of women geologists, based on this Wikidata query: https://w.wiki/8viv

436	Articles Created	15%	Created by Editors
30,393	Revisions Created	9%	Created by Editors
1,144,029	Tokens Created	16%	Created by Editors

← Back to all Topics

Women geologists

Focus Period: January 2001 – January 2024

116712 Editors

Project: en.wikipedia

Biographies of women geologists, based on this Wikidata query: https://w.wiki/8viv

436 Total Articles	**30,393** Total Revisions	**1,144,029** Total Tokens	**436** Articles in Chart	**Predicted Quality**
436 — Articles Created	30,393 — Revisions Created	1,144,029 — Tokens Created	0 — Missing Articles	FA — 3 Articles
67 (15%) — Articles Created by Editors	2,681 (9%) — Revisions Created by Editors	183,848 (16%) — Tokens Created by Editors		GA — 53 Articles
0 — Missing Articles				B — 4 Articles
				C — 200 Articles
				Start — 156 Articles
				Stub — 20 Articles
				Missing — 0 Articles
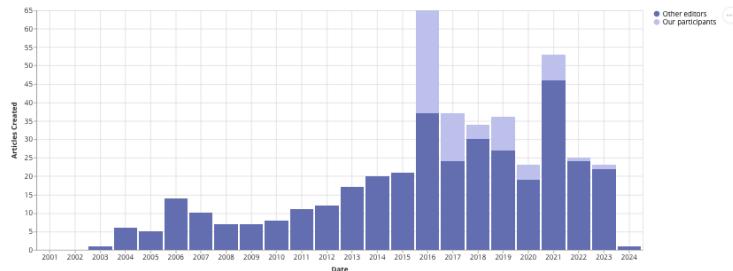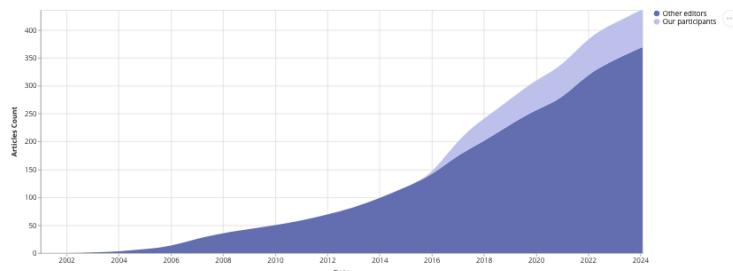
Articles created at each timepoint

Legend: Other editors, Our participants

Cumulative change to articles count

Legend: Other editors, Our participants

Target groups of the visualization tool

Volunteers
They are active contributors to Wikipedia and the Wikimedia projects. They need support in identifying what is missing and how they can contribute.

Institutions
They are associations and groups active in the Wikimedia movement, initiatives interested in specific content, and content providers such as universities and GLAMs.They need support in defining supporting strategies for volunteers, monitoring and evaluating the impact of their work and communicating the relevance of their work efficiently.

Researchers
They are academic scholars and citizen scientists interested in analysing and monitoring a selection of content or topics. They need to have access to an overview of specific topics on Wikipedia and information related to content quality, sources, and controversies.

Journalists
They are professionals working for journals. They need to have access to an overview of specific topics on Wikipedia and information related to content quality, sources, and controversies.

Teachers
Teachers are educators working in schools, universities, or other learning environments. They need access to reliable overviews of specific topics on Wikipedia, along with clear information about content quality, sources, and controversies, so they can guide students in developing critical thinking and media literacy skills.

← Back to all Topics

WikiProject Climate change popular articles

Focus Period: January 2001 – May 2025

0 Participants

Project: en.wikipedia

The top 1000 most popular articles from April 2025: https://en.wikipedia.org/wiki/
Wikipedia:WikiProject_Climate_change/Popular_articles

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994 Total Articles	**1,333,288** Total Revisions	**16,041,610** Total Tokens	**994** Articles in Chart	Predicted Quality
992 — Articles Created	1,333,788 — Revisions Created	16,063,176 — Tokens Created	2 — Missing Articles	FA — 147 Articles
0 (<1%) — Articles Created by Participants	0 (<1%) — Revisions Created by Participants	0 (<1%) — Tokens Created by Participants	734,909 — Total Average Daily Visits	GA — 267 Articles
2 — Missing Articles				B — 293 Articles
				C — 265 Articles
				Start — 18 Articles
				Stub — 2 Articles
				Missing — 2 Articles

Wikidata Tool

Wikipedia Category Tool

Education Dashboard Course Tool

Education Dashboard User Tool

Petscan Tool

Pagepile Tool

User Set Tool

← Back to all Topics

WikiProject Climate c___ar articles

Focus Period: January 2001 – May 2___

0 Participants

Project: en.wikipedia

The top 1000 most popular articles from ___edia.org/wiki/
Wikipedia:WikiProject_Climate_change/P___

994
Total Articles

992 — Articles Created

0 (<1%) — Articles Created by Participants

2 — Missing Articles
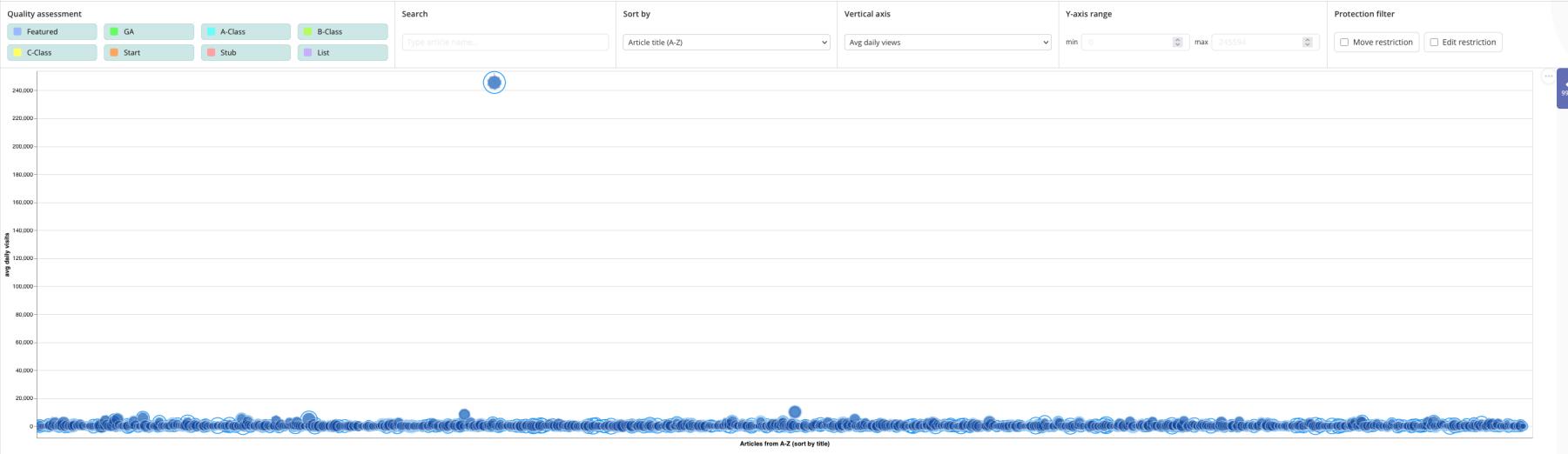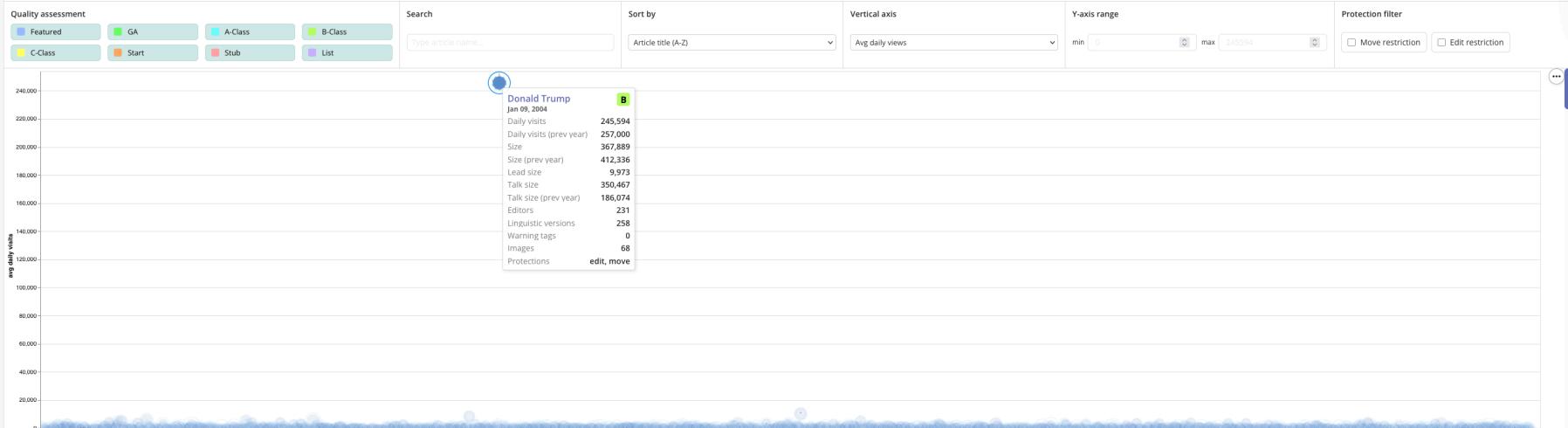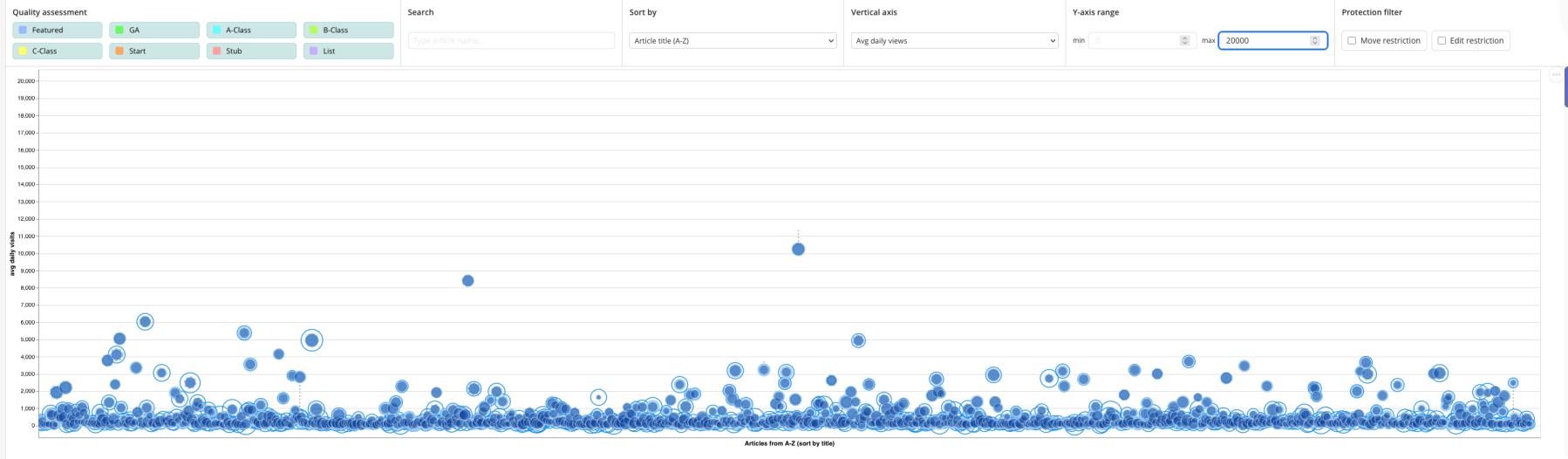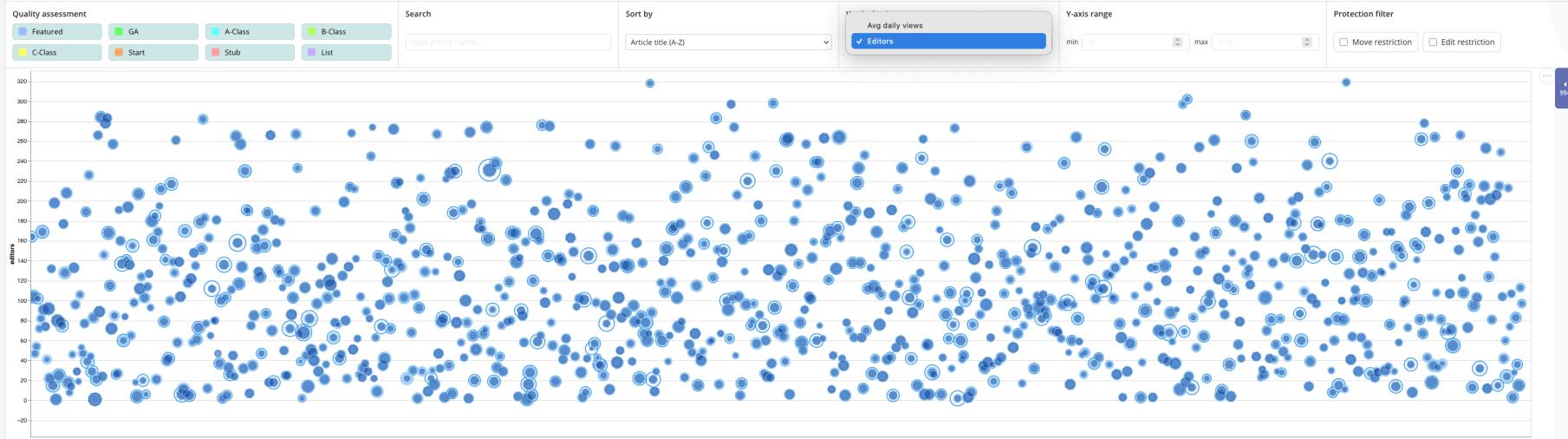
Total Revisions

1,333,788 — Revisions Created

0 (<1%) — Revisions Created by Participants

16,041,610
Total Tokens

16,063,176 — Tokens Created

0 (<1%) — Tokens Created by Participants

994
Articles in Chart

2 — Missing Articles

734,909 — Total Average Daily Visits

Predicted Quality

FA   147 Articles
GA   267 Articles
B   293 Articles
C   265 Articles
Start   18 Articles
Stub   2 Articles
Missing   2 Articles

← Back to all Topics

## WikiProject Climate change popular articles

Focus Period: January 2001 – May 2025
0 Participants
Project: en.wikipedia

The top 1000 most popular articles from April 2025: https://en.wikipedia.org/wiki/Wikipedia:WikiProject_Climate_change/Popular_articles

994 Total Articles	1,333,288 Total Revisions	16,041,610 Total Tokens	994 Articles in Chart	Predicted Quality
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0 (<1%) Articles Created by Participants	0 (<1%) Revisions Created by Participants	0 (<1%) Tokens Created by Participants		GA 267 Articles
			734,909 Total Average Daily Visits	B 293 Articles
2 Missing Articles				C 265 Articles
				Start 18 Articles
				Stub 2 Articles
				Missing 2 Articles

Article analytics over chosen focus period   Export to CSV

Quality assessment
☐ Featured ☐ GA ☐ A-Class ☐ B-Class
☐ C-Class ☐ Start ☐ Stub ☐ List

Search
Type article name...

Sort by
Article title (A-Z)

Vertical axis
Avg daily views

Y-axis range
min 0   max 245094

Protection filter
☐ Move restriction   ☐ Edit restriction

240,000
220,000
200,000
180,000
160,000
140,000
120,000
100,000
80,000
60,000
40,000
20,000

avg daily visits

Articles from A-Z (sort by title)

● 994

● Article size (bytes)   ● Lead section size (bytes)   ○ Discussion size (bytes)   ⊕ Prev. article size (bytes)   ⋯ Change in daily views

← Back to all Topics

WikiProject Climate change popular articles

Focus Period: January 2001 – May 2025

0 Participants

Project: en.wikipedia

The top 1000 most popular articles from April 2025: https://en.wikipedia.org/wiki/Wikipedia:WikiProject_Climate_change/Popular_articles

994 Total Articles	**1,333,288** Total Revisions	**16,041,610** Total Tokens	**994** Articles in Chart	Predicted Quality
992 — Articles Created	1,333,788 — Revisions Created	16,063,176 — Tokens Created	2 — Missing Articles	FA — 147 Articles
0 (<1%) — Articles Created by Participants	0 (<1%) — Revisions Created by Participants	0 (<1%) — Tokens Created by Participants		GA — 267 Articles
2 — Missing Articles			734,909 — Total Average Daily Visits	B — 293 Articles
				C — 265 Articles
				Start — 18 Articles
				Stub — 2 Articles
				Missing — 2 Articles

Article analytics over chosen focus period   Export to CSV

Quality assessment

☐ Featured ☐ GA ☐ A-Class ☐ B-Class
☐ C-Class ☐ Start ☐ Stub ☐ List

Search

Type article name...

Sort by

Article title (A-Z)

Vertical axis

Avg daily views

Y-axis range

min 0   max 245894

Protection filter

☐ Move restriction   ☐ Edit restriction

Donald Trump B
Jan 09, 2004

Daily visits	245,594
Daily visits (prev year)	257,000
Size	367,889
Size (prev year)	412,336
Lead size	9,973
Talk size	350,467
Talk size (prev year)	186,074
Editors	231
Linguistic versions	258
Warning tags	0
Images	68
Protections	edit, move

Articles from A-Z (sort by title)

● Article size (bytes)   ● Lead section size (bytes)   ○ Discussion size (bytes)   ⊕ Prev. article size (bytes)   ┈ Change in daily views

Integration of the visualisation on the impact-visualizer by Wiki Education https://impact-visualizer.wmcloud.org/topics/23#bubble- January 2026

← Back to all Topics

WikiProject Climate change popular articles

Focus Period: January 2001 – May 2025

0 Participants

Project: en.wikipedia

The top 1000 most popular articles from April 2025: https://en.wikipedia.org/wiki/
Wikipedia:WikiProject_Climate_change/Popular_articles

994 Total Articles		**1,333,288** Total Revisions		**16,041,610** Total Tokens		**994** Articles in Chart		Predicted Quality	
992	Articles Created	1,333,788	Revisions Created	16,063,176	Tokens Created	2	Missing Articles	FA	147 Articles
								GA	267 Articles
0 (<1%)	Articles Created by Participants	0 (<1%)	Revisions Created by Participants	0 (<1%)	Tokens Created by Participants			B	293 Articles
						734,909	Total Average Daily Visits	C	265 Articles
2	Missing Articles							Start	18 Articles
								Stub	2 Articles
								Missing	2 Articles

Article analytics over chosen focus period   [Export to CSV]

Quality assessment	Search	Sort by	Vertical axis	Y-axis range	Protection filter
▢ Featured ▢ GA ▢ A-Class ▢ B-Class ▢ C-Class ▢ Start ▢ Stub ▢ List	Type article name...	Article title (A-Z)	Avg daily views	min ▢ max 20000	▢ Move restriction ▢ Edit restriction

← Back to all Topics

WikiProject Climate change popular articles

Focus Period: January 2001 – May 2025

0 Participants

Project: en.wikipedia

The top 1000 most popular articles from April 2025: https://en.wikipedia.org/wiki/Wikipedia:WikiProject_Climate_change/Popular_articles

994 Total Articles		1,333,288 Total Revisions		16,041,610 Total Tokens		994 Articles in Chart		Predicted Quality	
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0 (<1%)	Articles Created by Participants	0 (<1%)	Revisions Created by Participants	0 (<1%)	Tokens Created by Participants	734,909	Total Average Daily Visits	GA	267 Articles
2	Missing Articles							B	293 Articles
								C	265 Articles
								Start	18 Articles
								Stub	2 Articles
								Missing	2 Articles

Article analytics over chosen focus period [Export to CSV]

Quality assessment	Search	Sort by		Y-axis range	Protection filter
☐ Featured ☐ GA ☐ A-Class ☐ B-Class ☐ C-Class ☐ Start ☐ Stub ☐ List	Type article name...	Article title (A-Z)	Avg daily views / ✓ Editors	min 0 max 319	☐ Move restriction ☐ Edit restriction

Article size (bytes) ● Lead section size (bytes) ● Discussion size (bytes) ⊕ Prev. article size (bytes) ⊕ ---- Change in daily views

Articles from A-Z (sort by title)

Bubble Chart UI rework + variety of feature additions #44

Merged ragesoss merged 33 commits into `WikiEducationFoundation:master` from `Aminehassou:master` 🗖 last month

| 💬 Conversation 0 | ⚙ Commits 33 | ✓ Checks 0 | 📄 Files changed 18 |

 Aminehassou commented last month · Collaborator · ...

New Features

- Added a variety of filtering options for the analytics chart
  - Filter articles by assessment grade (`Featured, GA, A-Class, B-Class, C-Class, Start, Stub, List`)
  - Filter articles by restriction type (`edit/move restriction`)
  - Filter by min/max y-axis range
- Added sort features and more axis options
  - Sort by different x-axis values (`Article title, Publication date, Linguistic versions, Article size, Lead section size, Discussion page size, Warning tags, Images`)
  - Select between two y-axis units (`Average Daily Views` or `Number of Editors`)
- New tracked data points for articles (`publication_date, linguistic_versions_count, warning_tags_count, images_count, number_of_editors, article_protections`)
- UI rework based on https://meta.wikimedia.org/wiki/Visual_Analytics_for_Sustainability_and_Climate_Change/Tool/Co-design_activities
- Better responsiveness for smaller screens

Video

▶ bubble.chart.demo.5.mp4 ▾

Improved topic editing for admins and a variety of bug fixes/changes #45

Merged ragesoss merged 11 commits into `WikiEducationFoundation:master` from `Aminehassou:master` 🗖 2 weeks ago

| 💬 Conversation 0 | ⚙ Commits 11 | ✓ Checks 0 | 📄 Files changed 18 |

 Aminehassou commented 2 weeks ago · Collaborator · ...
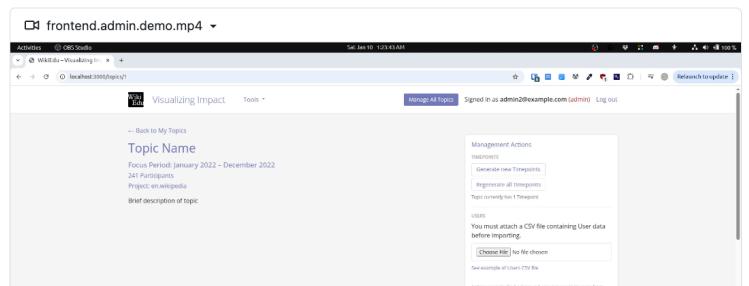
Closes #37
Closes #35

Changes

- New admin features
  - Edit topics from within the non-admin view
  - View every topic by pressing the "Manage All Topics" button
  - Added a red "(admin)" flag to display to users when they're logged in as admin
- Improved article importing process
  - Fixed some encoding issues that were causing articles that had commas and special characters in their titles to not be imported correctly
  - Added logging for redirects that cause duplicate article issues, this should allow for easier identification of duplicates
- Improved error handling for dashboard user tool (now displays whether a user was not found in the toast error)
- Modified filter logic for article protections

Video

▶ frontend.admin.demo.mp4 ▾

Reviewers
No reviews

Assignees
No one assigned

Labels
None yet

Projects
None yet

Milestone
No milestone

Development
Successfully merging this pu
these issues.

🔀 Improve handling of arti
🔀 Both 'users' and 'article

2 participants
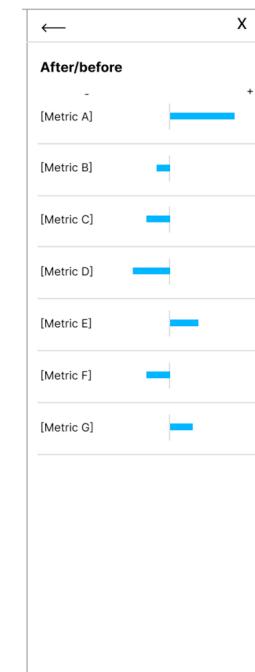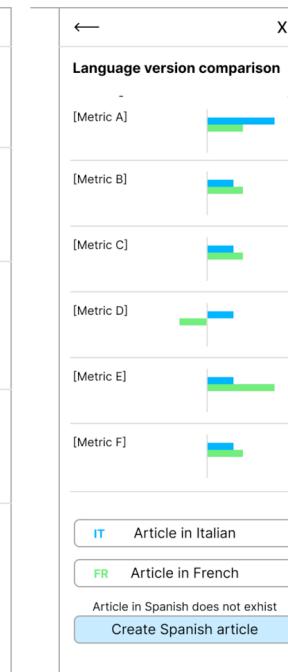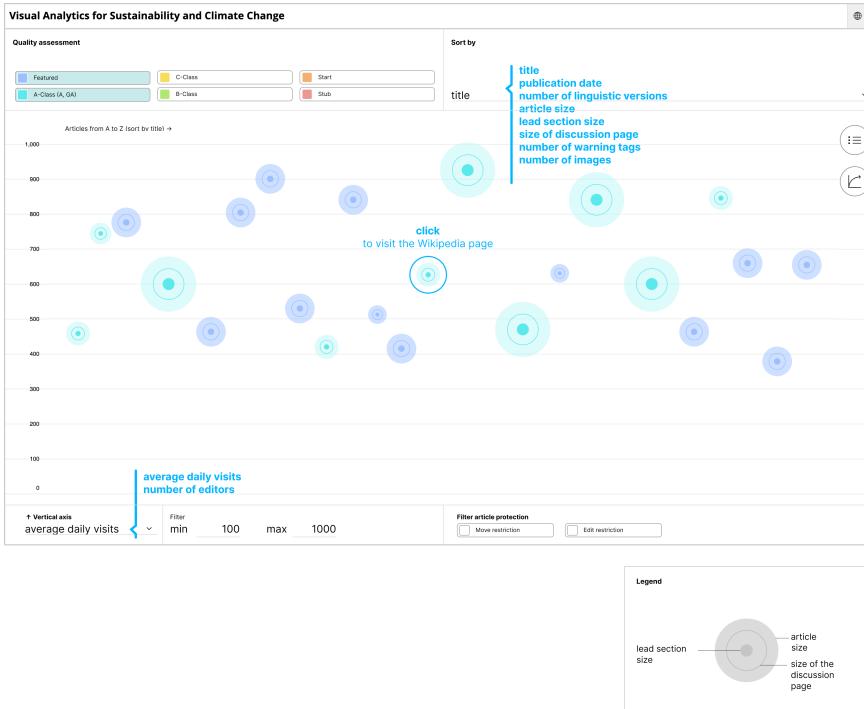
Visual Analytics for Sustainability and Climate Change/Tool/Co-design activities

Add languages

Content page   Discussion

Read   Edit   Edit source   View history   Tools

Visual Analytics for Sustainability and Climate Change   IT

Quality assessment

| Featured | C-Class | Start |
| A-Class (A, GA) | B-Class | Stub |

Articles from A to Z (sort by title) →

Sort by

title
publication date
number of linguistic versions
article size
lead section size
size of discussion page
number of warning tags
number of images

title

click
to visit the Wikipedia page

1,000
900
800
700
600
500
400
300
200
100
0

average daily visits
number of editors

↑ **Vertical axis**
average daily visits

Filter
min 100   max 1000

Filter article protection
Move restriction   Edit restriction

Legend

lead section
size

article
size

size of the
discussion
page

title
instance
creation date

[quality data
(i.e. quality assessment, warning
tags)]

[content data
(i.e. article size, n. of images)]

[user engagement data
(i.e. views, editors)]

click

Compare language versions

Language version comparison

‒   +

[Metric A]

[Metric B]

[Metric C]

[Metric D]

[Metric E]

[Metric F]

IT   Article in Italian

FR   Article in French

Article in Spanish does not exhist

Create Spanish article

After/before

‒   +

[Metric A]

[Metric B]

[Metric C]

[Metric D]

[Metric E]

[Metric F]

[Metric G]

OMG!

Open Movement Global, during FOSDEM, February 2029