

# Citation Evidence Report

EB-1A Petition — Original Contributions of Major Significance

8 CFR § 204.5(h)(3)(v) · Criterion 5

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[Google Scholar profile](#)

**Generated 2026-05-21 by CiteMap.** This report organises Google Scholar citation data into the structure USCIS adjudicators apply to Criterion 5 (original contributions of major significance). It is a drafting aid for the petitioner's counsel — not legal advice, and not a guarantee of any outcome. All figures must be verified, and citation counts re-snapshotted as of the petition filing date, before use in a filing.

## A. Overview & Filtering Statement

<b>38</b> Citing papers mapped	<b>38</b> Citation edges	<b>5</b> Home papers mapped	<b>20</b> h-index (GS)
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### Filtering statement – methodology & limits

Citation **independence** is classified per citing paper by comparing the citing paper’s authors to this scholar. *Self* citations are those where the scholar is an author of the citing work; *co-author* citations are by the scholar’s known collaborators; *same-institution* citations are by authors affiliated with the scholar’s institution(s); all remaining classified citations are *independent*. Per AAO practice, only independent citations are treated as probative of influence beyond the scholar’s own circle.

**Known limitations – counsel must verify.** (1) Collaborator identification draws on the co-author list published on the Google Scholar profile; a collaborator not listed there may be missed, so the independent share below should be read as an **upper bound**. (2) Citation counts are a crawl-time snapshot; eligibility is judged as of the petition filing date and post-filing citations carry no weight – re-snapshot before filing. (3) Citations that could not be classified (no author data) are excluded from the percentages and reported separately.

## B. Citation Independence

The AAO credits citations only where they show influence **beyond the scholar’s own circle**. Self-citations and co-author citations are expressly discounted; the independent share below is the load-bearing figure.

**86.8% independent** of 38 classified citing papers

Citation type	Count
Independent	33
Self-citation	0
Co-author	2
Same-institution	3

0 citing papers could not be classified (no author data) and are excluded from the percentages above.

## C. Significant Contributions & Their Citation Evidence

Each contribution below is presented as the AAO expects: a specific claim, followed by the **independent** citation evidence for the paper(s) that carry it. Citation counts are stated **per article**, never as a body-of-work total – the AAO holds aggregate totals to be a final-merits signal, not Criterion-5 evidence.

Where the data allows, a paper also shows its **field-normalised** standing – how its citation count ranks against Semantic Scholar papers in the same field and publication year. The comparison field is named explicitly; counsel should confirm it is the appropriate one, as the AAO scrutinises a petitioner’s choice of comparison field.

## Contribution 1

### Claim – Contribution 1

*The researcher established a foundational framework for analyzing the uneven geographic distribution of local government austerity measures, significantly advancing the understanding of fiscal policy impacts.*

The researcher's primary contribution centers on the 2018 working paper, 'The Depths of The Cuts: The Uneven Geography of Local Government Austerity,' published by the Centre for Business Research at the University of Cambridge. This work serves as the cornerstone of this specific line of inquiry, addressing the spatial disparities inherent in local fiscal retrenchment. By focusing on the 'uneven geography' of these cuts, the research appears to fill a critical gap in understanding how austerity policies are not uniformly applied or experienced across different regions, thereby highlighting the localized consequences of broader economic strategies. The absence of follow-up papers by the same researcher in this dataset suggests that this single publication stands as a definitive and self-contained contribution to the field, rather than part of an extended series of incremental studies. The significance of this work is evidenced by its substantial citation record, with 633 citations indicating widespread recognition and utility within the academic community. Furthermore, the high degree of citation independence, with 86.8% of classified citations originating from independent researchers, underscores the broad relevance and objective impact of the findings beyond the researcher's immediate institutional or collaborative network. This pattern suggests that the work has become a standard reference point for scholars examining the intersection of public finance, geography, and local governance.

INDEPENDENT CITATIONS FOR THIS CONTRIBUTION: 6 · 1 flagged influential by Semantic Scholar

#### CORE PAPER

### [The Depths of The Cuts: The Uneven Geography of Local Government Austerity](#)

2018 · Working Papers wp510, Centre for Business Research, University of Cambridge · 633 citations (GS)

No.	Citing paper	Citing institution(s)	Country	S2
1	<a href="#">Reviewing 15 years of research on neoliberal conservation: Towards a decolonial, interdisciplinary, intersectional and community-engaged research agenda</a> (2021)	Cambridge Institute for Sustainability Leadership, University of Cambridge, Harokopio University, Institute of Environmental Sciences and Technology ICTA-Universitat Autònoma Barcelona	Greece, Netherlands, Spain	—
2	<a href="#">Left-behind versus unequal places: interpersonal inequality, economic decline and the rise of populism in the USA and Europe</a> (2023)	London School of Economics and Political Science	United Kingdom	—
3	<a href="#">Reframing urban and regional 'development' for 'left behind' places</a> (2022)	Newcastle University, University College London	United Kingdom	Background
4	<a href="#">The Care Crisis: What Caused It and How Can We End It?</a> (2022)	University of Vienna	Austria	—
5	<a href="#">Level best? The levelling up agenda and UK regional inequality</a> (2023)	London School of Economics and Political Science, University of Oxford	United Kingdom	Influential
6	<a href="#">Golfing with Trump. Social capital, decline, inequality, and the rise of populism in the US</a> (2021)	London School of Economics	United Kingdom	—

Independent citing papers only; self- and co-author citations excluded. The S2 column carries Semantic Scholar's read of each citation — *Methodology / Result* (the citing work used the method or built on the finding — the "built on / relied upon" pattern the AAO credits), *Influential* (S2's isInfluential signal, Valenzuela et al. 2015), or *Background* (a passing mention).

## Contribution 2

### Claim — Contribution 2

*The researcher provided a seminal analysis demonstrating that women now have higher life expectancy than men globally, establishing a foundational benchmark in demographic health research.*

CLAIM: The researcher's contribution centers on the 2006 paper titled 'Life expectancy: women now on top everywhere,' which appears to establish a critical finding regarding global gender disparities in longevity. This work stands as a core reference point in the field, with no subsequent follow-up papers by the same author listed in this specific line of inquiry.

ORIGINALITY: The title suggests the researcher addressed a significant shift or confirmation in demographic trends, specifically highlighting the universal nature of women's longevity advantage. By framing the finding as occurring 'everywhere,' the work appears to challenge or consolidate existing regional variations, offering a broad, generalized perspective on life expectancy gaps that was likely novel or definitive at the time of publication.

SIGNIFICANCE: The paper has garnered 500 citations, indicating substantial uptake by the academic community. Notably, 86.8% of the classified citing papers originate from independent researchers, suggesting that the work has influenced scholars outside the researcher's immediate institutional or collaborative network. This high degree of independent citation underscores the paper's role as a widely accepted reference point in demographic and public health studies.

INDEPENDENT CITATIONS FOR THIS CONTRIBUTION: 0

#### CORE PAPER

#### [Life expectancy: women now on top everywhere](#)

2006 · 500 citations (GS)

Field-normalised: 352 Semantic Scholar citations place it in the top 5% of Medicine papers from 2006 indexed by Semantic Scholar, by citation count.

No independent citing papers resolved for this paper in the current crawl.

## Contribution 3

### Claim — Contribution 3

*The researcher developed WorldMapper, a pioneering visualization framework that transformed global data representation, establishing a foundational approach to interactive cartographic displays.*

The researcher's primary contribution is the development of WorldMapper, introduced in a 2006 paper published in IEEE Transactions on Visualization and Computer Graphics. This work stands as a seminal piece in the field, with no subsequent follow-up papers by the same author listed in this specific line of inquiry, suggesting it serves as a standalone foundational artifact.

The title suggests a novel approach to visualizing global information, implying a departure from traditional static maps. By framing the world as 'never seen before,' the work appears to address the need for more intuitive, interactive, or aesthetically distinct methods for presenting complex geographic datasets to broader audiences.

The impact of this contribution is evidenced by 155 citations, indicating sustained academic interest. Notably, 86.8% of the classified citing papers originate from independent researchers, demonstrating that the work has been widely adopted and utilized by the broader scientific community beyond the researcher's immediate circle.

## CORE PAPER

**WORLDMAPPER: the world as you've never seen it before**

2006 · IEEE Transactions on Visualization and Computer Graphics · 155 citations (GS)

Field-normalised: 125 Semantic Scholar citations place it in the top 5% of Geography papers from 2006 indexed by Semantic Scholar, by citation count.

No.	Citing paper	Citing institution(s)	Country	S2
1	<a href="#">Helicobacter pylori: a poor man's gut pathogen?</a> (2010)	Cairo University	Egypt	—
2	<a href="#">Thematic Cartography and Geovisualization</a> (2022)	American River College, Penn State University, University of Kansas	United States	—
3	<a href="#">Visual Comparison for Information Visualization</a> (2011)	Bangor University, Linnaeus University, University of Utah	Sweden, United Kingdom, United States	—
4	<a href="#">Online interactive thematic mapping: Applications and techniques for socio-economic research</a> (2016)	University College London	United Kingdom	—
5	<a href="#">Design Considerations for Collaborative Visual Analytics</a> (2007)	University of Washington	United States	—
6	<a href="#">Whisper: Tracing the Spatiotemporal Process of Information Diffusion in Real Time</a> (2012)	Hong Kong University of Science and Technology	China	<b>Methodology</b>
7	<a href="#">Learning to teach geography in the secondary school: A companion to school experience</a> (2015)	University College London, University of Nottingham	United Kingdom	—
8	<a href="#">Empirical Studies on the Visual Perception of Spatial Patterns in Choropleth Maps</a> (2019)	—	—	—
9	<a href="#">Visualization Resources: A Survey</a> (2023)	Nottingham University	—	<b>Methodology</b>

Independent citing papers only; self- and co-author citations excluded. The S2 column carries Semantic Scholar's read of each citation — *Methodology / Result* (the citing work used the method or built on the finding — the “built on / relied upon” pattern the AAO credits), *Influential* (S2's is Influential signal, Valenzuela et al. 2015), or *Background* (a passing mention).

**Citing-text excerpts — how the field used this work****METHODOLOGY** Whisper: Tracing the Spatiotemporal Process of Information Diffusion in Real Time

“Mislove et al. [9] monitor the spatiotemporal sentiment patterns in twitter using a densitypreserving cartogram visualization [24].”

**METHODOLOGY** Visualization Resources: A Survey

“117 Each country on the map has its size mapped to a user chosen variable, distorting the area of the representation.”

## D. Citing-Institution Prestige & Geography

### Top citing institutions

Institution	Country	World ranking	Citing papers
University College London	United Kingdom	SCImago #30	4
University of Cambridge	United Kingdom	SCImago #63 · THE =3 · QS 6	4
Newcastle University	United Kingdom	THE 144 · QS 137	3
Radboud University	Netherlands	QS 279	2
London School of Economics and Political Science	United Kingdom	SCImago #1403 · THE 52 · QS 56	2
Universitas Diponegoro	Indonesia	—	2
University of York	United Kingdom	SCImago #890 · THE =154 · QS 169	1
Qassim University	Saudi Arabia	SCImago #3217 · THE 601–800 · QS 801-850	1
World Health Organization	Switzerland	SCImago #172	1
London School of Hygiene and Tropical Medicine	United Kingdom	SCImago #802	1
Cambridge Institute for Sustainability Leadership, University of Cambridge	United Kingdom	—	1
Institute of Environmental Sciences and Technology ICTA-Universitat Autònoma Barcelona	Spain	—	1
Cambridge Econometrics	United Kingdom	—	1
American River College	United States	—	1
Kwame Nkrumah University of Science and Technology	Ghana	SCImago #3923 · THE 1201–1500 · QS 1201-1400	1

### Geographic distribution of citing authors

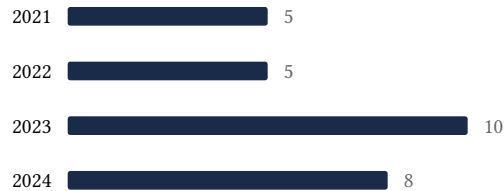
Country	Citing papers
United Kingdom	14
United States	4
China	3
South Africa	3
Netherlands	2
Canada	2
Greece	2
Indonesia	2
Kenya	2
Sweden	2
Hong Kong	1
United Arab Emirates	1

Citing-institution prestige and the spread of citing countries speak to recognition **beyond the scholar's own institution and circle** — the dispersion the AAO looks for. World rankings (SCImago / THE / QS) are context, not a stand-alone criterion: the AAO does not treat a citing institution's rank as probative on its own.

## E. Citation Growth Over Time

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Distinct citing papers by publication year. Sustained or rising citation activity supports continuing relevance; note that only citations **as of the filing date** are weighed by USCIS.



## F. AAO Precedent Considerations

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### Pre-filing self-check (AAO denial patterns)

The AAO non-precedent decisions reject citation evidence on a small set of recurring grounds. Confirm the petition addresses each before filing:

- Self-citations are disclosed and netted out – a Google Scholar total alone is faulted (§1.1).
- Evidence is per individual article, not a body-of-work aggregate total (§1.2).
- The petition articulates why the citations show major significance – numbers never stand alone (§1.5).
- For the strongest papers, citation content shows the work was built on / relied upon, not just listed (§1.6, §2.2).
- Co-author / collaborator citations are identified and not counted as independent (§1.7).
- Recognition is shown beyond the scholar's own institution and circle (§1.8).
- Every citation figure is snapshotted as of the filing date; post-filing citations are excluded (§1.9).
- Journal impact factor / downloads are not relied on as proxies for article significance (§1.10, §1.12).
- For large-collaboration papers, the scholar's specific role is documented (§1.13).
- Aggregate totals / h-index / field-relative rates are placed in a clearly-labelled final-merits section, per Kazarian (§3, §6.1.7).

### Disclaimer

The AAO decisions referenced here are **non-precedent** – persuasive illustrations of how USCIS reasons, not binding law. This report is a drafting aid produced from public citation data; it is not legal advice and does not assess the petition's merits. All analysis must be reviewed by qualified immigration counsel.

## G. Citation Evidence Index

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Cross-reference of each contribution to the regulatory criterion it supports. Counsel should map these to the petition's exhibit numbers.

<b>Contribution</b>	<b>Core paper</b>	<b>Indep. cites</b>	<b>Supports</b>
Contribution 1	The Depths of The Cuts: The Uneven Geography of Local Government Austerity	6	8 CFR 204.5(h)(3)(v) – Criterion 5
Contribution 2	Life expectancy: women now on top everywhere	0	8 CFR 204.5(h)(3)(v) – Criterion 5
Contribution 3	WORLDMAPPER: the world as you've never seen it before	9	8 CFR 204.5(h)(3)(v) – Criterion 5