



Name: Zef Segal

Date: 21/07/2024

CURRICULUM VITAE

1. Personal Details

Electronic Address: zefsegal@gmail.com

2. Higher Education

1. Undergraduate and Graduate Studies

Period of Study	Name of Institution and Department	Degree	Year of Approval of Degree
2009-2013	Tel Aviv University, Department of History	PhD	2013
2005-2008	Tel Aviv University, Department of Mathematics	MSc	2008
2003-2005	Tel Aviv University, Department of Philosophy	MA	2005
2003-2005	Tel Aviv University, Department of Mathematics	BSc	2005
1996-2003	The Open University, Department of History, Philosophy and Jewish Studies	BA	2003

B. Post-Doctoral Studies

Period of Study	Name of Institution, Department and Host	Degree	Year of Completion
2016	The German Historical Institute, Washington DC. Head: Prof. Simone Lässig		2016
2014-2016	Government and Politics Department, Ben Gurion University. Host: Prof. David Newman.		2016



2013-2016	Da'at Hamakom, Center for the Study of Cultures of Place in the Modern Jewish World, The Hebrew University. Host: Prof. Menahem Blondheim.		2016
2013-2015	The Harry S. Truman Research Institute for the Advancement of Peace, Hebrew University. Head: Prof. Menahem Blondheim		2015
2013-2014	Department of General History and Bucerius Institute for Research of Contemporary German History and Society, Haifa University. Host: Dr. Zur Shalev.		2014

3. Academic Ranks and Tenure in Institutes of Higher Education

Dates	Name of Institution and Department	Rank/Position
2024	School of Media Studies, The College of management Academic Studies	Senior Lecturer
2006 – 2023	Department of Computer science, Academic College of Tel Aviv-Jaffa	Teaching fellow
2016 - 2023	Department of History, Philosophy and Judaic Studies, The Open University	Lecturer
2012-2023	Department of Mathematics and Computer Science, The Open University	Lecturer
2022	Research Library Gotha, Erfurt University, Germany	Hiob-Ludolf-Research Fellow
2021	Department of Economics, Tel Aviv University	Teaching fellow
2018-2020	Digital Humanities Program, Haifa University	Teaching fellow
2018 - 2019	Open Media and Information Lab, The Open University of Israel	Research Fellow in Historical Journalism



		and Digital Methodologies
2016-2019	The Hebrew University, Mandel School for Advanced Studies in the Humanities	Teaching fellow
2013-2014	Department of General History, Haifa University	Adjunct Lecturer
2005-2011	Department of Mathematics, Tel Aviv University	Adjunct Lecturer

A. Offices in Academic Administration

- 2022-2023: Member of the steering committee of the interdisciplinary center for Digital Humanities and Social Sciences at the Open University of Israel.
- 2021-2023: Digital Humanities Consultant, the Department of Humanities, The Open University
- 2020-2023: Academic Consultant, the Department of Humanities, The Open University
- 2019-2023: Member, the Academic Committee of Teaching Analytics, The Open University.
- 2018- 2023: Member, the Humanities Academic Sub-committee, The Open University.
- 2017-2020: Member, Board of Governors, Tel Aviv Jaffa Academic College.
- 2018- 2020: Member, the Mathematics and Computer Science Academic Sub-committee, The Open University.

B. Scholarly Positions and Activities outside the Institution

Active roles in professional societies and committees

Historical Network Research Seminar Series Coordinator 2024-present:
[\(https://historicalnetworkresearch.org/\)](https://historicalnetworkresearch.org/)

2024-present: Historical Network Research Board of Directors
[\(https://historicalnetworkresearch.org/\)](https://historicalnetworkresearch.org/)



2021- present: Member of the JHistory Steering Group (JHISTORY is a network for journalism and mass communication historians - <https://networks.h-net.org/jhistory>)

Membership in academic societies:

2024: Member of the Israeli Historical Society

Member of the Association for Education in Journalism and Mass Communication

2023: Member of the Association for Education in Journalism and Mass Communication

2018: Member of the Association for Jewish Studies

2014: Member of the Central European History Society

Editorial positions

2023-2024: Review Editor, JHistory Network

2024: Corresponding Editor, Journalism History

Peer review positions:

Publications:

2024: American Political Science Review; Contemporary Jewry; University of Chicago Press; International Journal of Digital Humanities

2023: Ben Gurion University Publishing House; American Political Science Review; Contemporary Jewry

2022: Mishpat Hevra ve-Tarbut; Journalism Studies; the Material Culture Review/Revue de la culture matérielle ; Journal of Transport History

Grants:

2021 : Israel Science Foundation

Conferences:

2024 : Spatial Humanities 2024; Graph Conference 2025; Historical Network Research 2024

Public Activities



2025: Organizer and faculty member, The 7th Advanced School in the Humanities on Historical Formations of Spatial Knowledge, The Israel Institute for Advanced Studies (IIAS)

2023: Organizer and faculty member, Summer School of Digital Humanities, the Open University of Israel

2020: Faculty member, Winter School of Digital Humanities, the Hebrew University

4. Participation in Scholarly Conferences

1. Active Participation

International

Date	Name of Conference	Place of Conference	Subject of Lecture/Discussion	Role
4 December 2024	<i>Am Olam: The Map of the World in Jewish Eyes throughout History</i>	Haifa	Changing Perceptions of the World in Late-Nineteenth-Century Jewish Journalism	Invited talk
7-11 August 2024	<i>AEJMC</i>	Philadelphia	Using the Tools of Digital Humanities in Journalism History and Media Research	Panelist, presenter
8-10 July 2024	<i>HNR 2024: The Historical Network Research Conference</i>	Lausanne, Switzerland	The Networked Geography of a Newspaper	presenter
1-5 July 2024	<i>ICHHC 2024</i>	Lyon, France	The Jabotinsky-Perlman Atlas (1925) as a Globally Oriented "National Atlas"	presenter
11-12 June 2024	Mappings: Historical Knowledge Research and New Cartographic History	Gotha, Germany	Orange Data Mining: A New Digital Tool in the History of Cartography	Invited Talk
6-10 August 2023	<i>AEJMC</i>	Washington DC	Will ChatGPT Change Everything, Everywhere, All at Once	Panelist



18-21 July 2023	<i>GrapHNR 2023: Graphs and Networks in the Fourth Dimension</i>	Mainz, Germany	Periodicals in Motion: Textual Reuse and the Hebrew Journalistic Networks in the Second Half of the 19th Century	presenter
20-21 April 2023	<i>Comparing Landscapes: Approaches to Space and Affect in Literary Fiction</i>	Bielefeld, Germany	Imagined motion in Haifa: Digitally reading space and time in Ikhtayyi by Emile Habibi	presenter
13-18 February 2023	<i>Borders, Edges and Interfaces, 3rd World Conference Association for Borderlands Studies</i>	Eilat	Borders at the Movies	Invited talks
12-13 January 2023	<i>Territoriality and Its Other, Forschungskolleg Transkulturelle Studien</i>	Gotha, Germany	The Jaobtinsky-Perlman-Atlas (1925) as a Globally Oriented National Atlas	Keynote
16 November 2022	<i>Building Digital Humanities 2022</i>	Sydney, Australia	Defining a place: Digitally reading space and time in Ikhtayyi by Emile Habibi	presenter
22-24 September 2022	<i>Fantastic Geographies: 13th Annual Conference of the Association for Research in the Fantastic</i>	Dortmund, Germany	Imagined motion in Haifa: Digitally reading space and time in Ikhtayyi by Emile Habibi	presenter
7-9 September 2022	<i>Spatial Humanities 2022</i>	Ghent, Belgium	Imagined motion in Haifa: Digitally reading space and time in Ikhtayyi by Emile Habibi	presenter
10 August 2022	<i>The 18th World Congress of Jewish Studies</i>	Jerusalem	Periodicals in Motion: Textual Reuse and the Hebrew Journalistic Networks in the Second Half of the 19th Century	presenter



12 July 2022	<i>Mappings: Historische Wissensforschung-und neue Kartographiegeschichte</i>	Gotha, Germany	Maps on The Move: The Introduction of Motion into Modern Cartography	Invited Talk
4-8 July 2022	<i>ICHHC 2021</i>	Bucharest, Romania	Racial Cartographies: The Dynamics of Spatial Racism	presenter
27-29 June 2022	<i>The Challenges of Schriftbildlichkeit/Iconotextuality for Digital Editions of Diagrammatic Manuscript</i>	Haifa	Topological Similarity as Means of Comparing and Clustering Diagrams	Invited Talk
4 May 2022	<i>ICA Pre-Conference: Reconsidering Empires and Imperialisms in Media and Communication History</i>	Paris, France	Mapping Communication Infrastructures: Colonizing Modern World Maps	presenter
9 April 2022	<i>Towards a brave world: rebuilding Europe after Napoleon</i>	Utrecht, Netherlands	The Foreigner and The Drifter: The Gendarmerie and The Attempt to Limit Movement in 19th Century Germany	presenter
3-5 November 2021	<i>Mobilities in Transition: T2M Conference 2021</i>	Lisbon, Portugal	Maps on The Move: The Introduction of Motion into Modern Cartography	presenter
21-25 September 2021	<i>EADH 2021: Interdisciplinary Perspectives on Data</i>	Krasnoyarsk, Russia	Periodicals in Motion: Textual Reuse and the Hebrew Journalistic Networks in the Second Half of the 19th Century	presenter
28-30 June 2021	<i>Entangled Otherings: Critical Perspectives on the Relationship of Antisemitism and Racism</i>	Gut Sigen, Germany	Race as a Spatial Matter – The Role of Cartographers in the Invention and	presenter



			Affirmation of Racial Categories	
24-27 March 2021	<i>ESSHC 2021</i>	Leiden, Netherlands	From a Local Periodical to a Global Enterprise: Ha-Me'asef, 1896-1914	presenter
12-13 January 2021	<i>#DHJewish - Jewish Studies in the Digital Age</i>	Luxembourg	Constructing the Modern Jewish “Present”: Computational Analysis of Periodical Time Cycles in HaTzfira	presenter
29 September 2020	<i>Mapping Space Mapping Time Mapping Texts</i>	London, UK	Imagined Motion in Haifa: A Digital Reading of the Concepts of Space and Time in <i>Ekhtaye</i> by Emile Habibi	Poster
12-18 July 2020	<i>UMAP '20 Adjunct: Adjunct Publication of the 28th ACM Conference on User Modeling, Adaptation and Personalization</i>	Genoa, Italy	Visualizing Personalized Multifaceted ad-hoc Social Network	Presenter (with Saeed Amal, Mustafa Adam, Peter Brusilovsky, Einat Minkov, and Tsvi Kuflik)
17-20 March 2020	<i>IUI 2020</i>	Cagliari, Italy	Demonstrating Personalized Multifaceted Visualization of People Recommendation to Conference Participants	Demo presentation (with Saeed Amal, Mustafa Adam, Peter Brusilovsky, Einat Minkov, and Tsvi Kuflik)



14-19 July 2019	<i>ICHC 2019</i>	Amsterdam, Netherlands	Putting the World on Paper: Maps and Enlightenment in Early Hebrew Journals	presenter
8-12 July 2019	<i>DH2019</i>	Utrecht, Netherlands	The Periodical as a Geographical Space: the 19 th century Hebrew 'HaZefirah' as a Case Study	presenter
9 March 2019	<i>JCHC2019</i>	New York	Computational Analysis of Historical Hebrew Newspapers: Affordances and Restrictions	Presenter (with Vered Silber-Varod, Nurit Greidinger, Oren Soffer)
16-18 December 2018	<i>the 50th AJS Annual Conference</i>	Boston	"From one end of the Earth [...] unto the other end of the Earth": Changing Perceptions of the World in Late-Nineteenth-Century Jewish Journalism	presenter
27-30 September 2018	<i>the 42nd German Studies Association Conference,</i>	Pittsburgh	"I Can Smell the German Linden Trees... Rolling Against my Doors": Visual Depictions of German Railways in the 19th Century	presenter
1-2 June 2018	<i>the 3rd Transnational Journalism History Conference</i>	Montreal, Canada	From a local periodical to a global enterprise: Ha-Me'asef, 1896-1914	presenter



6-10 August 2017	<i>The 17th World Congress of Jewish Studies</i>	Jerusalem	The Evolution of a Transnational Rabbinical Network: The Periodical "Ha-Me`asef	presenter
9-14 July 2017	<i>The 27th International Conference on the History of Cartography</i>	Belo Horizonte, Brazil	From Sea Voyages to Global Wars: Iconography of Movement in European and American Atlases (1837-1914)	presenter
27 July 2016	<i>Colloquium of the German Historical Institute</i>	Washington DC	The Use of Social Network Analysis in Historical Research	colloquium
18-21 April 2016	<i>ASEN Conference on Nationalism, Migration, and Population Change</i>	London	Inter-German Migration Patterns and National Identities: The "Third Germany" in Mid-Nineteenth Century	presenter
14-15 Jan. 2016	<i>Conference Police Science at the End of the Old Regime, From Theory to Practice</i>	Evora, Portugal	The Foreigner and the Drifter: The Gendarmerie and the Attempt to limit Movement in 19th Century Germany	presenter
12-17 July 2015	<i>The 26th International Conference on the History of Cartography</i>	Antwerp, Netherlands	Geopolitics and the Territorial State: The Representation of New States in German Atlases (1800-1939)	presenter
5-10 July 2015	<i>International Conference of Historical Geographers</i>	London, UK	America on the Responsa Map- Hasidim, Mitnagdlim and the Connection between Distance and Authority	Presenter (with Menahem Blondheim)
13-15 February 2015	<i>Mobilität und Umwelt</i>	Munich, Germany	Representations of 19 th Century Trains and Railways as Natural	presenter

			Phenomenon in the German world	
2-5 January 2015	<i>American Historical Association 129</i>	New York	German Capital Cities: Empowerment and State Construction 1815-1866	presenter
28-31 November 2014	<i>Brit XIV: The Border, a Source of Innovation</i>	Arres, Lille and Mons (France and Belgium)	Infrastructure, Cartography and Movement: Debordering and Rebordering 19th Century Germany	presenter
26-28 September 2014	<i>New Directions in the History of Infrastructure, Interdisciplinary Conference at the Danish Post & Tele Museum</i>	Copenhagen, Denmark	Post and Railway as Creators of Voluntary Territorial Identity in Mid-19th Century Germany	presenter
21-22 March 2014	<i>Die katholische Daispora in Deutschland: Stand und Perspektiven der Forschung</i>	Berlin, Germany	Demarking Church Authority: Spatial Reorganization following the End of the Holy Roman Empire	presenter
22 Aug. 2012	<i>Cartography and Geographical Knowledge in the Public Sphere, IGU pre-conference</i>	Leipzig, Germany	Maps create “space”: The Map and the medium German States in the 19th century	presenter
6-10 Aug. 2012	<i>International Conference of Historical Geographers</i>	Prague, Czech Republic	“The Extensions of Man”: The State and the Postal System: German medium Sized States 1815-1866	presenter

National

Date	Name of Conference	Place of Conference	Subject of Lecture/Discussion	Role
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22 December 2024	<i>The AI and Data Science Center Talks</i>	Tel Aviv	Orange data mining workshop	Invited talk
17 December 2024	<i>Center for Digital Humanities The Hebrew University of Jerusalem</i>	Jerusalem		Invited talk
4-5 November 2024	<i>Jewish Journalism: History and Methodology</i>	Tel Aviv and Jerusalem	Tools in Digital Humanities (with Sinai Rusinek)	Invited talk
5 June 2024	<i>The 19th Chais Conference on the Study of Innovation and Learning Technologies: Learning in the Digital Era</i>	Ra'anana	Innovation in the World of Digital Humanities and Social Sciences Computational Methods: Research and Pedagogy	panelist
21 May 2024	<i>Communication and History: The 47th Annual Israeli Historical Society Conference</i>	Ra'anana	A Global Town Square: The Hebrew Press Network in the Second Half of the Nineteenth Century	presenter
19 March 2024	<i>Critique of Digital Reason</i>	Tel Aviv	Between Signal and Noise: On Truth and Falsehood in Digital Humanities	presenter
9 January 2023	<i>the Israel Academy of Sciences and Humanities</i>	Jerusalem	Views from the East after 1881: The First References to Antisemitism in the Hebrew Press	Invited talk
29 March 2022	<i>The National Forum of Academic Libraries</i>	Tel Aviv	From Cultural Heritage to Digital Collections: The Affordances of Computational Research	invited talk
28 March 2022	<i>Race – Between Biology and Culture</i>	Ramat Gan	Racial Cartographies: Dynamics of Spatial Racism in the Long 19th Century	Invited Talk
10 February 2022	<i>The 2022 Research Day of Tel Aviv Jaffa College</i>	Tel Aviv	Periodicals in Motion: Textual Reuse and the Network of Hebrew	presenter

			Journals in the Second Half of the 19th Century	
30 November 2021	<i>60 Years for Moreshet</i>	Tel Aviv and Giv'at Haviva	Race as a Spatial Matter – The Role of Cartographers in the Invention and Affirmation of Racial Categories	Invited Talk
27 April 2021	<i>Distant Reading and Computational Research in Hebrew Literature</i>	Beer Sheba	Imagined Motion in Haifa: A Digital Reading of the Concepts of Space and Time in Ekhtaye by Emile Habibi	presenter
5 April 2021	<i>Everyone's Holidays in The Media</i>	Ra'anana	The Significance and Uniqueness of Passover in Jewish Culture – A Computational Analysis of Nineteenth Century Hebrew Journalism	Invited Talk
8 December 2020	<i>Software for the Past (SfP): Digital Technologies to Study the Past and Present</i>	Kineret	Constructing the Modern Jewish "Present": Computational Analysis of Periodical Time Cycles in HaTz'fira	presenter
29 December 2019	<i>Annual Israeli Conference of Hebrew Literature</i>	Ra'anana	Imagined Movement in Haifa: Digitally Reading the Space and Time of Achtia by Emile Habibi	presenter
28 May 2019	<i>Info 2018, The 34th Annual Conference</i>	Tel Aviv	The Periodical as a Geographical Space	Invited Talk
22 May 2019	<i>Views to Modernity</i>	Ra'anana	The 'Naturalization' of Technology: Visual Representations of 19th Century Trains and Railways as Natural Phenomenon in the German World	Invited Talk
28 March 2019	<i>Annual Conference on Middle Ages Research</i>	Ra'anana	Digital Middle Ages	Invited Talk

12 September 2018	<i>The Digital Carmel Hackathon</i>	Haifa	The topography of literary texts, Workshop on Mapping Literary Texts using Recogito	Invited Talk
13 June 2018	<i>2018 Research Day of Tel Aviv Jaffa College</i>	Tel Aviv	Arrows and movement: Introducing Movement into Modern Cartography	colloquium
10 December 2017	<i>The Department of History, Philosophy and Jewish Studies, The Israeli Open University</i>	Ra'anana	Iconography of Movement in European and American Atlases (1837-1940)	colloquium
10-13 September 2017	<i>Negotiating the Other, Confronting the Self, German-Israeli Frontiers of Humanities Symposium</i>	Jerusalem	Hermeneutic Digital Humanities: Locating Social Groups in Historical Sources	Invited Talk
29 May 2017	<i>Lived Space, Perceived Space, and Conceived Space: Social Power Relations after the Spatial Turn</i>	Zichron Ya'akob	Was ist der Bayern Vaterland: Forming a Spatial Identity in 19th century Germany	presenter
11 May 2017	<i>Info 2017, The 32nd Annual Conference</i>	Tel Aviv	The Evolution of an international Network: Ha-Me'asef 1896-1904	Invited Talk
4 April 2017	<i>The Annual Conference of History and Philosophy of Science</i>	Ra'anana	The 'Naturalization' of Technology: Visual Representations of 19th Century Trains and Railways as Natural Phenomenon in the German World	presenter
5 January 2017	<i>The Israeli Forum of Environmental History</i>	Tel Aviv	The 'Naturalization' of Technology: Visual Representations of 19th Century Trains, Railways, and Train Station as Natural Phenomenon in the German World	colloquium

12 December 2016	<i>Literature and History: A Look from the Margins (Joint Israel-Canada Academies of Sciences and Humanities)</i>	Jerusalem	The Changing Definition of Primary Sources in Digital History	Invited Talk
10 November 2016	<i>EVA/MINERVA Conference on advanced Technologies of Culture</i>	Jerusalem	The Evolution of an International Social Network: Ha-Me'asef Periodical, 1896-1904	Presenter (with Menahem Blondheim)
27 October 2016	<i>The 3rd Environmental History Conference</i>	Jerusalem	The 'Naturalization' of Technology: Visual Representations of 19th Century Trains and Railways as Natural Phenomenon in the German World	Presenter
24-25 October 2016	<i>TAU – Frankfurt workshop "Neither Peace nor War. Transitions in Europe and the Middle East"</i>	Tel Aviv	Sustaining War: Cartographies of Conflict at a Time of Peace	Invited Talk
31 May- 1 June 2016	<i>Beyond the Written Words</i>	Jerusalem	The 'Naturalization' of Technology: Visual Representations of 19th Century Trains and Railways as Natural Phenomenon in the German World	presenter
19 May 2016	<i>Knowledge and Power, the Annual Israeli Historical Society Conference,</i>	Jerusalem	Reform and Tradition in the Academic World: Post-1815 German States and the Classical University system	presenter
2 March 2016	<i>Colloquium of the Department of General History, Hebrew University</i>	Jerusalem	Non-Euclidean Geometry at the Service of the Understanding of the Jewish Space	colloquium
13-14 Dec. 2015	<i>The Annual Israeli Geographical Association Conference</i>	Jerusalem	International Networks of Halachic Communication: The Jerusalem published Ha-Me'asef 1896-1914	Presenter (with Menahem Blondheim)

23 November 2015	<i>Colloquium of the Department of General History, Ben Gurion University</i>	Beer Sheba	Geopolitics and the Territorial State: The Representation of New States in German Cartography 1800-1939	colloquium
17 November 2015	<i>Movement, Fixation and what lies in between, Ben Gurion University</i>	Beer Sheba	Mobility as a symbol: 19th Century German Railway Cartography	colloquium
8-9 November 2015	<i>The Twelfth Annual Jerusalem Conference on the Digitization of Cultural Heritage</i>	Jerusalem	Spatial Analysis of Jewish Responsa- Research Insights and Innovative Digital Methodologies	Presenter (with Menahem Blondheim)
31 August 2015	<i>Summer Workshop of Elyashar Center, Ben Gurion University</i>	Beer Sheba	Cartographic Representations in the Jewish World	Invited panel
-2 July 2015	<i>Da'at Hamakom Annual Conference</i>	Ma'ale Ha- hamisha	Non-Euclidean Geometry at the Service of the Understanding of the Jewish Space	Colloquium
9 June 2015	<i>Colloquium of the Department of General History, Tel Aviv University</i>	Tel Aviv	Geopolitics and the Territorial State: The Representation of New States in German Cartography 1800-1939	Colloquium
21 April 2015	<i>Maps and Political Imagination, Ben Gurion University</i>	Be'er Sheva	Non-Euclidean Mapping: Escaping the Shackles of Euclidean Geometry in the Representation of Geopolitical Arguments in the Past and in the Present	Colloquium
8 December 2014	<i>Colloquium of the Department of General History, Bar Ilan University</i>	Ramat Gan	Geopolitics and the Territorial State: The Representation of New States in German Cartography 1800-1939	Colloquium
29 September 2014	<i>Da'at Hamakom Annual Conferenc</i>	Ma'ale Ha- hamisha	America on the Responsa Map: Hasidim, Mitnagdim and the Connection between Distance and Authority	Colloquium (with Menahem Blondheim)

10 June 2014	<i>Bucerius Institute Forum</i>	Haifa	The Geopolitics of the Concept of a „Territorial State“	Colloquium
19 June 2014	<i>Truman Institute Forum</i>	Jerusalem	Digital Humanities: an Introduction to GIS and SNA	Colloquium
14 January 2014	<i>Colloquium of the Department of General History, the University of Haifa</i>	Haifa	Maps create “Space”: The Map and the Medium German States in the 19th Century	Colloquium
20 January 2014	<i>the Harry S. Truman Research Institute Colloquium, the Hebrew University</i>	Jerusalem	Communication Patterns and Social Regrouping	Colloquium
16 June 2013	<i>Migration, Refugees, Nomadic, the Annual Israeli Historical Society Conference</i>	Haifa	Inter German Migration Patterns and Transnational Identity: 'Third Germany' in Mid-19th Century	presenter
9 Dec. 2012	<i>Geography without Boundaries, the Annual Israeli Geographical Association Conference</i>	Beer Sheba	Infrastructure, Cartography and Movement: Spatial Perception in 19th Century Germany	presenter
1-5 Feb. 2012	<i>Colloquium on Social, Cultural & Political History (TAU, UCLA, University of Zurich)</i>	Peqi“in	Was ist des Bayern Vaterland?": Bavaria's Spatial Formation, 1815-1866	Colloquium
15 Feb. 2011	<i>Germany and its Neighbors: Borders, Identities, Relations</i>	Tel Aviv	Real, Actual and Imagined Borders: The Creation of German States	presenter
Oct. 2010	<i>In the Enchanted Circle: Jews, Germans and Others in German History, In Honor of Professor Shulamit Volkov</i>	Tel Aviv	Bavaria in the 19th Century: an Integrating or Disintegrating State?	presenter
8 April 2010	<i>Identity and Space, the Annual Israeli Historical Society Conference</i>	Ra’anana	Maps Create Space: The Map and the German States in the 19th Century	presenter



Jan. 2010	<i>Workshop for Young Researchers in German History</i>	Yad Hashmona	Representation and Practices of State Space: The Medium Sized States in Germany in the Years 1815-1866	presenter
March 2008	<i>a Doctorate workshop of Hans Ulrich Wehler</i>	Jerusalem	Between region and state: the spatial identity of the medium German states in the years 1815-1866	presenter

B. Organization of Conferences or Sessions

Date	Name of Conference	Place of Conference	Subject of Conference/ Role at Conference/ Comments	Role
2025	Graph Conference 2025	Mendrisio, Switzerland	Modeling and representing phenomena using Graphs and Networks	Scientific Committee
2024	Spatial Humanities	Bamberg, Germany	Geospatial technologies, such as Geographical Information Systems (GIS), and what they have to contribute to humanities research	Scientific Committee
2024	AEJMC	Philadelphia, USA	A panel on digital humanities tools in journalism history.	Workshop organizer
2024	Historical Network Research 2024	Lausanne, Switzerland	Historical Research using Network Analysis and Visualization	Scientific Committee
2023	<i>The third Association of Border Studies World conference</i>	Eilat	Border research	Organizing committee
6.2020	The International Society for The History of The Map	Online/New York	History of Cartography	ISHMap prize committee

4.2018	Web Archiving: Best Practices for Digital Cultural Heritage	Jerusalem	Digital heritage	Organizing committee
2015-16	A monthly working group on “Movement, Fixation and what lies in between”	Beer Sheva	Border and geopolitics research	Organizing committee
2014-2015	A monthly research working group on “Maps and Political Imagination: Space, Politics and Representation”	Beer Sheva	Border and geopolitics research	Organizing committee
12.2014	Border at the Interface	Beer Sheva	Border and geopolitics research	Organizing committee

C. Invited Lectures\ Colloquium Talks

Date	Place of Lecture	Name of Forum	Presentation/Comments
22 December 2024	Tel Aviv	<i>The AI and Data Science Center Talks</i>	Orange data mining workshop
17 December 2024	<i>Center for Digital Humanities The Hebrew University of Jerusalem</i>	Jerusalem	
4 December 2024	Haifa	<i>Am Olam: The Map of the World in Jewish Eyes throughout History</i>	Changing Perceptions of the World in Late-Nineteenth-Century Jewish Journalism
4-5 November 2024	Tel Aviv and Jerusalem	<i>Jewish Journalism: History and Methodology</i>	Tools in Digital Humanities (with Sinai Rusinek)



11-12 June 2024	Gotha, Germany	Forschungskolleg Transkulturelle Studien, University of Erfurt	Orange Data Mining: A New Digital Tool in the History of Cartography
13-18 February 2023	Eilat	Borders, Edges and Interfaces, 3rd World Conference Association for Borderlands Studies	Borders at the Movies
12-13 January 2023	Gotha, Germany	Territoriality and Its Other, Forschungskolleg Transkulturelle Studien	The Jaobtinsky-Perlman-Atlas (1925) as a Globally Oriented National Atlas (Keynote)
09-Jan-23	Jerusalem	the Israel Academy of Sciences and Humanities	Views from the East after 1881: The First References to Antisemitism in the Hebrew Press
12-Jul-22	Gotha, Germany	Mappings: Historische Wissensforschung-und neue Kartographiegeschichte	Maps on The Move: The Introduction of Motion into Modern Cartography
27-29 June 2022	Haifa	The Challenges of Schriftbildlichkeit/Iconotextuality for Digital Editions of Diagrammatic Manuscript	Topological Similarity as Means of Comparing and Clustering Diagrams
29-Mar-22	Tel Aviv	The National Forum of Academic Libraries	From Cultural Heritage to Digital Collections: The Affordances of Computational Research
28-Mar-22	Ramat Gan	Race – Between Biology and Culture	Racial Cartographies: Dynamics of Spatial Racism in the Long 19th Century
30-Nov-21	Tel Aviv and Giv'at Haviva	60 Years for Moreshet	Race as a Spatial Matter – The Role of Cartographers in the Invention and Affirmation of Racial Categories
05-Apr-21	Ra'anana	Everyone's Holidays in The Media	The Significance and Uniqueness of Passover in Jewish Culture – A Computational Analysis of Nineteenth Century Hebrew Journalism

28-May-19	Tel Aviv	Info 2018, The 34nd Annual Conference	The Periodical as a Geographical Space
22-May-19	Ra'anana	Views to Modernity	The 'Naturalization' of Technology: Visual Representations of 19th Century Trains and Railways as Natural Phenomenon in the German World
28-Mar-19	Ra'anana	Annual Conference on Middle Ages Research	Digital Middle Ages
12-Sep-18	Haifa	The Digital Carmel Hackathon	The topography of literary texts, Workshop on Mapping Literary Texts using Recogito
13-Jun-18	Tel Aviv	2018 Research Day of Tel Aviv Jaffa College	Arrows and movement: Introducing Movement into Modern Cartography
10-Dec-17	Ra'anana	The Department of History, Philosophy and Jewish Studies, The Israeli Open University	Iconography of Movement in European and American Atlases (1837-1940)
10-13 September 2017	Jerusalem	Negotiating the Other, Confronting the Self, German-Israeli Frontiers of Humanities Symposium	Hermeneutic Digital Humanities: Locating Social Groups in Historical Sources
11-May-17	Tel Aviv	Info 2017, The 32nd Annual Conference	The Evolution of an international Network: Ha-Me'asef 1896-1904
05-Jan-17	Tel Aviv	The Israeli Forum of Environmental History	The 'Naturalization' of Technology: Visual Representations of 19th Century Trains, Railways, and Train Station as Natural Phenomenon in the German World
12-Dec-16	Jerusalem	Literature and History: A Look from the Margins (Joint Israel-Canada Academies of Sciences and Humanities)	The Changing Definition of Primary Sources in Digital History

24-25 October 2016	Tel Aviv	TAU – Frankfurt workshop "Neither Peace nor War. Transitions in Europe and the Middle East"	Sustaining War: Cartographies of Conflict at a Time of Peace
27-Jul-16	Washington DC	Colloquium of the German Historical Institute	The Use of Social Network Analysis in Historical Research
02-Mar-16	Jerusalem	Colloquium of the Department of General History, Hebrew University	Non-Euclidean Geometry at the Service of the Understanding of the Jewish Space
23-Nov-15	Beer Sheba	Colloquium of the Department of General History, Ben Gurion University	Geopolitics and the Territorial State: The Representation of New States in German Cartography 1800-1939
17-Nov-15	Beer Sheba	Movement, Fixation and what lies in between, Ben Gurion University	Mobility as a symbol: 19th Century German Railway Cartography
31-Aug-15	Beer Sheba	Summer Workshop of Elyashar Center, Ben Gurion University	Cartographic Representations in the Jewish World
-2 July 2015	Ma'ale Ha- hamisha	Da'at Hamakom Annual Conference	Non-Euclidean Geometry at the Service of the Understanding of the Jewish Space
09-Jun-15	Tel Aviv	Colloquium of the Department of General History, Tel Aviv University	Geopolitics and the Territorial State: The Representation of New States in German Cartography 1800-1939
21-Apr-15	Be'er Sheva	Maps and Political Imagination, Ben Gurion University	Non-Euclidean Mapping: Escaping the Shackles of Euclidean Geometry in the Representation of Geopolitical Arguments in the Past and in the Present
08-Dec-14	Ramat Gan	Colloquium of the Department of General History, Bar Ilan University	Geopolitics and the Territorial State: The Representation of New States in German Cartography 1800-1939

29-Sep-14	Ma'ale Ha-hamisha	Da'at Hamakom Annual Conferenc	America on the Responsa Map: Hasidim, Mitnagdim and the Connection between Distance and Authority
10-Jun-14	Haifa	Bucerius Institute Forum	The Geopolitics of the Concept of a „Territorial State“
19-Jun-14	Jerusalem	Truman Institute Forum	Digital Humanities: an Introduction to GIS and SNA
14-Jan-14	Haifa	Colloquium of the Department of General History, the University of Haifa	Maps create “Space”: The Map and the Medium German States in the 19th Century
20-Jan-14	Jerusalem	the Harry S. Truman Research Institute Colloquium, the Hebrew University	Communication Patterns and Social Regrouping
1-5 Feb. 2012	Peqi“in	Colloquium on Social, Cultural & Political History (TAU, UCLA, University of Zurich)	Was ist des Bayern Vaterland??: Bavaria"s Spatial Formation, 1815-1866

5. Research Grants

A. Grants Awarded

Role in Research	Co-Researchers	Topic	Funded by/ Amount	Year
PI	Menahem Blondheim (PI)	Uniformity and Diversity in the US Press, 1841-1884: A Computational Analysis of Space, Time and Content	ISF/200,000\$ (100,00\$ per PI)	2022-2026
PI		Digitization of nineteenth-century Hebrew journals. Published articles: #D1, D18	The Research Authority of the Open University/ 4,000\$	2022
PI		Maps on the Move: The Introduction of Motion into Modern Cartography	The University of Erfurt/ 2100 €	2021



PI	Oren Soffer (PI)	Periodicals in Motion: The Hebrew Journalistic Networks in the second half of the 19th century. Published articles: #D1, D8, D9, E1, F4	The Research Authority of the Open University/ 33,000\$ (33,000\$ granted to Segal)	2020
PI	Arye Lev (PI), Romina Zigdon (PI), Iris Gaber (PI)	A study on the academic proficiency of first year students in the fields of computer science and engineering	The Research Authority of Tel Aviv Jaffa College/ 5,000\$ (Sum undivided)	2020
PI	Oren Soffer (PI)	Laboratory grant in support of an OCR improvement of nineteenth-century Hebrew journals. Published articles: #D1, D3, D5, D8, D9, D10	The Research Authority of the Open University/ 12,000\$ (Sum undivided)	2019
PI		Making Skin Color a Spatial Matter: The Role of Cartographers in the Invention of Racial Color Schemes. Published articles: #B2, D4, E5, K2	German Historical Institute in Washington DC/ 10,000\$	2016
PI		Practices and Representations of the State Space: The Medium Sized German States in the Years 1815-1866. Published articles: #A1, D15, D16, E7, E8	DAAD/ 10,000\$	2009

B. Submission of Research Proposals – Not Funded

Role in Research	Co-Researchers	Topic	Funded by	Year	Score
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PI	Sarel Cohen (PI), Friedrich Tobias (PI)	Navigating Collective Memory: Network Analysis of Historical References in the 19th Century Press	GIF	2025-2027	
PI	Menahem Blondheim (PI), Lev Muchnik (PI)	Connecting Diasporas: Hebrew Journalistic Networks in the Second Half of the 19th Century	Science Ministry	2021	
PI	Oren Soffer (PI)	Periodicals in Motion: The Hebrew Journalistic Networks in the second half of the 19th century	ISF	2020	very good

6. Scholarships, Awards and Prizes

2021: Hiob-Ludolf-Fellowships, University of Erfurt.

2020: Waterloo Centre for German Studies Book Prize Shortlist for 2019, for *The Political Fragmentation of Germany: Formation of German States by Infrastructures, Maps, and Movement, 1815-1866*.

2020: Award of Research Excellence from the Open University

2019: Research-In-Progress award of JJCHC 2019 for “Computational Analysis of Historical Hebrew Newspapers”, with Vered Silber-Varod, Nurit Greidingher & Oren Soffer.

2018: Association for Jewish Studies, travel grant to the annual conference.

2017: Academic College of Tel Aviv Jaffa award for outstanding lecturers.

2017: The state of Minas and Gerais, Brazil, travel grant to Belo Horizonte

2016: Academic College of Tel Aviv Jaffa award for outstanding lecturers.

2016: German Historical Institute in Washington DC Fellowship in the History of Race and Ethnicity

2015: American Friends of the J.B.Harley Research Fellowships travel grant to Antwerp.



- 2015: Rachel Carson Center for Environment and Society, Munich travel grant.
- 2014: Cusanuswerk, travel grant to Berlin.
- 2013: Haifa University, Presidential fellowship award.
- 2013: Academic College of Tel Aviv Jaffa award for outstanding lecturers.

7. Teaching

1. Courses Taught in Recent Years

Year	Name of Course	Type of Course Lecture/Seminar/ Workshop/High Learn Course/ Introduction Course (Mandatory)	Degree	Number of Students
2025-	Introduction to Political Communication	Introduction Course	BA	30
2025-	Disruptive Technology in a Digital Age	Introduction Course	BA	30
2024-	The History of Ideas in the West	Introduction Course	BA	30
2024-	Excel	Workshop	BA communications	30
2024-	Statistics	Introduction Course (Mandatory)	BA communications	75
2024-2022	Culture at the Age of the Enlightenment: Private Sphere	Lecture	BA humanities	20
2024 - 2022	Who's Afraid of Numbers: Mathematics and Computation for the Humanities	Lecture	BA Digital Humanities	20



2024 - 2021	Chapters in the History of Science	Lecture	BSc Sciences	20
2024 - 2006	Discrete Mathematics	Introduction Course (Mandatory)	BSc Computer Sciences	70
2023, 2019	Mobility, Communication and Space in the 19th Century, Classic and Digital Approaches to Historical Research	Seminar	MA History	25
2023 - 2015	Mathematical Reasoning	Introduction Course (Mandatory)	BSc Computer Sciences	70
2023 - 2015	The History of Mathematics: From ancient Greece until the Time of Euler	Lecture	BSc Mathematics	20
2023 - 2006	Introduction to Probability	Introduction Course (Mandatory)	BSc Computer Sciences	70
2023 - 2006	Calculus 1 and 2	Introduction Course (Mandatory)	BSc Computer Sciences	70
2022- 2020	History, Society, and Social Sciences	Seminar	MA History	30
2021 - 2020	Mathematical Methods for Economists	Lecture	BEcon	30
2021 - 2016	Culture at the Age of the Enlightenment: the 18 th Century in France, Great Britain and Germany	Lecture	BA humanities	20
2020 - 2018	Visualization in Digital Humanities: Representations of	Introduction Course (Mandatory)	BSc digital humanitie	10



	Space, Time and Networks			
2020 - 2016	Digital Humanities, with an emphasis on Social Network Analysis and Geographic Information Systems	Lecture/workshop	MA digital humanities	15
2020	Dissertation workshop for the History Department	Workshop	MA history	20
2018 - 2006	Linear Algebra 1 and 2	Introduction Course (Mandatory)	BSc Computer Sciences	70
2015 – 2014	State Construction in the German Space from the Mid-19 th Century to the End of the Weimar Republic	Seminar	MA history	20

8. Professional Experience

2013- 2023: The Israeli Orienteering Association, National teams' manager, and Member of the Board of Directors.



9. PUBLICATIONS

1. Ph.D. Dissertation

1. **Zef Segal**, "Practices and Representations of the State Space: The Medium Sized German States in the Years 1815-1866" (Tel Aviv University: PhD. Dissertation, 2013), 422 pp. Supervisor: Shulamit Volkov. [Hebrew] #A1

2. Scientific Books (Refereed)

A. Authored Books – Published

1. **Zef Segal**, *The Political Fragmentation of Germany: Formation of German States by Infrastructures, Maps, and Movement, 1815-1866* (Cham: Palgrave Macmillan, 2019). WCGS Book Prize Shortlist for 2019. 278 pp. <https://doi.org/10.1007/978-3-030-19827-5> (11 citations)
 - 1.a. **Zef Segal**, *Die politische Zersplitterung Deutschlands: Deutsche Staatenbildung durch Infrastrukturen, Karten und Bewegung, 1815-1866* (Cham: Springer Nature, 2024) (German). 302 pp. <https://doi.org/10.1007/978-3-031-44571-2>
2. **Zef Segal**, *Culture in the Age of the Enlightenment: Introductory Unit* (Raanana: The Open University of Israel, 2017) (Hebrew). 92 pp.

Textbooks- Published

3. **Zef Segal** and Nurit Melnik, *Who's Afraid of Numbers: Math and Computation for the Humanities* (Raanana: The Open University of Israel, 2022) (Hebrew, digital format). 75,000 words.

Authored Books - Accepted for Publication

4. **Zef Segal**, *Culture in the Age of the Enlightenment: Reshaping the Private Sphere* (Raanana: The Open University of Israel, forthcoming) (Hebrew). 520 pp.



B. Edited Books and Special Journal Issues – Published

1. Dorinda Outram, *The Enlightenment*, translated to Hebrew by Yoram Sade (Ra'anana: The Open University of Israel, 2022), 275 pp. Introduction, Comments, and Scientific Editing: **Zef Segal**. (48 pages, Hebrew)
2. **Zef Segal** and Bram Vannieuwenhuyze, *Motion in Maps, Maps in Motion: Mapping Stories and Movement through the Time* (Amsterdam: Amsterdam University Press, 2020). 184 pp. <https://doi.org/10.1515/9789048542956> (7 citations)

C. Other Scientific Publications:

Published

1. **Zef Segal** (ed.), *Mobility, Communication, and Space in the 19th Century: "Classic" and "Digital" Approaches to History* (Raanana: The Open University of Israel, 2019). 432 pp. (Hebrew).

D. Articles in Refereed Journals

Published

1. **Zef Segal**, "Between Science and Commercialism: Maps in a 19th Century Hebrew Journal", *The Communication Review* 27.2 (2024), 197-218. (Q3 JCI ranking, IF 1.9) <http://dx.doi.org/10.1080/10714421.2024.2331031>.
2. **Zef Segal**, "'I Can Smell the German Linden Trees... Against my Door': Natural Railways in German Landscape Pictures and Postcards," *Zemanim* 149 (2024), 12-21. (Hebrew)
3. **Zef Segal**, "Fake News in the Early Hebrew Newspaper: Sensationalist Journalism within an Objective Journal, HaTzifira 1874", *Journalism History* 49 (2023), 300-



315. (Q4 SJR ranking) <https://doi.org/10.1080/00947679.2023.2266175>.
4. **Zef Segal**, “Cartographies raciales : vers un racisme mis en espace”, *Cartes & géomatique* 252 (2023), 85-98. (French) 10.62437/cixz354cwvtgnj7
5. **Zef Segal**, “‘From One End of the Earth to the Other End of the Earth’: Changing Perceptions of the World in Late-Nineteenth-Century Hebrew Journalism,” *Jewish Studies Quarterly* 29.4 (2022), 389-411. (Q1 JCI ranking, IF 0.2) <https://doi.org/10.1628/jsq-2022-0023>.
6. **Zef Segal**, “The ‘Naturalization’ of Railways: The Visual Representations of Nineteenth Century German Trains,” *Journal of Transport History* 43.2 (2022), 232-255. (Q1 JCI ranking, IF 0.7) <https://doi.org/10.1177/00225266211031177>.
7. **Zef Segal**, “From a Local Periodical to a Global Enterprise: Ha-Me’asef, 1896- 1914”, *Journal of Historical Network Research* 6.1 (2021), 192-219. <https://doi.org/10.25517/jhnr.v6i1.89>.
8. **Zef Segal** & Oren Soffer, “One Journal, One Decade, 3,797,592 Words: Computational Analysis of HaTzifira’s Discourse (1874–1883),” *Journal of Jewish Studies* 72.2 (2021), 369-396. (Q2 JCI ranking, IF 0.3) <https://doi.org/10.18647/3508/jjs-2021> (1 citation)
9. **Zef Segal** & Oren Soffer, “From Weekly to Daily: Computational Analysis of Periodical Time Cycles,” *Journalism Studies* 21.14 (2020), 1952-1972. (Q1 JCI ranking, IF 3.45) <https://doi.org/10.1080/1461670X.2020.1807394>. (6 citations)
10. Oren Soffer, **Zef Segal**, Nurit Greidinger, Sinai Rusinek, & Vered Silber-Varod, “Computational Analysis of Historical Hebrew Newspapers: Proof of Concept,” *Zutot - Perspectives on Jewish Culture* 17 (2020), 97-110. (Q2 JCI ranking, IF 0.1) <https://doi.org/10.1163/18750214-12171087>. (3 citations)



11. **Zef Segal**, "A Letter to our Authors: The Problem of False News in Hatsfira, 1874," *Kesher* 52 (2019), 15-20. (Hebrew) <https://www.istor.org/stable/26948858>.
12. **Zef Segal**, "The Two Edged Sword: German Capital Cities Empowerment and State Construction during the Nineteenth Century, 1815- 1866," *Journal of Historical Geography* 60 (2018), 52-63. (Q1 JCI ranking, IF 1.2) <https://doi.org/10.1016/j.jhg.2017.12.005>. (4 citations)
13. **Zef Segal** & Menahem Blondheim, "America on the Responsa Map: Hasidim, Mitnagdim and the Trans-Atlantic Social Network of Religious Authority," *American Jewish History* 102 (2017), 133-153. (Q2 JCI ranking, IF 0.1) [doi:10.1353/ajh.2018.0007](https://doi.org/10.1353/ajh.2018.0007). (1 citation)
14. **Zef Segal** & Menahem Blondheim, "The Evolution of an International Social Network: Ha-Me'asef Periodical in the years 1896-1904", *Kesher* 50 (2017), 150-156. (Hebrew) <https://www.istor.org/stable/26936864>.
15. **Zef Segal**, "Regionalism and Nationalism in German Railway Cartography during the mid-Nineteenth Century," *Imago Mundi* 68.1 (2016), 46-61. (Q3 JCI ranking, IF 0.29) <https://doi.org/10.1080/03085694.2016.1107374>. (4 citations)
16. **Zef Segal**, "Nationalizing the Global and the Local: Demarcating Church Authority in German States following the End of the Holy Roman Empire," *Wichmann-Jahrbuch des Diözesangeschichtsvereins Berlin* 54-55 (2015), 40-56.
17. **Zef Segal**, "Communication and State Construction: The Postal Service in the Medium sized German States, 1815-1866," *The Journal of Interdisciplinary History* 44.4 (2013), 453-473. (Q1 JCI ranking, IF 0.874) https://doi.org/10.1162/JINH_a_00610. (12 citations)
 - a. **Zef Segal**, "Comunicazioni e formazione dello Stato. Il servizio postale negli



Stati tedeschi, 1815-1866," *Archivio per la Storia Postale* 9 (2017), 59-80.

(Italian).

Accepted for Publication

18. **Zef Segal**, "Immigration as a News Item: Attitudes towards Jewish Immigrants the 19th Century Hebrew Press", *Studies in Contemporary Jewry*. 20 pages.

E. Articles or Chapters in Scientific Books (which are not Conference Proceedings)

Published

1. **Zef Segal**, "Constructing the Modern Jewish 'Present': Time and Time Cycles in 'HaTzifira'", in Gerben Zaagsma (ed.), *Jewish Studies in the Digital Age* (Berlin: De Gruyter, 2022), 245-268. <https://doi.org/10.1515/9783110744828-012>
2. **Zef Segal**, "Introduction to the Israeli edition," in Dorinda Outram, *The Enlightenment* (Raanana: The Open University of Israel, 2022), 19-27 (Hebrew).
3. **Zef Segal** & Menahem Blondheim, "Responsa Between Two Worlds: America, Eastern Europe, & the Connection Between Distance and Authority at the Turn of the 19th Century," in Menahem Blondheim and Hananel Rosenberg (eds.), *Communication in the Jewish Diaspora: Two Thousand Years of Saying Goodbye without Leaving* (New York: Israel Academic Press, 2020), 330-348.
4. **Zef Segal**, Jörn Seemann, & Bram Vannieuwenhuyze, "Introduction," in **Zef Segal** and Bram Vannieuwenhuyze (eds.), *Motion in Maps, Maps in Motion: Mapping Stories and Movement through the Time* (Amsterdam: Amsterdam University Press, 2020), 13-32. <https://doi.org/10.1515/9789048542956-003>
5. **Zef Segal**, "Flow Mapping through the Times: The Transition from Harness to Nazi Propoganda," in **Zef Segal** and Bram Vannieuwenhuyze (eds.), *Motion in Maps, Maps in*



Motion: Mapping Stories and Movement through the Time (Amsterdam: Amsterdam University Press, 2020), 81-104. <https://doi.org/10.1515/9789048542956-006> (2 citations)

6. **Zef Segal**, "Post and Railway 'Right of Way': Infrastructures as Delimiters of Voluntary Territorial Identities in Mid-Nineteenth Century Germany," in Andreas Marklund and Mogens Rüdiger (eds.), *Historicizing Infrastructure: History, Materiality and Human Agency in the Study of Infrastructure* (Copenhagen: Aalborg University Press, 2017), 51-82.
7. **Zef Segal**, "Infrastructure, cartographie et circulation: ouverture et fermeture des frontières du royaume de Bavière au 19^{ème} siècle", in Sylvie Considère and Thomas Perrin (eds.), *Frontières et représentations sociales: questions et perspectives méthodologiques* (Louvain-la-Neuve: Harmattan-Academia, 2017), 297-320. (French)
8. **Zef Segal**, "Real, Actual and Imagined Borders – State Construction in the »Third Germany«" in Jose Brunner and Iris Nachum (eds.), *Die Deutschen als die Anderen: Deutschland in der imagination seiner Nachbarn* (Göttingen: Wallstein, 2012), 21-43.

Accepted for Publication

1. **Zef Segal**, "The Fantastic Geographies of Ikhtayyi by Emile Habibi" in Christian Lenz, Sarah Neef and Kristin Aubel (eds.), *Fantastic Geographies* (Newcastle-upon-Tyne: Cambridge Scholars Publishing). 20 pages.
2. **Zef Segal**, "Mapping Emerging States" in Roger J.P. Kain (Ed.), *Cartography in the Nineteenth Century* (Chicago: University of Chicago Press). 10 pages.

F. Articles in Conference Proceedings



Published

1. Saeed Amal, Mustafa Adam, Peter Brusilovsky, Einat Minkov, **Zef Segal** and Tsvi Kuflik, “Visualizing Personalized Multifaceted ad-hoc Social Network,” *UMAP '20 Adjunct: Adjunct Publication of the 28th ACM Conference on User Modeling, Adaptation and Personalization* (Genoa, 2020), 101-102. <https://doi.org/10.1145/3386392.3397606> (1 citation)
2. Saeed Amal, Mustafa Adam, Peter Brusilovsky, Einat Minkov, **Zef Segal** and Tsvi Kuflik, “Demonstrating Personalized Multifaceted Visualization of People Recommendation to Conference Participants,” *IUI '20: Proceedings of the 25th International Conference on Intelligent User Interfaces Companion* (New York: Association for Computing Machinery, 2020), 49-50. <https://doi.org/10.1145/3379336.3381455> (5 citations)

Abstracts:

3. **Zef Segal**, “The networked geography of a newspaper”, *Historical Network Research 2024*, Lausanne, July 10, 2024. DOI: 10.5281/zenodo.1260605
4. **Zef Segal**, “Imagined motion in Haifa: Digitally reading space and time in Ikhtayyi by Emile Habibi”, *Spatial Humanities*, July 6 2022. [10.5281/zenodo.6801102](https://doi.org/10.5281/zenodo.6801102)

H. Other Scientific Publications

Published

Book reviews

1. **Zef Segal**, *Welt-Bildner. Arno Peters, Richard Buckminster Fuller und die Medien des Globalismus, 1940–2000*, David Kuchenbuch. Böhlau Verlag, Vienna (2021). Review in: *Central European History* 56 (2023), 332-333. (Q1 JCI ranking)
<https://doi.org/10.1017/S0008938923000298>



2. **Zef Segal**, Historical Geography, GIScience and Textual Analysis: Landscapes of Time and Place, Charles Travis, Francis Ludlow, Ferenc Gyuris (Eds.). Palgrave Macmillan, Cham (2021). Review in: *Historical Geography* 49 (2023), 135-137. (Q2 SJR ranking) [10.1353/hgo.2021.0022](https://doi.org/10.1353/hgo.2021.0022)
3. **Zef Segal**, Conference Report "International Affairs and the Politics of Memory: German-Jewish-Israeli Relations after the Holocaust," Haifa, 12.01.2014-14.01.2014, in *H-Soz-u-Kult* (May 2014). <https://www.hsozkult.de/conferencereport/id/tagungsberichte-5381>.

Blog Posts

4. **Zef Segal**, "The Futile Attempt to Limit Movement: The Gendarmerie in the 19th-century mid-sized German States", *Security History Network*, 14 September 2022, <https://securityhistorynetwork.com/2022/09/14/segal-movement-gendarmerie-19century/>. (Blog post, 1000 words including footnotes)

Public Databases

5. **Zef M. Segal**, "Ikhtayyi - Mapping a Novel", Ann Arbor, MI: Inter-university Consortium for Political and Social Research [distributor], 2024-08-01. <https://doi.org/10.3886/E208249V1>

Accepted for Publication

6. **Zef Segal**, *Against the Map: The Politics of Geography in Eighteenth Century Britain*. Adam Sills. University of Virginia Press, Charlottesville (2021). Review in: *Historical Geography* (forthcoming). (Q2 SJR ranking), 3 pages.



I. Other Publications

1. **Zef Segal**, “Technological Humanities”, *Adraba – a Podcast of the Open University and Galei Tzahal*, 14 February 2023, <https://omny.fm/shows/adraba/dc577a03-232b-455b-be13-afa900a52f2b>. (Podcast)
2. **Zef Segal**, “Textual Reuse in Journalism: Exploring the Early History of Hebrew Journalism with a Computer”, *The Digital Channel of Zefat Academic College*, 19 May 2022, <https://youtu.be/ORDzEfEMYWY> . (Podcast)
3. **Zef Segal**, “An Analog Language in a Digital World”, *Askola* 6 (2021), 28-31 (Hebrew). <https://www.openu.ac.il/publications/ascola/pages/ascola6.aspx>

K. Submitted Publications

Books:

1. **Zef Segal** and Nurit Melnik, *Computational Literacy for the Humanities: Mathematics and Programming in Context* (London: Routledge). Under contract. 100,000 words.

Articles in refereed journals:

2. **Zef Segal**, “Static and Dynamic Racial Cartographies: On Geo-racialization and Jewish Exceptionality”, submitted to *Patterns of Prejudice* (Q1 JCI ranking, IF 1.48). 25 pages.

Chapters in books:

3. **Zef Segal**, “Defining a place: Digitally reading Space and Time in Ikhtayyi by Emile Habibi” in Robin M. Aust, Giulia Grisot, and Berenike Herrmann (eds.), *Comparing Landscapes. Approaches to Space and Affect in Literary Fiction* (Bielefeld: Bielefeld



University Press). 20 pages.

H-Index: 5

L. Summary of my Activities and Future Plans

My research focuses on exploring the historical interrelationships between communication, transportation, and media networks, and how these dynamic interactions shaped social, cultural, and spatial perceptions in 19th-century Europe. Rather than viewing political territories as static entities, my work adopts a transnational perspective, examining how states and national identities were formed through contested and multi-faceted processes involving institutional infrastructures, cartographic representations, and human flows. My methodological approach combines "classical" historical methodologies with contemporary interdisciplinary approaches, incorporating spatial theories and digital tools such as GIS and SNA.

A significant aspect of this research lies in the field of digital humanities, where I examine media, particularly cartography and journalism, through the lens of cultural and historical perspectives, as well as actor-network theory and computational data analysis. My work views societies as inherently dynamic, mobile, and interconnected, with constant dialogues between universalizing and particularistic agendas.

I am currently working on three primary research projects. The first is a study titled "Periodicals in Motion: The Hebrew Journalistic Networks in the second half of the 19th century," which uses computational tools to analyze the emergence and structure of a Hebrew periodical network across Europe during the late 19th century. This project aims to uncover the textual and social relations within this network through text reuse analysis, providing both methodological and historical insights into the role of the Hebrew press in the evolving national movement. My second project, "Maps on The Move: The Introduction of Motion into Modern Cartography," explores how the depiction of movement, such as winds, ocean



circulation, transportation, and migration, gradually became integrated into European and American cartography during the 19th and 20th centuries. By examining the shifting iconography of motion in commercial atlases and maps, this research seeks to shed light on the cultural, political, and geopolitical implications of the history of modern mobility. I intend to publish this research as a book, covering the history of mapping motion.

My third future endeavor, "Uniformity and Diversity in the US Press, 1841-1884: A Computational Analysis of Space, Time and Content," utilizes computational methods to analyze the characteristics of the U.S. journalistic network during a pivotal period marked by both processes of national integration and ideological/sectional diversity. This project not only seeks to interpret these divergent trends but also aims to advance the application of computational tools for studying large corpora of historical American newspapers. Further projects, such as the grant proposal to GIF, have already begun developing along this premise.

On a broader scale, I aim to develop a methodology of analyzing the interrelations between the content and flow (Geographical and temporal) of media networks, such as journals, as well as integrate computational tools and methodologies into media research.