

5^o CONGRESSO
INTERNACIONAL
SOBRE
AMBIÊNCIAS

5th INTERNATIONAL CONGRESS ON AMBIANCES

08 a 11 OCT 2024 • LISBON - RIO DE JANEIRO • PORTUGAL - BRAZIL

SENSORY EXPLORATIONS

AMBIANCES IN A CHANGING WORLD

VOLUME 1

LISBON



UNIVERSIDADE
LUSÓFONA

ambiances

RÉSEAU INTERNATIONAL
INTERNATIONAL NETWORK



UFRJ

5^o CONGRESSO
INTERNACIONAL
SOBRE
AMBIÊNCIAS
5TH INTERNATIONAL CONGRESS ON AMBIANCES

**SENSORY
EXPLORATIONS**
AMBIANCES IN A CHANGING WORLD

Lisbon and Rio de Janeiro, October 8th to 11th.

Edited by

Mohammed Boubezari | Cristiane Rose Duarte | Ethel Pinheiro



ambiances
| RÉSEAU INTERNATIONAL
INTERNATIONAL NETWORK |



32 L00

SENSORY EXPLORATIONS, AMBIANCES IN A CHANGING WORLD

- 34** Multi-disciplinary contributions to atmosphere/ambiance | Contributos multidisciplinares para atmosfera/ambiente
Serkan Can Hatipoğlu | Mustafa Bekmezci | Gökçe Ketizmen | Mehmet İnceoğlu
- 46** Multimodal ambiances of tourism in lisbon: exploring locals' gazes
Camilo Leon-Guijano
- 48** The use of bim methodology to optimise the licensing process for architectural projects | O uso da metodologia bim para a otimização do processo de licenciamento de projetos de arquitetura
Mayra De Souza Santos
- 60** The port and the city, inheritance, permanence and ruptures: a case study of Rio de Janeiro. | O porto e a cidade, heranças, permanências e rupturas: um estudo do caso do Rio de Janeiro.
Thereza Carvalho | Wandilson G. De Almeida Júnior | Alex Lamounier
- 72** Emphasizing diversity for enhancing urban walkability comprehension: integrating land use diversity and poi diversity
Qi Cao
- 88** For a collaboration of intervals
Paul Girard, Philippe Nys
- 90** Embodied vibrations: exploring interactive audio systems in the alienating realm | Vibrações incorporadas: explorando sistemas de áudio interativos no reino alienante
Dimitris Batsis | Magdalini Grigoriadou
- 100** “Disneylandisation” as a technique of altering the state of conscience through sensorial influx | “Disneylandização” como uma técnica de alteração do estado de consciência através do influxo sensorial
- 110** The neurodivergent body in motion: mapping the autistic sensory experience of the walkable urban space | O corpo neurodivergente em movimento: mapeando a experiência sensorial autística do espaço urbano caminhável
Dr Carolina Vasilikou | Jane Elizabeth Bennett
- 112** Walking and experiencing the other: case of several choreographic projects / Caminhar e ressentir o outro: o caso de alguns projetos coreográficos
Ekaterina Shamova
- 114** The city and mobility under the light of systemic thinking. | A cidade e a mobilidade sob a luz do pensamento sistêmico
Silva / Renan Durval Aparecido
- 126** Analysis of road safety in the metropolitan region of maceió: application of safe systems and vision zero principles | Análise da segurança viária na região metropolitana de maceió: aplicação dos princípios de sistemas seguros e visão zero
Antônio Alberto Monteiro De Souza | Emanuel Davi Medeiros | Laryssa Karen da Silva Souza | Taís Emanuelle da Silva Araújo

140 L03

ARCHITECTURE AND HEALTH

- 142** Reflection of mental health on the different ambiances of living spaces | Reflexão da saúde mental nos diferentes ambientes dos espaços de vida
Emna Ghanouchi | Hind Karoui
- 156** Virtual environments and mental health: data-based decisions for better comfort and well-being | Ambientes virtuais e saúde mental: decisões baseadas em dados para melhor conforto e bem-estar
Sana Layeb | Safa Elkefi

Chairs

LISBON

Mohammed Boubezari

RIO DE JANEIRO

Cristiane Rose Duarte
Ethel Pinheiro

Steering Committee

Mohammed Boubezari, Cristiane Rose Duarte, Damien Masson,
Ethel Pinheiro and Nicolas Remy.

Organising Committee

LISBON

Walber Angeline Neto, Isabel Barbas, Joaquim Borges Martins, Mohammed Boubezari,
Paulo Coutinho, Serkan Can Hatipoğlu, Ghadir Hummeid, Sílvia Suárez.

RIO DE JANEIRO

Alda Ferreira, Barbara Thomaz, Cândida Zigoni, Felipe Barros, Fernanda Freitas,
Fernando Mathias, Ilana Sancovschi, Katia de Paula, Lúgia Castanheira, Nataly Carvalho,
Pamela Paris, Sonia Fragozo, Taiane Marcela Alves.

Scientific Committee

Amal ABUDAYA , Laboratoire AAU, CRESSON, France
Peter ADEY, Royal Holloway University of London, UK
Pascal AMPHOUX, Laboratoire AAU, CRESSON, France
Niels ALBERTSEN, Aarhus School of Architecture, Denmark
Suzel BALEZ, Laboratoire AAU, CRESSON, France
Olivier BALAŤ, Laboratoire AAU, CRESSON, France
Giselle Arteiro Nielsen AZEVEDO, Universidade Federal do Rio de Janeiro - UFRJ, Brazil
Alia BEN AYED, Ecole Nationale d'Architecture et d'Urbanisme, Laboratoire ERA, Tunisia
Paola BERENSTEIN JACQUES, Universidade Federal da Bahia, Brazil
Arnold BERLEANT, Long Island University, USA
Emeline BAILLY, CSTB, France
Mikkel BILLE, Roskilde University, Denmark
João BORGES DA CUNHA, Universidade Lusófona, Lisbon, Portugal
Anne BOSSE, Laboratoire AAU, Crenau, France
Mohammed BOUBEZARI, Universidade Lusófona, Lisbon, Portugal
Laure BRAYER, Laboratoire AAU, CRESSON, France
Jose-Luis CARLES, Universidad Autonoma de Madrid, Spain

Congress Organization

Grégoire CHELKOFF, Laboratoire AAU, CRESSON, France
Carlos SMANIOTTO COSTA, Universidade Lusófona, Lisbon, Portugal
Claude DEMERS, UQAM, Canada
Laurent DEVISME, Laboratoire AAU, Crenau, France
Cristiane Rose DUARTE, Universidade Federal do Rio de Janeiro – UFRJ, Brazil
Fabiana DULTRA BRITTO, Universidade Federal da Bahia, Brazil
Tim EDENSOR, University of Manchester, UK
Gleice Azambuja ELALI, Universidade Federal do Rio Grande do Norte, Brazil
Auxiliadora GALVEZ PEREZ, San Pablo C.E.U EPS Faculty of Architecture, Spain
Matthew GANDY, University of Cambridge, UK
Tonino GRIFFERO, University of Rome, Tor Vergata, Italy
David HOWES, Université Concordia, Canada
Helmi JÄRVILUOMA-MÄKELÄ, University of Eastern Finland, Finland
Andrea JELIC, KU Leuven, Belgium
Evelyn Werneck LIMA, Universidade Federal do Estado do Rio de Janeiro, Brazil
Thomas LEDUC, Laboratoire AAU, Crenau, France
Laurent LESCOP, Laboratoire AAU, Crenau, France
Philippe LIVENEAU, Laboratoire AAU, CRESSON, France
Théa MANOLA, Laboratoire AAU, CRESSON, France
Théo MARCHAL, Laboratoire AAU, CRESSON, France
Damien MASSON, Université de Cergy-Pontoise, France
Diogo MATEUS, Universidade Lusófona, Lisbon, Portugal
Olfa MEZIOU, Ecole Nationale d'Architecture et d'Urbanisme, Laboratoire ERA, Tunisia
Cybelle Salvador MIRANDA, Universidade Federal do Pará, Brazil
Cristina PALMESE, Universidad Europea de Madrid, Spain
Evangelia PAXINOI, Laboratoire AAU, CRESSON, France
Ethel PINHEIRO, Universidade Federal do Rio de Janeiro – UFRJ, Brazil
Andrea Queiroz REGO, Universidade Federal do Rio de Janeiro – UFRJ, Brazil
Nicolas REMY, Université de Thessalie, Greece
Luís Cláudio RIBEIRO, Universidade Lusófona, Lisbon, Portugal
Ignacio REQUENA, Laboratoire AAU, Crenau, France
Myriam SERVIERES, Laboratoire AAU, Crenau, France
Luiz de Jesus Dias da SILVA, Universidade Federal do Pará, Brazil
Paul SIMPSON, University of Plymouth, UK
Daniel SIRET, Laboratoire AAU, Crenau, France
Aleksandar STANIČIĆ, TU Delft, Holland
Shanti SUMARTOJO, Monash University, Australia
Vera Regina TANGARI, Universidade Federal do Rio de Janeiro – UFRJ, Brazil
Jean-Paul THIBAUD, Laboratoire AAU, CRESSON, France
Rachel THOMAS, Laboratoire AAU, CRESSON, France
Vincent TOURRE, Laboratoire AAU, CRESSON, France
Nicolas TIXIER, Laboratoire AAU, CRESSON, France
Carolina VASILIKOU, University of Reading, UK
Maísa VELOSO, Universidade Federal do Rio Grande do Norte, Brazil
Martin WELTON, Queen Mary University of London, UK
Izabella WIECZOREK, University of Reading, UK

LOO

**MULTI-DISCIPLINARY CONTRIBUTIONS
TO ATMOSPHERE/AMBIANCE**

**CONTRIBUTOS MULTIDISCIPLINARES
PARA ATMOSFERA/AMBIENTE**

Serkan Can Hatipođlu

Faculty Member
Eskisehir Technical University
serkanch@eskisehir.edu.tr

Mustafa Bekmezci

Faculty Member
Istanbul Kultur University
m.bekmezci@iku.edu.tr

Gökçe Ketizmen

Associate Professor
Eskisehir Osmangazi University
gonal@ogu.edu.tr

Mehmet Inceođlu

Associate Professor
Eskisehir Technical University
mehmeti@eskisehir.edu.tr

ABSTRACT

This study examines the complex domain of atmosphere/ambiance, emphasizing its development and importance in many academic fields from 2000 to 2023. By examining significant contributions, it highlights the term “atmosphere” as primarily employed in literature. Analysis of citation patterns reveals a substantial surge in scholarly attention after 2020, primarily driven by English-speaking academic circles. The multidisciplinary aspect of atmospheric studies is apparent, since geography, urban design, philosophy, and cultural studies have made significant contributions. The incorporation of novel methodologies from many fields enhances the body of architectural literature, strengthening both theoretical frameworks and practical implementations in the realms of design and urban planning. This thorough examination highlights the increasing influence of atmospheric studies on environmental policy, urban growth, and the preservation of cultural landscapes. The research highlights the importance of ongoing interdisciplinary involvement to enhance our comprehension of the intricate relationship between the environment, space, and human experience.

KEYWORDS: Atmosphere. Ambiance. Aura. Multi-disciplinary Perspectives.

RESUMO

Este estudo examina o complexo domínio da atmosfera/ambiente, enfatizando o seu desenvolvimento e importância em muitos campos acadêmicos de 2000 a 2023. A análise dos padrões de citação revela um aumento substancial da atenção acadêmica após 2020, impulsionado principalmente pelos círculos acadêmicos de língua inglesa. A vertente multidisciplinar dos estudos atmosféricos é evidente, uma vez que a geografia, o desenho urbano, a filosofia e os estudos culturais deram contributos significativos. A incorporação de novas metodologias de vários campos melhora o corpo da literatura arquitetônica, fortalecendo tanto os quadros teóricos como as implementações práticas nas áreas do design e do planeamento urbano. Este exame minucioso realça a crescente influência dos estudos atmosféricos na política ambiental, no crescimento urbano e na preservação das paisagens culturais. A investigação destaca a importância do envolvimento interdisciplinar contínuo para melhorar a nossa compreensão da intrincada relação entre o ambiente, o espaço e a experiência humana.

PALAVRAS-CHAVE: Atmosfera. Ambiente. Aura. Perspectivas Multidisciplinares.

1. INTRODUCTION

Atmosphere is associated with the exploration of places or situations and their ambiance/aura with affective charge. Following the renowned philosophical study of Böhme (1993) on atmosphere and new aesthetics, Zumthor (2006) garnered attention for his contributions to architectural discourse. In the field of geography, Anderson

(2009) integrated affect into the study of atmosphere, while Stewart (2011) continued to explore the evolving interest in atmosphere within the discipline of anthropology. Thibaud (2011) further advanced the direction of urban studies toward the atmosphere. Until the 2015s, most studies focused more on conceptual frameworks that were aligned with philosophical foundations, rather than on methodological approaches to grasp manifestations of atmosphere in social life. Subsequently, relational and transformational processes between subject and object through atmosphere have started to be studied in several analytical ways. These initiatives attracted the attention of researchers, prompting them to pursue the studies being conducted and to initiate their own studies in the field of atmosphere. Although *Ambiances* (International Journal), as one of the most crucial contributions to literature, was established in 2013, their special issues commenced in 2015 and continued as follows:

- 2015 Experiential Simulation
- 2016 *Ambiance and history of architecture: the built environment in our sensory expérience and imagination*
- 2017 *Animating public space? Between urban programming and citizen activation*
- 2018 *Expérimentation, Ambiance, Architecture*
- 2019 *Phenomenographies. Describing urban and architectural atmospheres*
- 2020 *Staging Atmospheres: Theatre and the Atmospheric Turn - Volume 1*
- 2021 *Staging Atmospheres: Theatre and the Atmospheric Turn - Volume 2*
- 2022 *Underground Atmospheres. Renewing the debate*
- 2023 *Migration d'ambiances et expériences habitants*

A number of special issues (from various journals) pertaining to the atmosphere are outlined below:

- *Emotion, Space and Society* (2015) Special Issue: “Staging atmospheres: Materiality, culture, and the texture of the in-between”
- *Architectural Design* (2016) Special Issue: “Contemporary Moods in Architecture”
- *Journal of Architectural Education* (2019) Special Issue: “Atmospheres”
- *Art Style | Art & Culture International Magazine* (2023) Special Issue: “Atmosphere and Mood: Two Sides of the Same Phenomenon”
- In parallel with the publication of well-known journals, numerous books were released with the aim of fostering collaboration amongst researchers:
- Bille & Sorensen (2016). (in mostly archaeological aspects)
- Schroer & Schmitt (2017) (written from an ethnographic and anthropological perspective)
- Sumartojo & Pink (2018) (by scholars from design research)

The growing corpus of literature on the atmosphere (with such special issues and books), including works on its practical aspects, evinces a rising interest in this research domain. In the wake of these studies, articles have been published in a considerable number of other journals and book chapters have appeared in various books, even on different subjects (e.g., for literary studies: Hatipoğlu, 2023; for studies on cinema: Hatipoğlu & Hacıömeroğlu, 2024). The process mentioned above suggests that academics are approaching their work related to these issues with considerable enthusiasm, particularly in the period following 2020. The current literature on atmosphere reveals a plethora of studies from a multitude of disciplines.

The majority of sources engaged in the study of the atmosphere cite fundamental works such as Böhme (1993), Anderson (2009), and Griffero (2014). These sources are widely regarded as pivotal in establishing the field as a significant area of academic inquiry. Nevertheless, after the theoretical framework section of the studies, a divergence of approaches is evident in the subsequent construction of the research. Therefore, a range of disciplines adopts distinct perspectives and methodologies to investigate the atmosphere, contributing to the existing literature. Given the considerable contributions made to the field, a comprehensive examination of how the atmosphere is perceived within academic circles necessitates an investigation into how different disciplines focus on atmosphere, the level of intensity at which it is examined, and its overall impact across a wide range of disciplines. As one of the first attempts, Pfister (2019) examined its evolution in a range of disciplines, including theology, philosophy, geography, sociology, psychology and architecture. He also explored the question of how atmospheres might be described and how to deepen the perception of atmospheres through marketing research. However, there are other related academic fields beyond his attention. Furthermore, there is still a paucity of knowledge regarding the variety of disciplines and their impact on the literature. Consequently, this study seeks to address the following questions:

- What is the distribution of interest regarding the types of publications (e.g. books, book sections, journal articles, etc.)?
- How many citations do journal articles receive between 2000-2023?
- What is the distribution of publications in terms of language?
- How has interest in the field of atmosphere and ambiance been shaped over the years?
- What are the distinct disciplines that arise, and how might these be grouped?
- How many articles do disciplines publish and what is their impact on the existing literature?
- What percentage of disciplines are represented in highly influential publications?

2. PROCEDURE

The publications were gathered using a range of methods over three years.

- Initially, the top 200 journals were identified in the categories of ‘Architecture’, ‘Art and Humanities’ and ‘Social Science’ from the ‘ScimagoJR’ database. A total of 67 magazines were selected for analysis, as they were deemed to have the potential to address the subject of atmosphere. A comprehensive review was conducted of all issues of each journal between 2000-2023. Articles that were directly or indirectly related to the atmosphere were collected.
- The list has been augmented with studies not previously included, drawn from the extensive bibliography of the ‘Atmospheric Spaces’ Community, comprising 109 pages.
- The members of the ‘International Ambiances Network’ related to ambiance/atmosphere were examined individually in the ‘Members’ section. Their publications on atmosphere/ambiance are meticulously documented in the archive of the first author of this study.
- The publications of members of KOIAS (Kobe Institute for Atmospheric Studies), the Center for Sensory Studies, and numerous other academic communities were subjected to a rigorous review process. Those deemed to be of particular relevance have been incorporated into the final collection of atmosphere-related publications.
- Research projects and centers that build bridges with atmosphere/ambiance, such as The Resonance Project and Affective Societies, were investigated. Related publications were also consulted in order to gain further insight.

Finally, a comprehensive archive has been assembled, containing over 20.000 studies. In the course of this research, the corpus of publications was limited to articles published between 2000 and 2023 that include “atmosphere/ambiance/aura” in their titles. The resulting body of work was then classified by discipline and subjected to rigorous examination.

3. RESULTS

Table 1 elaborates on the distribution of the terms Atmosphere/Ambiance/Aura in academic publications. The term “atmosphere” is the most frequently used term overall, with a total of 1,095 occurrences. This term shows a significant density, especially in journal articles (441) and book chapters (356). This demonstrates that the term “atmosphere” is widely accepted within the academic community and is employed in a variety of disciplines. A review of the co-use of the terms revealed that they were employed together on only two occasions. The data indicate that the terms are typically employed as synonyms of one another, rather than in conjunction with one another and that their joint usage is infrequent.

	All	Book / Edited Book	Book Section	Journal Article	Conference Proceedings	Thesis	Magazine Article	Others
Atmosphere OR Ambiance OR Aura	1260	155	379	515	129	39	11	32
Atmosphere	1095	145	356	441	84	37	9	23
Ambiance	173	14	25	56	59	3	2	14
Aura	48	4	7	33	1	3	0	0
Atmosphere AND Ambiance	7	0	0	2	2	1	0	2
Atmosphere AND Aura	4	1	0	1	0	2	0	0
Ambiance AND Aura	2	0	0	2	0	0	0	0

Table 1. The distribution of the use of atmosphere/ambiance/aura in various type of publication

In light of the considerable body of literature on this topic, the present study will focus on articles published in academic journals. In this regard, the distribution of the articles according to the number of citations they have received is initially examined. This is illustrated in Figure 1 below.

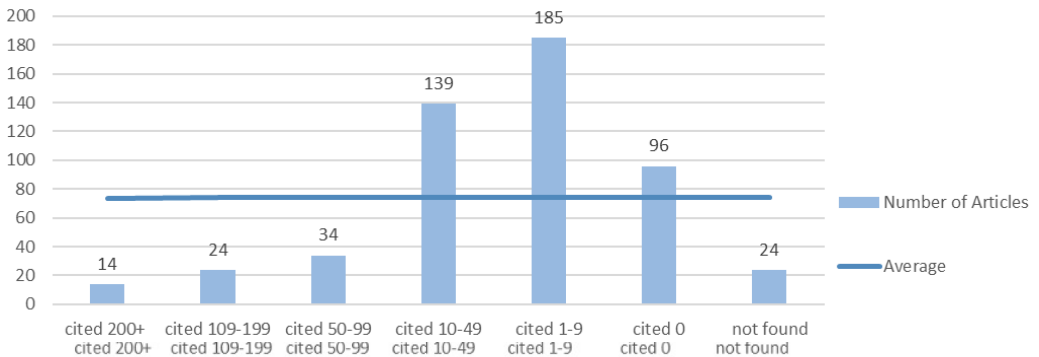


Figure 1. Distribution by citation.

A total of 14 studies have been cited over 200 times, while 24 studies have been cited between 109 and 199 times. There are 34 studies that have been cited between 50 and 99 times, 139 studies that have been cited between 10 and 49 times, and 185 studies that have been cited between 1 and 9 times. The number of studies with no citations is 96. Consequently, 386 studies were found to have received at least one citation, indicating that studies in general are subject to varying degrees of recognition and impact.

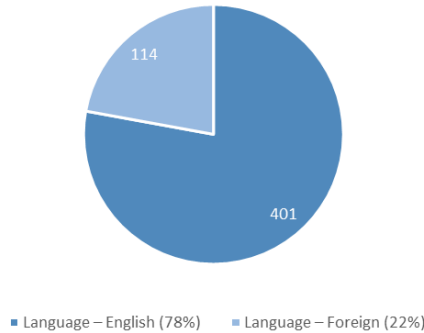


Figure 2. Distribution of articles in terms of language.

Furthermore, as illustrated in Figure 2, English is the dominant language employed in the majority of studies on this subject (78%). This preponderance of English-language articles indicates that the field is significantly shaped by English-speaking academic communities.

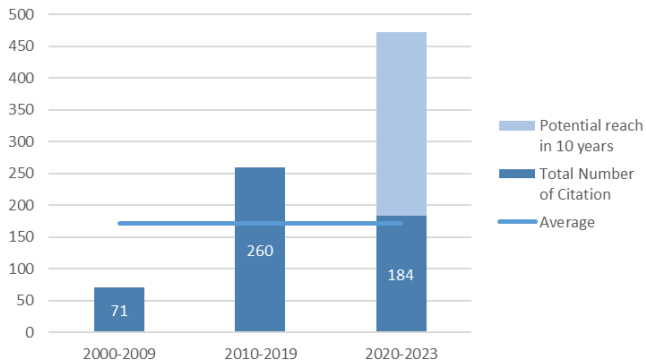


Figure 3. The total number of citations in each decade

Figure 3 illustrates the distribution of citations by year, demonstrating a notable surge in academic interest following 2020. The number of citations for the period between 2020 and 2023 (183) is notably high, indicating the potential for it to exceed 450 citations within a decade. The influence of the conference “Ambiances” may be a contributing factor to this observed increase.

As demonstrated in Table 2, the citation status of articles across various academic disciplines provides insight into the level of academic impact and interest within these fields. For instance, articles pertaining to the fields of economics-management-marketing are highly cited, with considerable influence within the academic community. Conversely, papers on art and art history are cited at a lower rate, and the impact of research in these domains appears to be more constrained. Areas such as cultural studies and sociology are referenced at a moderate level, which serves to indicate the and considerable impact of these disciplines in academic literature.

		Total Number of Articles	Min 1-cited Articles	Sum of Citation	Max. Citation	Average of Citation
Design-related	Arch - Int Arch	95	69	1137	250	16.5
Art and Media-related	Design	14	6	536	162	41.2
	Urban Design	24	22	993	173	45.1
Art and Mediarelated	Art - Art history	14	6	32	19	5.3
	Media studies	30	18	1021	419	56.7
	Music/ology	16	13	241	62	18.5
	Performance arts	14	6	74	44	12.3
Education and Language	Education - Pedagogy	6	6	109	57	18.2
	Language - Literary studies	14	7	161	73	23.0
Economy and Organization-related	Economy - Management - Marketing	27	26	5705	3318	219.4
	Tourism	2	2	36	23	18.0
Culture-related	Cultural studies	39	34	1666	736	49.0
	Geography	60	55	4753	1458	86.4
	Sociology	31	23	532	91	23.1
	Philosophy	93	64	1301	341	20.3
	Law	4	4	258	100	64.5
Health-related	Psychology	19	15	383	94	25.5
	Health studies	2	2	36	34	18.0
Others	Other disciplines	7	7	355	233	50.7
	Unable to define	4	1	8	8	8.0
Average		25.7	19	966.8	385	40.9
All		515	386	19337	7695	819.7

Table 2. Citation of journal articles by discipline-wise.

The detailed visualization in Figure 4 delineates the citation distribution across various disciplines. It demonstrates that seven distinct fields have a higher citation frequency than the average.

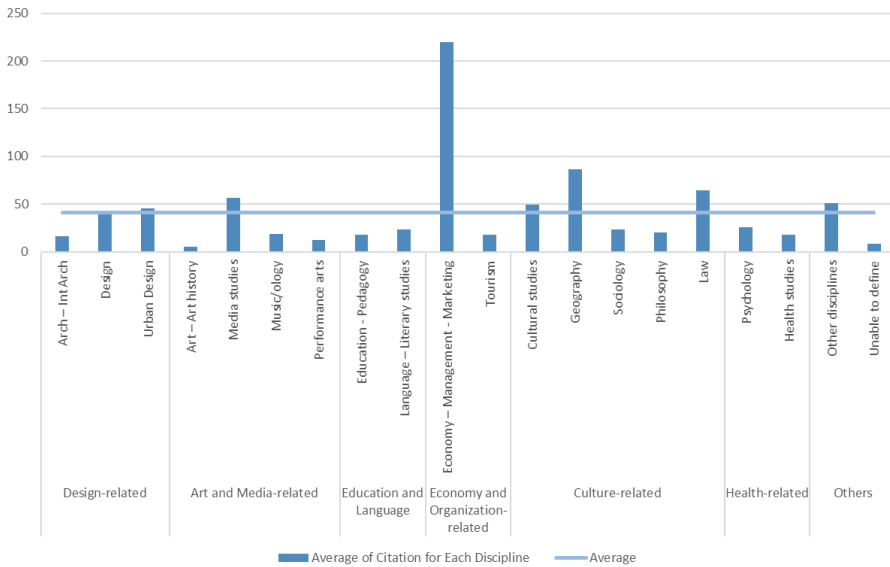


Figure 4. Average Citation for each discipline

Upon analysis of the disciplines as represented by the most-cited 100 articles, it becomes evident that the highest number of studies on this subject is within the field of geography (22%). This is due to the fact that the atmosphere holds significant theoretical and practical importance within the field of geography. Atmospheric studies encompass a range of disciplines, including urban design, philosophy and cultural studies, with each accounting for 10% of the field. The field of urban design is concerned with the impact of the urban environment on atmospheric dynamics, whereas the discipline of philosophy focuses on the development of theoretical frameworks. The study of cultural studies, on the other hand, examines the social and cultural influences on atmospheric perception. This interdisciplinary approach allows for the examination of atmospheric phenomena from a multitude of perspectives, thereby enhancing our comprehension of these phenomena and their broader implications.

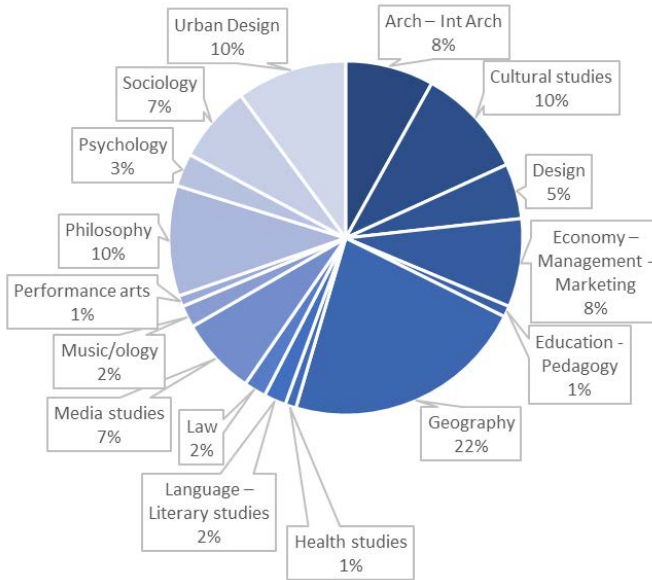


Figure 5. Distribution by disciplines in most-cited 100 articles

4. FINAL WORDS

Investigation of atmosphere/ambiance has become a complex area of research, attracting interest from several academic fields in recent decades. This research article has emphasized the notable contributions and growing interest in the issue across several disciplines, with a specific focus on the time frame from 2000 to 2023. The citation analysis highlights the different levels of acknowledgment and influence of research on the atmosphere. While disciplines such as economics and management demonstrate significant academic involvement and impact, topics like art and art history have lower citation rates. The discrepancy suggests that the influence of atmospheric studies is not evenly spread among different academic subjects, highlighting the various ways in which these disciplines approach the subject.

The interdisciplinary nature of atmospheric research is apparent from the wide array of fields that contribute to the literature. Geography, because to its substantial theoretical and practical involvement with the atmosphere, is at the forefront in terms of the quantity of studies conducted. Additional disciplines such as urban planning, philosophy, and cultural studies also have significant contributions, each offering distinct viewpoints that enhance the comprehensive comprehension of atmospheric phenomena.

Moreover, the multidisciplinary approach in atmospheric studies allows for the incorporation of novel concepts and methods from other fields into architectural literature, so enhancing and advancing the architectural understanding of the

atmosphere. The exchange of ideas from different sources not only enriches the theoretical foundations of architecture but also brings novel approaches that can be implemented in actual architecture and urban design.

The increasing number of publications, the advent of specialised journals and dedicated issues, and the rising citation rates all demonstrate that this is a vibrant and evolving field of research. It should be noted that this study represents a preliminary investigation of a comprehensive comparison, constrained by the limitations of the word and page limit. Further research* will expand upon the insights gained here.

* In future studies, it would be possible to scan abstracts of all publications for the specified keywords "atmosphere/ambiance/aura", rather than searching solely by titles of them. While this would undoubtedly expand the scope of the study, it would also make it more challenging to control and manage paradigms. However, considering the multi-disciplinary perspectives, it may also lead to the identification of studies that could otherwise be overlooked or underappreciated.

As a potential follow-up study, the arguments of each discipline's most influential studies can be subjected to content analysis, allowing for a comparison of their contributions. This approach enables the identification of which disciplines are pioneering in which subjects. Furthermore, it facilitates the integration of innovative approaches and methods from other disciplines into architectural literature, thereby enriching and developing the architectural view of the atmosphere.

BIBLIOGRAPHY

- Anderson, B. (2009). Affective atmospheres. *Emotion, Space and Society*, 2(2), 77-81. <https://doi.org/https://doi.org/10.1016/j.emospa.2009.08.005>
- Bille, M., & Sorensen, T. F. (Eds.). (2016). *Elements of Architecture: Assembling archaeology, atmosphere and the performance of building spaces*. Routledge.
- Böhme, G. (1993). Atmosphere as the Fundamental Concept of a New Aesthetics. *Thesis Eleven*, 36(1), 113-126. <https://doi.org/10.1177/072551369303600107>
- Griffero, T. (2014). *Atmospheres: Aesthetics of emotional spaces*. Ashgate Publishing, Ltd.
- Hatipoğlu, S. C. (2023). The affective atmospheres of spatial organisms and smells: The God of Small Things. In N. Erdoğan & H. T. Akarsu (Eds.), *Architecture in Contemporary Literature* (pp. 71-77). Bentham Books. <https://doi.org/https://doi.org/10.2174/9789815165166123010010>
- Hatipoğlu, S. C., & Hacıömeroğlu, T. N. (2024). The Artificial Hypocrisy of the Fairytale Atmosphere: The Grand Budapest Hotel. In N. Erdoğan & H. T. Akarsu (Eds.), *Architecture in Cinema* (pp. 22-32). Bentham Books. <https://doi.org/https://doi.org/10.2174/9789815223316124010006>
- Pfister, D. (2019). The Concept of Atmosphere from a Multidisciplinary Perspective. In M. Volgger & D. Pfister (Eds.), *Atmospheric Turn in Culture and Tourism: Place, Design and Process Impacts on Customer Behaviour, Marketing and Branding* (Vol. 16, pp. 31-43). Emerald Publishing Limited. <https://doi.org/10.1108/S1871-317320190000016007>
- Schroer, S. A., & Schmitt, S. B. (Eds.). (2017). *Exploring Atmospheres Ethnographically*. Routledge.

Stewart, K. (2011). Atmospheric Attunements. *Environment and Planning D: Society and Space*, 29(3), 445-453. <https://doi.org/10.1068/d9109>

Sumartojo, S., & Pink, S. (2018). *Atmospheres and the experiential world: Theory and methods*. Routledge.

Thibaud, J.-P. (2011). The sensory fabric of urban ambiances [Article]. *The Senses and Society*, 6(2), 203-215. <https://doi.org/10.2752/174589311X12961584845846>

Zumthor, P. (2006). *Atmospheres: Architectural Environments. Surrounding Objects*. Birkhäuser.