

Editorial

Advancing Information Design across Diverse Contexts

We are pleased to present Volume 23, number 1 of the InfoDesign Journal, the first issue of 2026. This issue brings together five articles that reflect the breadth of contemporary information design research, addressing methodological innovation, educational technologies, accessibility, wayfinding, and editorial communication. Although diverse in their empirical settings, the contributions share a common concern: how information can be designed to enhance understanding, support decision-making, and promote more inclusive interactions between people and information.

The issue opens with the article *“Exploring large language models for persona construction: a case study in educational ergonomics”*. In this study, Velasco, Teixeira, and Merino investigate how large language models (LLMs) can facilitate the development of data-driven personas by combining clustering techniques with AI-assisted narrative generation. Their work demonstrates how emerging computational tools can strengthen information design practices while making analytical workflows more accessible to researchers and practitioners.

The second article, *“Augmented Reality and Information Design: visualizing historical knowledge for classroom learning”* by Sam’ani, Ichsan, Haris, and Qamaruzzaman explores how information design principles enhance augmented reality applications for history education. By integrating visual hierarchy, narrative sequencing, coherence, and accessibility into immersive learning environments, the authors show how information design can transform technological innovation into meaningful educational experiences.

Accessibility remains a central concern in the third contribution. In *“Guidelines for designing tactile maps for orientation and mobility in buildings”* Schmitt and Casarin present an integrative literature review that consolidates design guidelines for tactile maps intended for people with visual impairments. By synthesizing dispersed recommendations from the literature, the study provides a reference for researchers and professionals seeking to develop more effective and standardized assistive information systems.

The following article, *“Information Design and Wayfinding in urban bus transit: the case of São Luís, MA, Brazil”* by Farias and Silva, investigates communication challenges throughout the public transport journey. Through in-situ heuristic observation and documentary analysis of informational artifacts, the authors identify recurring challenges related to legibility, multimodal communication, and information accuracy, highlighting the essential role of information design in fostering autonomy, accessibility, and trust in complex urban environments.

The issue concludes with *“The visual identity of science communication journals: a comparative study of periodical covers in Ibero-American publications indexed in Scopus”*. González-Díez, Puebla-Martínez, and

Sánchez-Pita examine how editorial design contributes to the visual identity of scientific journals. Their comparative analysis reveals prevailing design patterns while raising important questions about the balance between consistency, visibility, and visual distinctiveness in scholarly publishing, reminding us that the communication of research also depends on carefully designed visual languages.

Taken together, the articles in this issue demonstrate that the scope of information design extends well beyond the organization of visual artifacts. Whether supporting artificial intelligence workflows, immersive educational technologies, accessible environments, urban mobility, or scientific publishing, the studies reinforce the field's commitment to improving how information is structured, communicated, and experienced.

More specifically, the contributions presented here advance the field by proposing methodological innovations, consolidating evidence-based design guidelines, developing practical evaluation protocols, and deepening our understanding of the design decisions that shape effective, accessible, and meaningful information experiences. They also illustrate the increasingly interdisciplinary nature of information design, where technological innovation, human-centered research, and communication quality converge to address complex societal challenges.

The editorial team would like to express our sincere gratitude to the reviewers, section editors, and authors whose dedication makes the publication of each issue possible. Their continued collaboration enables InfoDesign to fulfill its mission of disseminating rigorous theoretical, methodological, and applied research in information design. As a continuous publication journal, InfoDesign welcomes new submissions throughout the year and remains committed to promoting high-quality international scholarship through a rigorous double-blind peer review process.

We hope that the contributions presented in this issue will inspire new discussions, foster collaborations, and stimulate future research that continues to advance the field of information design.

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