

Special Issue

Eye Tracking and Visualization

Message from the Guest Editor

The application of eye tracking technology to application-specific research questions generates vast amounts of spatio-temporal data. Algorithmically analyzing the recorded data can support the identification of patterns and anomalies in the data. In this Special Issue, we focus on concepts, approaches, and techniques that make use of interactive visualizations to analyze eye movement data or that provide a way to better interact in visualizations or visual user interfaces by applying gaze-assisted interaction. In addition, more complex visual analytics tools including algorithms, visualizations, and human-computer interaction to facilitate pattern finding and to support decision making are welcome. Moreover, evaluations of visualizations and visual analytics tools—static or dynamic ones that are integrated into small-, medium-, or large-scale displays in the real world, virtual, augmented, or immersive reality—that make use of eye tracking are in the scope of this Special Issue.

Guest Editor

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Deadline for manuscript submissions

31 July 2026



Journal of Eye Movement Research

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 3.9
Indexed in PubMed



mdpi.com/si/237638

*Journal of Eye Movement
Research*
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