Special Issue

Algorithm Awareness: Opportunities, Challenges and Impacts on Society

Message from the Guest Editor

Algorithms have become pervasive in contemporary society, influencing various aspects of our lives, from human interactions and online shopping recommendations to employment decisions and healthcare management.

Recently, several studies have focused on operationalizing the concept of algorithmic awareness, examining sense-making processes around algorithms and forms of user engagement, defining research methods to investigate interactions with algorithms, and conducting case studies on specific populations within various social and digital contexts.

The purpose of this Special Issue is to contribute to the expanding social science literature that seeks to better understand algorithm awareness, how people make sense of the opacity of algorithms, and how their assumptions may influence their understanding and daily engagement with algorithmic systems, posing both risks and opportunities. Moreover, it aims to provide insights into methodological advancements in algorithm awareness, including new opportunities and challenges, as well as innovative approaches, methods, and techniques that enhance algorithm awareness research.

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Message from the Editor-in-Chief

Societies (ISSN 2075-4698) is an interdisciplinary journal that brings together different scientific approaches to engage with societal questions to enhance our understanding of the social realm throughout history. The journal publishes original empirical research papers, literature reviews, and conceptual papers. Our aim is to publish papers that have a significant impact on addressing present and emerging societal questions. Therefore, we encourage researchers to publish their results in as much detail as possible. For empirical research papers and literature reviews, all experimental details must be provided, so that the results are reproducible. We also encourage the publication of timely theoretical pieces on topics of interest to existing and emerging societal questions. Papers are either published in the open journal or in Special Issues devoted to specific topics of interest to the field.

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