

Special Issue

Evolutionary Computation and Artificial Intelligence: Building a Sustainable Future for Smart Cities

Message from the Guest Editors

The rapid urbanization and increasing complexity of modern cities have created unprecedented challenges in resource management, infrastructure optimization, and environmental sustainability. As cities strive to become smarter and more sustainable, the integration of evolutionary computation and artificial intelligence (AI) offers transformative potential.

This Special Issue seeks to compile state-of-the-art research that examines the role of evolutionary computation and AI in advancing smart city initiatives. We invite contributions that investigate the economic, technological, and social dimensions of these technologies, with a focus on their potential to enhance urban sustainability, efficiency, and resilience. By fostering interdisciplinary dialog, this issue aims to inform strategies for sustainable urban development and contribute to the broader discourse on the future of smart cities.

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About the Journal

Message from the Editor-in-Chief

Big Data and Cognitive Computing (BDCC) is a scholarly online journal which provides a platform for big data theories with emerging technologies on smart clouds and exploring supercomputers with new cognitive applications. It is a peer-reviewed, open access journal that publishes high quality original articles, reviews and short communications. The primary aims of this journal are to encourage contributions of high quality scientific papers relating to data management and analytics in industry, such as manufacturing, healthcare, education, media and business, data mining, and cognitive science. There is no restriction on the maximum length of the papers.

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