

Special Issue

Smart City Innovation and Resilience in the Era of Artificial Intelligence

Message from the Guest Editors

Smart cities aim at improving the quality of life of citizens by accounting for environmental sustainability. However, the increasing complexity and interrelationships of smart city services pose several issues on smart city resilience that are among the challenges of current research. Artificial Intelligence (AI) techniques are used indeed to improve the methods and tools devoted to collecting and analyzing citizens' opinions, sensing people behaviors, organizing knowledge, predicting and forecasting consequences of hazardous events. However, other than enabling and facilitating these activities, AI is also transforming the way people live. The goal of this special issue is to stimulate the debate on both AI applications and impacts for smart cities. The intent is to provide a deep account for novel and disruptive AI approaches to smart city innovation and resilience of urban areas and communities. Focus on resilience of AI systems themselves is also appreciated. Furthermore, the special issue welcome visionary papers related to AI safety and social aspects like handover and human-machine communication.

Guest Editors

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Deadline for manuscript submissions

closed (15 April 2021)



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Editor-in-Chief

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