



Innovation in Machine Intelligence for Critical Infrastructures

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Message from the Guest Editors

Critical infrastructures are among the cornerstones that support modern daily living through the variety of essential services offered to their end-users. The rapid advancements in heterogeneous sensor development, sensor data acquisition, transmission and processing and the Internet of Things, have created new possibilities for growth within critical infrastructures, but also new risks in terms of these infrastructures' vulnerability versus attacks. At the same time, the latest developments in machine learning and intelligent information processing act as an enabler for innovative methods to support dynamic system requirements and complex infrastructure dependencies with evolving characteristics, and ensure the safety and security of such infrastructures from both cyber and physical points of view. This Special Issue will feature key innovations in artificial intelligence, machine learning, signal and information processing put forward to advancing the design, analysis, optimization, operation and protection of critical infrastructures.

Deadline for manuscript submissions:

closed (31 March 2019)





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