Special issue on

Data security and management in smart cities

CALL FOR PAPERS

Submission Deadline: September 1, 2023

Publication Date: Jan 2024

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In our journal *Information System and Smart City*, a special issue is calling for papers about data security and management in smart cities.

Data security management has many definitions. Each organization must clearly define and communicate the data security plans and data security services it offers, as these will vary slightly from place to place. Generally speaking, data security management is: The acquisition, use, storage, retrieval and deletion of data are monitored so that data is not corrupted at any point in its development; the blending of both digital (cyber) and physical processes to protect data; the implementation of technology defenses that prevent data loss prevention from internal malicious actions or hacking; taking advantage of the use of encrypted cloud storage or encrypted cloud networks to secure data transfers and sharing; the security of data exchanged with external applications or services.

To ensure operations for smart cities, protecting information and infrastructure by maintaining robust information security becomes a necessity. Data security breaches could harm the organization's performance, leading to higher expenses, lower revenues, and a decrease in prospects, in addition to a reduction in market value and investors' trust. In the context of smart cities, the impact of data security breaches will be larger than on any other type of organization.

Data security management is of critical significance to the implementation and development of smart cities and is one of its most serious challenges, being critical for the stability and sustainability of smart city organizational performance. Therefore, in this issue, we'd like to solicit papers focusing on data security management in smart cities. Potential topics include **privacy protection solutions, information security systems, challenges in smart cities' data security, information security architecture in smart cities, laws on cyber security, etc.**