DESCRIPTION

**Information systems** are the software and hardware systems that support data-intensive applications. The journal Information Systems publishes articles concerning the design and implementation of languages, data models, process models, algorithms, software and hardware for information systems.

Subject areas include **data management** issues as presented in the principal international database conferences (e.g., ACM SIGMOD/PODS, VLDB, ICDE and ICDT/EDBT) as well as data-related issues from the fields of data mining/machine learning, information retrieval coordinated with structured data, internet and cloud data management, business process management, web semantics, visual and audio information systems, scientific computing, and data science. We welcome systems papers that focus on implementation considerations in massively parallel data management, fault tolerance, and special purpose hardware for data-intensive systems; theoretical papers that either break significant new ground or unify and extend existing algorithms for data-intensive applications; and manuscripts from application domains, such as urban informatics, social and natural science, and Internet of Things, which present innovative, high-performance, and scalable solutions to data management problems for those domains.

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