

CALL FOR PAPERS

ENTERPRISE

INFORMATION SYSTEMS

SPECIAL ISSUE ON RESILIENT ENTERPRISE INFORMATION SYSTEMS

Enterprise Information Systems is a research journal to provide an international forum for the research and application of enterprise information systems. EIS will publish a special issue dedicated to the topic of "Towards Resilient Enterprise Information Systems" in 2009.

The success of an enterprise today is highly dependent on its information system. Such information systems range from the enterprise-wide systems as ERP to the individual information systems. The information system of an enterprise is composed of both software and hardware, and information can be represented in both the human cognitive system and in the digital device system. Disruption of information systems even for a short period of time would cause big problems for business operations.

Due to the ever increasing dependency among business units which may be beyond geographical and regional bounds, change of the business operations in one unit can have dramatic effects on the entire enterprise's business. Therefore, the operation continuity of an information system is of vital importance to contemporary enterprises, especially to those which are highly networked and integrated.

Enterprise information systems are not immune from various forms of intrusion both from external and internal entities. Therefore, how to maintain its function when an information system is partially damaged owing to the intrusions is an important issue to today's enterprises. This issue may also be addressed as the resilience of an information system. Resilience goes beyond reliability in that resilience presumes a partial damage of a system (i.e., a partial loss of the function) and concerns the recovery of the function from both the remaining system components and damaged components. Resilience of an enterprise information system is evaluated in business enterprises since an enterprise's information system is extremely important in assisting achieving the business goal of the enterprise. The special issue is interested in topics related to all aspects of resilient enterprise information systems. Topics of interest include, but are not limited to, the following:

- Definition and measure of resilience in the context of enterprise information system
- Design methodology for resilient enterprise information systems
- Management approach to resilient

enterprise information systems

- Vulnerability analysis of enterprise information systems
- Human's roles and factors in resilient enterprise information systems
- Information system architecture for high resilience
- Security of enterprise information systems versus resilience of enterprise business
- Relationship between a personal information system and enterprise information system and its effect on the resilience of an enterprise
- Globalization of information and its effect on resilience
- Information maintenance and recycling and its effect on resilience
- Enterprise application integration and its effect on resilience of enterprise information systems
- Enterprise resilience versus information system resilience

All manuscripts for this special issue should be submitted electronically to the Enterprise Information Systems at <http://mc.manuscriptcentral.com/teis> by **Dec 31, 2009**.

Authors should indicate that their manuscript is being submitted for the Special Issue on Resilient Enterprise Information Systems. All submissions must be prepared according to Enterprise Information Systems submission guidelines at <http://www.tandf.co.uk/journals/journal.asp?issn=1751-7575&linktype=44>

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