Special issue on Control and management of logistic systems based on information technologies

Minimizing the use of resources in manufacturing and distribution serves as a major motivation behind modern advanced logistic systems. With significantly growing worldwide presence companies as well as the increasing diversity of storage and transportation modes, modern logistic processes become more and more complicated and the modeling as well as potential control and management tasks become challenging nowadays. Optimization, planning, and control of advanced logistic systems based on information technologies have received more attention both from academic and industrial domains. However, a number of issues such as analytical modeling of advanced logistic systems, key performance prognosis, and optimization strategies under limited resources still require in-depth investigation.

The primary objective of this Special Issue is to provide a forum for researchers and practitioners to exchange their latest achievements and to further identify critical issues and challenges from academia and industry. Submissions are expected to provide innovative models, analytical explorations as well as advanced strategies. Topics include, but are not limited to, the following research areas:

- Modeling and verification for advanced logistic processes;
- Key performance prognosis and forecasting;
- Optimization of logistics systems under competition;
- Recent advances on control and monitoring technologies for logistic systems;
- Advanced management strategies and industrial case studies;

**Manuscript Submission**

Manuscripts should be formatted and be submitted online according to the
Special issue on Control and management of logistic systems based on intelligent decision-making. Instructions for Information Sciences at http://www.elsevier.com/journals/information-sciences/0020-0255/guide-for-authors (http://www.elsevier.com/journals/information-sciences/0020-0255/guide-for-authors). Submitted manuscripts will be reviewed according to the peer review policy of Information Sciences as available on-line at www.elsevier.com/locate/ins (http://www.elsevier.com/locate/ins). As papers are uploaded, authors should make sure to select the correct special issue (select “SI: CMISIT” when reaching the Article Type step). Only original and unpublished papers will be considered. A PDF version of each submitted paper with its serial number should also be forwarded to peng.shi@adelaide.edu.au (mailto:peng.shi@adelaide.edu.au).

**Important dates**

- Manuscript Due: September 15, 2015
- First Decision Date: December 30, 2015
- Revision Due: January 31, 2016
- Second Revision and Second Decision: February 01, 2016
- Final Decision: March 31, 2016
- Publication: September/October 2016 (planned)

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