

## **Call for Papers - Special Issue of the Scientific World Journal (TSWJ) "Intelligent Optimization for Green Logistics Operation"**

The Call-for-Papers of the special issue is posted online on the journal's website; you can have a look at it at the following URL: <http://www.hindawi.com/journals/tswj/si/897637/cfp/>.

### **Overview:**

Logistics has a special place in the low-carbon economy because of its high energy consumption and carbon dioxide emission. Energy costs constitute at least 40% of the enterprise logistics costs according to the statistics provided by governmental agencies. Therefore, the idea of green logistics has been widely accepted all over the world. Green logistics has been extensively studied, such as the construction of green logistics operation system, green logistics techniques and technologies, environmental policy, green logistics behaviors, and performance evaluation of green logistic. However, very few works developed quantitative models, methods, and technologies for green logistics operation problems. Most studies on green logistics incorporate only one objective of minimizing pollution. By contrast, very few studies apply a holistic approach that balances the tradeoff between production efficiency, costs, and the environmental pollution.

This special issue focuses on the theoretical, methodological, and technology research that develops intelligent optimization approaches for green logistics operation. In addition to quality, originality, and applicability, the selection criteria for articles include the following: (i) the proposed approaches are relevant to computer methods, such as knowledge system, data mining, data analysis, operations research, and information technology and (ii) the research objectives are closely related to green logistics operation. Potential topics include, but are not limited to:

- The proposal of new green logistic techniques and technologies
- Logistics strategy for green supply chain
- The carbon load classification and evaluation of green logistics
- Knowledge-based systems for green logistics operation
- The optimization of multiagent coordination and multiagent-based modeling of green logistics systems
- The theories and methods of mathematical and simulation modeling for green logistics operation
- The optimization of network structures of green logistics
- Data warehousing and data mining for green logistics operation
- Outsourcing of green logistics operation
- Green logistics in production operation
- The complexity, scalability, and robustness of green logistics network
- Decision-support system for green logistics operation

### **Submissions**

Before submission authors should carefully check the journal's Author Guideline, which are located at <http://www.hindawi.com/journals/tswj/guidelines/>. Prospective authors should submit an electronic copy of their complete manuscript through the journal Manuscript Tracking System at

<http://mts.hindawi.com/submit/journals/tswj/computer.science/glo/>  
according to the following timetable:

**Important dates**

Manuscript Due Friday, 27 February 2015  
First Round of Reviews Friday, 22 May 2015  
Publication Date Friday, 17 July 2015