



Discrete Dynamics in Nature and Society

Special Issue on
**Discrete Dynamic Gaming Models in Supply Chain
Management and Project Management 2016**

CALL FOR PAPERS

Supply chain management and project management are hot areas receiving much attention from researchers and practitioners in management science. Lots of models have been established to describe, explain, and solve the practical problems in these two areas. However, real world is complex due to environmental dynamics. On one hand, the uncertainty of environmental parameters such as market demand, supply of raw material, price of raw material and finished products, the transportation and delivery time, production processing time, and budget, to name only a few, takes much difficulty for firms to make appropriate decisions. On the other hand, the existence of vertical and horizontal competition and coordination among different parties involving social and economic activities makes it even more difficult for a particular firm to take correct actions. Therefore, applying the discrete dynamic gaming models to industrial practices, with the randomness of environmental factors and the interactions of different participants taken into account, is a good and necessary way to help solve the practical problems in real world.

The aim of this special issue is to present original research as well as review articles that will contribute to the field of supply chain management and project management.

Potential topics include, but are not limited to:

- ▶ Multiple stage competition models in operations management
- ▶ Omnichannel structure designs of manufacturing and service companies
- ▶ Dynamic cooperation mechanisms in supply chain management
- ▶ Reverse logistics management considering the randomness of return process
- ▶ Stochastic sequencing and scheduling
- ▶ Project management considering randomness of environmental factors
- ▶ Inventory management with multiple products or components
- ▶ Simulation models under dynamic context

Authors can submit their manuscripts via the Manuscript Tracking System at <http://mts.hindawi.com/submit/journals/ddns/dgm16/>.

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