



## Special Issue on Inventory Management Under Uncertainty

### Call for Papers

Inventory management is a very important branch of operations research and covers all aspects of business, management, data decision, etc. An inventory deals with decision that minimizes the total average cost or maximizes the total average profit. For this purpose the task is to construct a mathematical model of the real life inventory system, such a mathematical model is based on various assumptions and approximations. Since the date that the first essential inventory system called economic order quantity (EOQ) model was created by Ford Whitman Harris, several models have been developed and implemented in industry. In ordinary inventory model it consider all parameter like set-up cost, holding cost, interest cost a fixed. But in real life situation it will have some little fluctuations. So consideration of fuzzy variables is more realistic. The goal of this special issue is to provide a platform for scientists and academicians all over the world to promote, share, and discuss various new issues and developments in this area of **inventory management under uncertainty**.

In this special issue, we invite front-line researchers and authors to submit original research and review articles that explore **inventory management under uncertainty**. In this special issue, potential topics include, but are not limited to:

- Optimization model for single and multi-echelon inventory/capacity management
- Fuzzy application of EOQ and EPQ rules
- Uncertainty in supply chain management
- Joint and multi-echelon inventory models
- Multi-objective inventory models
- Newsvendor models
- Reverse logistics and closed loop supply chain
- Errors and asymmetric data in inventory control systems
- Collaborative inventory models
- Innovative replenishment rules
- Performance evaluation in operations and supply chains
- Management of uncertainties in inventory control system

Authors should read over the journal's [For Authors](#) carefully before submission. Prospective authors should submit an electronic copy of their complete manuscript through the journal's [Paper Submission System](#).

Please kindly specify the “**Special Issue**” under your manuscript title. The research field “**Special Issue – Inventory Management Under Uncertainty**” should be selected during your Submission.



Special Issue timetable:

Submission Deadline	July 17th, 2018
Publication Date	September 2018

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