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Neural Networks and Learning Systems for Financial Risk Management

Guest Editor:

Dr. David Liu
Department of Financial and Actuarial Mathematics, School of Science, Xi'an Jiaotong-Liverpool University, Suzhou 215123, China

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Message from the Guest Editor

Financial risk management is a process of identifying, evaluating, and controlling the risk in an investment. Financial risks can be broadly classified into three subclasses: credit risk, liquidity risk, and market risk. However, financial risk is such a complex and extensive concept that financial risk management practitioners often need to specialize only in a certain aspect of financial risk management.

The main goal of this Special Issue is to collect papers on the state of the art and the latest studies on neural networks and learning systems for financial risks and summarize different applications of artificial intelligence technologies in the relevant domains of financial risks and their management. Moreover, this issue is an opportunity to provide a forum where researchers will be able to share and exchange their ideas in the fields of financial risks. The area of interest is wide and includes several categories, such as neural networks and learning systems for financial derivatives, credit risk, liquidity risk, market risk, novel learning algorithms, the exploration of financial risk prediction, and so on.