



Call-for-Papers

A SPECIAL VOLUME ON
Intelligent Knowledge Management in OR

in

Annals of Operations Research, a SCI-indexed journal

Guest-edited by Prof. Gang Kou and Prof. Lean Yu

Deadline Oct 31, 2012

Scientists employ sophisticated programs to mine and extract interesting information and knowledge from enormous databases. *Intelligent knowledge*, extracted from large data sets, reveals useful insights and hidden patterns. *Intelligent knowledge management* investigates the theoretical framework of data science and intelligent knowledge to bridge the gap between mining and knowledge management and further develops the techniques of how to identify and obtain the intelligent knowledge for decision-making.

Operations research (OR) and management science (MS) have strong influences on the development of intelligent knowledge management. Many OR methodologies and tools have been applied to knowledge sharing, knowledge organization, knowledge acquisition, and knowledge usage. It is important to synthesize the research findings of intelligent knowledge and OR with a wide range of real-life applications to support sustainable economic development.

This special volume seeks both high-quality academic (theoretical or empirical) and practical papers that present current state-of-the-art results from researchers and practitioners from all related disciplines. All papers must have some numerical or experimental illustrations. In particular, the numerical experiments must have scientific value of their own. Furthermore, experimental comparisons with other approaches are strongly encouraged.

To be considered for this special volume, a manuscript must be received by October 31, 2012. Each manuscript will be subjected to extensive peer review according to the high standards of the *Annals of Operations Research*. Electronic submission is required. Instructions for authors can be found at <http://www.springer.com/journal/10479/submission>. When submitting a manuscript at <http://www.editorialmanager.com/anor/>, please select **SI: Intelligent Knowledge Management** as the article type.