Special Issue on
Soft Computing for Knowledge Management and Web Applications

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Recently, the researches on the soft-computing techniques and knowledge management have been spread widely to be critical areas. Meanwhile, their applications such as intelligent techniques in soft computing, web intelligence, ontology, and agent, play an important role in the development of distributed systems and the composition. The necessity of adaptation is apparent in the Web services world.

In addition, the fuzzy approaches and Type-2 Fuzzy Set (T2FS) for ontology applications and adaptive Web services provide a linguistic methodology to deal with the knowledge model with uncertainty. A T2FS is three-dimensional and this additional dimension provides it to have additional degrees of freedom to model and handle the real-world uncertainty. During the past decade, T2FSs and systems have become very popular around the world. Researchers have applied them to various kinds of areas, such as in the business and finance, electrical energy, real-world automatic control, networks, healthcare, and medical domains, to model the uncertainty in the real world.

The objective of the proposed special issue is to highlight an ongoing research and also to bring forward recent advances and present state-of-the-art developments on soft computing for knowledge management and web applications on various domains. We invite original contributions about approaches, methodologies, tools, and techniques about the soft computing for knowledge management and web applications. Regular papers contributions to this special issue will include, but are not be limited to the following areas:

Topics of interest (not limited to)

- Ontology and Ontological Agents
- Agents for Software Engineering
- Agents for Knowledge Discovery
- Agents in a Neuro Fuzzy Approach
- Environment-aware Agents
- Web intelligence, Information retrieval and Ontology
- Intelligent Agent Applications
- Knowledge Representation with Ontology
- Web Mining with Intelligent Agents
- Knowledge-Based Systems
- Privacy in Mining
- The Internet of Things
- Semantic Interoperability
- Knowledge-Based Systems
- Artificial Neural Networks and Learning Theory
- Knowledge Acquisition and Management

- Semantic Web Agents
- Healthcare Agents
- Agents for Knowledge Management
- Embedded Agents
- Web intelligence, Information retrieval and Ontology
- Type-2 Fuzzy Set for Knowledge Management
- Evolutionary Algorithms, Hybrid evolutionary algorithms
- Knowledge Sharing with Agents
- Distributed Mining with Agents
- Adaptive Web Services
- Web Services Applications
- Next Generation Web Engines
- Context-Sensitive Web Policies Management
- Knowledge Representation
- Fuzzy Systems, Fuzzy Logic and Fuzzy Expert Systems
- Data and Knowledge Sharing

Time Table

Paper submission deadline: May 20, 2014
Deadline for the completion of reviews: August 20, 2014
Deadline for the submission of modified papers: October 20, 2014
Date for submitting the material to the publisher: November 20, 2014

Online Submission

Authors should submit their manuscripts online. Electronic submission substantially reduces the editorial processing and reviewing times and shortens overall publication times. From the journal webpage at:
https://www.editorialmanager.com/soco/ Please click on "Submit a manuscript" and then choose your article type as "S.I.: Soft Computing for Knowledge Management and Web Applications" when you submit your manuscript.