

**Call for Papers**  
**Special Issue of Decision Support Systems (DSS)**  
**Recent Advances in Data, Text, and Media Mining: Techniques and Applications**

Entities in today's world have moved from data-poor environments to data rich environments. Businesses, government agencies, and non-profit entities all have the potential to enhance their performance and their effectiveness through better understanding and utilization of numerical, textual, and media information that either they themselves generate or to which they have access. But they face common problems linked to the sheer volume and seeming complexity of these data sources. Data, text, and media mining techniques offer potential avenues to enhance the utilization and understanding of the information and decision guidance hidden in voluminous data, text, and media sources. This special issue seeks to draw attention to the latest advances in techniques and applications in data, text, and media mining.

We encourage the submission of papers demonstrating the development and validation of innovative techniques that enhance our ability to draw knowledge from data, text, and media sources. We also encourage the submission of papers providing innovative applications of such techniques in all areas with particular emphasis on security, bioinformatics, financial decision making, marketing and customer relationship management, medical informatics and image analysis.

Topics include but are not limited to:

**Advances in Data and Text Mining Techniques:**

- Parallel and distributed data mining algorithms
- Scalable algorithms
- Data streams mining
- Process mining
- Graph mining
- Spatial data mining
- Text video, multimedia data mining
- Web mining
- Pre-processing techniques
- Visualization
- Security and information hiding in data mining
- Mining networks

**Data and Text Mining Applications:**

- Databases
- Bioinformatics
- Biometrics
- Image analysis
- Financial modeling
- Forecasting
- Classification
- Clustering
- Social Networks
- Security applications
- Automated recommender systems

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Manuscripts must be electronically submitted directly to [DSSspecialissue@business.uconn.edu](mailto:DSSspecialissue@business.uconn.edu) no later than January 31, 2010. Submit two copies in pdf format: one copy with author names, affiliation, and contact information and one copy without this information for review purposes. The review process will include first round decisions, followed by a special issue workshop (in person or virtual attendance required by at least one author of each paper advancing to the second review round), and then final decisions. Authors will be informed of first round decisions by March 15, 2010. Workshop presentations of revised selected papers (details to be provided) will be slated for mid May, 2010. Final acceptances will be made by June 15, 2010. Accepted papers will need to comply with *DSS* format and publication style requirements. Authors should consult the Instructions for Authors section at <http://www.elsevier.com/homepage/sae/orms/dss/menu.htm>.