



CALL FOR PAPERS

Geospatial Information and Documents (GeoDoc'2012)

PAKDD Workshop

May 29 - June 1, 2012 – Kuala Lumpur, Malaysia

Web Page: <http://www.lirmm.fr/~mroche/GeoDoc2012>

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Geographical or spatial information is now included in most of exchanged data. Sometimes, it is directly provided through metadata, but it is very often hidden and it becomes crucial to automatically discover it.

Natural Language Processing (NLP) and **Data Mining** communities have thus merged their efforts in order to extract geospatial information from textual documents, web pages, field data, and so forth. In this way, recent researches take into account the content of documents (e.g. terms) to identify geospatial data or to predict its geographic location.

Nevertheless, **spatial information** has some specificities that make discovering spatial information and/or spatial correlations from large amount of data still challenging. In this context, some proposals have been focused on the formalization of geospatial concepts and relationships, on the extraction of geospatial relations (e.g. rivers / body of water, town / suburb) in free texts to offer to the database community a unified framework for geodata discovery.

This workshop aims at discussing and assessing some of these strategies, involving NLP or Data Mining techniques, covering all or part of the issues mentioned above.

Topics of interest but not limited to:

- Geospatial information retrieval in documents
- Geospatial knowledge acquisition from documents
- Classification of geospatial documents
- Geospatial analysis of textual data
- Integration of geospatial documents
- Extraction of geospatial information from documents
- Geospatial thesaurus/ontology building from documents
- Quality of extracted geospatial information
- Analysis and integration of geospatial data from web documents
- Visualization of geospatial information from documents

Paper submission:

The papers limited to 12 pages must be submitted electronically in PDF format, using the EasyChair submission system (<https://www.easychair.org/conferences/?conf=geodoc2012>). Authors have to use LNCS Springer's manuscript submission guidelines.

Outstanding papers will be selected for publication in LNCS post-proceedings published by Springer.

Important dates:

13 January 2012: paper submission deadline

10 February 2012: author notification

24 February 2012: camera-ready due

