

# Patrick Maué Resumé

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## Contact:

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## Goals

My current research investigates the impact of emerging web technologies on applications for geographic information retrieval. My PhD is focusing on the benefits of a collaborative effort for the creation and maintenance of geographic information, and its integration into the upcoming semantic web.

## Education

Since 01.2006: PhD at the University of Münster, investigating if a collaborative effort for the creation and maintenance of metadata can improve the usefulness of geographic information.

12.2006 Dipl. (M.Sc.) Geoinformatik, University of Münster, Germany  
Thesis: *An extensible semantic catalog for (geospatial) web services*  
Advisor: Prof. Dr. Werner Kuhn  
Grade: Very Good

## Experience

Worked from 2002 – 2006 as student assistant in the following research projects:

**Hypersoil** Maintenance and creation of an e-learning platform for biology/geology education in schools  
**ACE-GIS** *Adaptable and Composable E-commerce and Geographic Information Services*, with focus on discovery and description of semantic web services  
**SERES** *Semantic Reference Systems*, with focus on ontology engineering  
**STAR** In cooperation with the company DFMG, with focus on software engineering and software maintenance

Currently working as research associate in the following research projects:

**SWING** *Semantic Web services Interoperability for Geospatial decision making*, with focus on ontology evaluation and ontology engineering  
**GDI Grid** Bringing SDIs (GDI) and Grid Technologies together, with focus on the local project administration and ontology engineering

*Publications*

- P. Maué (2007) An extensible semantic catalogue for (geospatial) web services. Article under review at: *International Journal of Spatial Data Infrastructures Research*
- P. Maué (2007) *Collaborative Metadata: The Need for Reputation*. Proceedings of 5<sup>th</sup> GI-Days, Young Researchers Conference. Probst, Florian and Kessler, Carsten. Münster, Germany.
- P. Maué (2007) *Collaborative Metadata for Geographic Information*. Accepted for: SABRE Conference on Social Semantic Web (CSSW 2007). Leipzig, Germany.
- E. Klien, D. Fitzner, and P. Maué (2007). *Baseline for registering and annotating geodata in a semantic web service framework*. 10<sup>th</sup> AGILE International Conference on Geographic Information Science, M. Wachowicz and L. Bodum. Aalborg, Denmark.