

Editorial

This new issue introduces the eighth volume of JIDM. It brings one article that was regularly submitted to the Journal, besides extended and revised versions of best papers from the Brazilian Symposium on GeoInformatics – GeoInfo 2016. GeoInfo was held in Campos do Jordão, from November 27th to November 30th 2016. Claudio E. C. Campelo served as the guest editor of GeoInfo. He was in charge of selecting the best papers from the symposium and conducting the evaluation process.

The first article of this issue was regularly submitted to JIDM. It is entitled “Querying Provenance along with External Domain Data Using Prolog”, authored by Wellington Oliveira, Kary A. C. S. Ocaña, Daniel de Oliveira and Vanessa Braganholo. Their work focuses on the analysis of provenance data, especially for the case when scientists need to analyze different types of provenance data together with external domain data. The authors present a novel approach for the problem, and show that it works even when the need for external data could not be anticipated during the workflow design and execution. A case study of phylogenetic analysis was performed to validate the proposals.

Section GeoInfo 2016 includes extended and revised versions of five best papers selected from the symposium. GeoInfo is a series of annual scientific meetings aimed at exploring ongoing research, development and innovative applications on geographic information science and related areas, besides bringing to Brazil leading GIScience and spatial database researchers to present to the local community a perspective of the state-of-the-art in the area. Most contributions to GeoInfo have a strong connection to data and information management, commonly focused on efficiently querying, updating and/or spotting patterns from spatial data. The articles included in this edition exemplify this characteristic, covering a diverse range of themes.

We would like to thank everyone who contributed to this edition of JIDM, particularly reviewers for their valuable comments and authors for their contributions and hard work in preparing their final manuscripts.

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