



WORKSHOP ON LINKED (OPEN) DATA: ACTIVITIES, IDEAS AND PRACTICES

@ **GI_FORUM 2015**
SALZBURG, AUSTRIA

07th July, 2015

<http://linkeddata.johannescholz.net>

CALL FOR PARTICIPATION

Data intense spatial applications can be supported using a variety of open data sources available on the Internet. Due to the fact that more finely granular open data sources from various providers become available for all possible uses, and the combinations therefore are unlimited, developing intelligent solutions using semantics is an important activity for scientists and practitioners. Guiding the linking of data sources makes cross cutting (aggregation, integration) and novel analysis of data sources possible and makes it possible to develop new insights.

The aggregation or integration of different data sources involves geospatial or attribute commonalities shared by at least two datasets. In order to establish accurate links between datasets the semantics of the data sets is of great importance. When working with spatial phenomena, the linkage of different datasets based on location helps to make additional links. In addition, other non-spatial datasets may be “georeferenced” with respect to their implicit location information. Even if 80% of all data is spatial, an enormous effort is required to work with this data. Linked open data approaches offer concepts and practices to help streamline development work and produce efficient processes with robust results.

For these reasons, this workshop aims to facilitate new ideas and highlight best practice work using linked open data to aggregate and integrate spatial data and non-spatial data regardless of the explicit or implicit expression of semantics. Connections between Information Integration and Semantic Web Technology are key elements of the workshop. Of importance in this respect are considerations of ways to identify entities/places in different datasets that utilize different universes of discourse or viewpoints.

The workshop is open to all and will take place in conjunction with GI_Forum 2015 (www.gi-forum.org) on July XX, 2015, in Salzburg, Austria. We are soliciting presentations (short, long, or poster formats) for the workshop now. **The deadline is ~~15 May 2015~~ 01 June 2015.**

WORKSHOP OBJECTIVES AND TOPICS

The objectives of the L(O)D workshop are to bring scientists and practitioners together and to share developments, ideas and best practice models involving Linked (Open) Data – especially work related to geospatial information integration. Besides the core subject of LOD, presentations on topics connected to Linked Data like Semantic Web Technology or Information Integration are of vital interest for this workshop. Emphasis will be given to short (5 minutes) and long (20 minutes) oral presentations in and interactive workshop discussions format in a lively format orientated to learning and networking. Space will also be provided for posters including time for informal presentations during the workshop. Participants can expect a vibrant exchange of ideas and creation of opportunities for future collaborations.

TOPICS FOR THE WORKSHOP INCLUDE, BUT ARE NOT LIMITED TO:

- Best practice examples, where spatial information and other data sources need are integrated;
- Identifying and presenting layers of information about a specific location;
- Technology landscape of semantic web technologies for spatial data/phenomena - problems encountered, solutions found or missing;
- Mappings /links between the SDI models, registers / registries and semantic ontologies;
- Information Integration of various data sources;
- Extracting and defining semantics of spatial open data;

CONTRIBUTION AND PARTICIPATION

The organizers of the workshop invite you to submit contributions to the workshop, offering the following formats:

- Oral presentation: to be considered for a short or long oral presentation, submit an abstract for review (max. 500 words).
- Poster: the presentation of a poster during the workshop requires submitting an abstract for review (max. 500 words).

The contributions will be reviewed by the scientific committee and the organizing committee and selected according to the reviews.

The workshop is fully integrated in the GI_Forum 2015 conference. Thus, there is no separate workshop registration fee besides the regular registration fee for GI_Forum 2015.

Please **submit** your **abstract** using the **EasyChair** system, which is available here:
<https://easychair.org/conferences/?conf=lodgi-forum-2015>

IMPORTANT DATES

Contribution type	Date
Submission of Abstracts for Oral Presentation	01-06-2015
Submission of Abstracts for Poster	01-06-2015
Notification of acceptance	15-06-2015

COMMITTEES

Scientific Committee

Andreas Blumauer (Semantic Web Company)

Johann Höchtl (Danube University Krems)

Adam Iwaniak (Wroclaw University of Environmental and Life Sciences)

Krzysztof Janowicz (University of California Santa Barbara)

Simon Scheider (ETH Zürich)

Dalia Varanka (U.S. Geological Survey)

Nancy Wiegand (University of Wisconsin - Madison)

Organizing Committee

Francis Harvey (Leibniz Institute for Regional Geography/University of Leipzig)

Johannes Scholz (Graz University of Technology, Institute of Geodesy, Research Group Geoinformation)

FURTHER INFORMATION

For further information please visit the Workshop Webpage (<http://linkeddata.johannescholz.net>) or contact the workshop organizers directly: Johannes Scholz (johannes.scholz@tugraz.at) or Francis Harvey (f_harvey@ifl-leipzig.de).