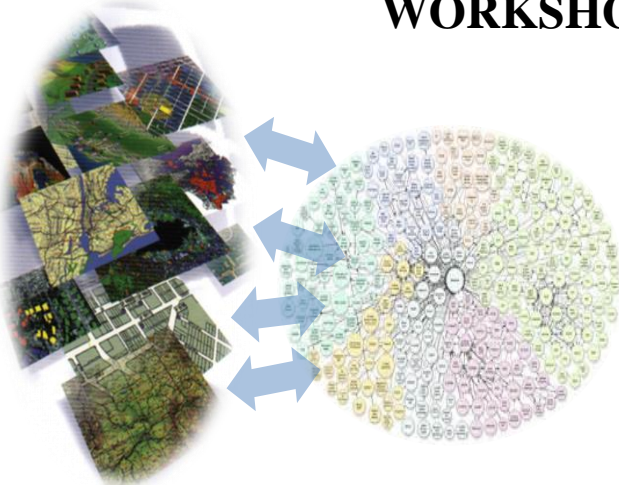


WORKSHOP ON LINKED OPEN DATA:



ACTIVITIES, IDEAS AND PRACTICES

@ **GI_FORUM 2014**
SALZBURG, AUSTRIA

01 July, 2014

[http://www.johannescholz.net/
LinkedOpenData2014.htm](http://www.johannescholz.net/LinkedOpenData2014.htm)

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 open data of various providers are available for any intended usage, and the combinations thereof are unlimited, developing intelligent solutions using semantics is inevitable. The intelligent linking of data sources makes the cross cutting (aggregation, integration) analysis of data sources possible and helps to develop new insights.

The aggregation or integration of different data sources requires commonalities shared by at least two datasets. In order to establish accurate links between datasets the inherent semantics of data is of central importance. Especially when working with spatial phenomena, the linkage of different datasets based on the location helps to get gather additional insights. 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.

Hence, the 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. Of importance in this respect are considerations of ways to identify entities/places in different datasets that utilize different universes of discourse or viewpoints. Thus, connections between Information Integration and Semantic Web Technology are key elements of the workshop.

The **workshop is open to all** and will take place **in conjunction with GI_Forum 2014** (www.gi-forum.org) on July 1, 2014, in Salzburg, Austria. We are soliciting **presentations (short, long, or poster formats)** for the workshop now. The **deadline is 22 April 2014**.

WORKSHOP OBJECTIVES AND TOPICS

The objectives of this LOD workshop are to bring scientists and practitioners together and to share current work, new ideas, and discuss best practices in the field of (spatial) Linked Open Data, especially work related to 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. 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 2014** conference. Thus, there is **no separate workshop registration fee** besides the regular registration fee for GI_Forum 2014. **Everyone is invited to attend the workshop!**

Please **submit your abstract** using the **EasyChair system**, which is available here:

<https://www.easychair.org/conferences/?conf=lodgi-forum-2014>

IMPORTANT DATES

Contribution type	Date
Submission of Abstracts for Oral Presentation	22-04-2014
Submission of Abstracts for Poster	22-04-2014
Notification of acceptance	12-05-2014

COMMITTEES

Scientific Committee

Adam Iwaniak (Wroclaw University of Environmental and Life Sciences)

Krzysztof Janowicz (University of California Santa Barbara)

Simon Scheider (University of Muenster)

Dalia Varanka (U.S. Geological Survey)

Nancy Wiegand (University of Wisconsin - Madison)

Organizing Committee

Francis Harvey (Univ. of Minnesota)

Johannes Scholz (Research Studio iSPACE)

FURTHER INFORMATION

For further information please visit the Workshop Webpage

(<http://www.johannesscholz.net/LinkedOpenData2014.htm>) or contact the workshop organizers directly:

Johannes Scholz (johannes.scholz@researchstudio.at) or Francis Harvey (fharvey@umn.edu).