

CALL FOR PAPERS

AGILE 2016 Pre-Conference Workshop

Link-VGI: LINKing and analyzing Volunteered Geographic Information (VGI) across different platforms

http://www.geog.uni-heidelberg.de/gis/link_vgi.html

WORKSHOP OVERVIEW

The number of Volunteered Geographic Information (VGI) and social media platforms is continuously growing, providing massive datasets of georeferenced content that is either actively contributed (e.g. adding data to OSM, Mapillary, or Flickr) or collected through more passive modes (e.g. enabling geolocation in Twitter feeds). Whereas contribution behavior for individual crowdsourcing applications has already been extensively analyzed in the literature, it is less understood if and how users participate in several crowd sourcing activities. Hence several research questions relevant to a better understanding of community involvement in data contributions have evolved. These include for example, whether activity spaces in different sources are spatially co-located or spatially distinct for individual contributors, or whether contributor communities evolve across platforms. As an example, users started to cross-link data from different platforms, e.g. by mapping OSM point of interests (POIs) and street features (e.g. street lamps, sidewalk information) based on Mapillary photographs, or by tagging Flickr pictures with OSM tags.

This workshop provides an opportunity for interested researchers to share ideas and findings on cross-platform data contributions. One portion in the workshop is dedicated to a hands-on session. In this session, basics of spatial data access through selected APIs and the extraction of summary statistics of the results will be illustrated.

TOPICS

The workshop shall focus, but is not limited to, the following topics and areas of research:

- User contribution patterns and data sharing across multiple VGI and social media platforms
- Accessing and visualization of VGI data from various platforms
- Understand differences in spatial/temporal coverage of contributions to different platforms
- Understanding how data are linked across different VGI/social media platforms
- What types of communities are evolving and emerging from VGI/social media platforms
- Investigating how cross-linked data are used in real-world applications
- Describing the effects of the growing number of VGI and social media on data quality and user behavior
- Assess the quality of cross-linked VGI
- Identifying current research questions and an emerging research agenda

IMPORTANT DATES

- January 22st 2016 - Call for short papers opens.
April 25th 2016 - *Call for short papers ends*. Review process begins.
May 9th 2016 - Review process ends
- Program committee decides on selected papers - authors notified.
May 23rd 2016 - *Camera ready copies due*
May 30th 2016 - Abstracts of selected papers available on the Link-VGI Website
June 14th 2016 - Link-VGI Workshop

DETAILS OF PAPER SUBMISSION.

Submissions are welcome in the AGILE 2016 Conference short paper format for which templates are available from the conference Website
(<http://www.agile-online.org/index.php/conference/conference-2016?layout=edit&id=284>) or
http://www.geog.uni-heidelberg.de/gis/link_vgi.html

HOW TO SUBMIT

Submissions should be emailed as a PDF document to agile@uni-heidelberg.de

REGISTRATION

Register for this workshop through the conference Website.

BEYOND THE WORKSHOP

Accepted workshop papers will be published on the workshop Website. Furthermore it is anticipated that a collaborative summary paper will be written summarizing the outcomes of the workshop. Depending on interest amongst participants the feasibility of a special interest journal will be investigated.

PROGRAMME COMMITTEE

- Vyrion (Byron) Antoniou, University College London, UK
- Jamal Jokar Arsanjani, Heidelberg University, Germany
- Pdraig Corcoran, Cardiff University, UK
- Hongchao Fan, Heidelberg University, Germany
- Georg Gartner, TU Vienna, Austria
- Brent Hecht, University of Minnesota, United States
- Hartwig Hochmair, University of Florida, United States
- David Jonitz, Heidelberg University, Germany
- Peter Mooney, Maynooth University, Ireland
- Dieter Pfoser, George Mason University, United States
- Ross Purves, University of Zurich, Switzerland
- Bernd Resch, University of Salzburg, Austria
- Adam Rousell, Heidelberg University, Germany
- Enrico Steiger, Heidelberg University, Germany
- Alexander Zipf, Heidelberg University, Germany