

**The first International Workshop on Semantic Statistics** (SemStats 2013) will be held in conjunction with [ISWC 2013](#), the 12th International Semantic Web Conference (21-25 October 2013, Sydney, Australia).

The goal of this workshop is to explore and strengthen the relationship between the Semantic Web and statistical communities, to provide better access to the data held by statistical offices. It will focus on ways in which statisticians can use Semantic Web technologies and standards in order to formalize, publish, document and link their data and metadata. The workshop will also cover the question of how to apply statistical methods or treatments to linked data, and how to develop new methods and tools for this purpose. Except for visualisation techniques and tools, this question is relatively unexplored, but the subject will obviously grow in importance in the near future.

The workshop will address topics including, but not limited to: *How to publish linked statistics?*

- What are the relevant vocabularies for the publication of statistical data?
- What are the relevant vocabularies for the publication of statistical metadata (code lists and classifications, descriptive metadata, provenance and quality information, etc.)?
- What are the existing tools? Can the usual statistical software packages (e.g. R, SAS, Stata) do the job?
- How do we include linked data production and publication in the data lifecycle?
- How do we establish, document and share best practices?

*How to use linked data for statistics?*

- Where and how can we find statistics data: data catalogues, dataset descriptions, data discovery?
- How do we assess data quality (collection methodology, traceability, etc.)?
- How can we perform data reconciliation, ontology matching and instance matching with statistics data?
- How can we apply statistical processes on linked data: data analysis, descriptive statistics, estimation, correction, visualization, etc.?

This full-day workshop is aimed at an interdisciplinary audience of researchers and practitioners involved or interested in Statistics and the Semantic Web. We welcome the following types of contributions:

- Full research papers (up to 12 pages)
- Short papers (up to 6 pages)
- Challenge papers (up to 6 pages)

**Important Dates**

- Deadline for paper submission: Friday, 12 July 2013, 23:59 (Hawaii time)
- Notification of acceptance/rejection: Friday, 9 August 2013
- Deadline for camera-ready version: Friday, 30 August 2013

Please see the complete Call for Paper at <http://datalift.org/en/event/semstats2013/cfp> .