



Fourth Edition of the International Workshop on Spatial Data Quality 11 – 12 October 2023

Following previous successful workshops in 2015, 2018 and 2020, EuroGeographics and EuroSDR are pleased to announce another workshop on spatial data quality to be held at the International Associations Centre, 40 Rue de Washington, Brussels, Belgium on 11 - 12 October 2023.

We are living through a time where trust is becoming more important, because it is becoming harder to gauge and measure. A large aspect of trust is based on source and provenance, and national mapping and cadastral authorities (NMCAs) have long been viewed as the source of official and high-quality spatial data for evidence-based decision making.

As geospatial data becomes more prevalent and ubiquitous in today's society the necessity to know more about the data being relied upon is increasingly more important. Innovative technologies are being employed to capture, manage, maintain and update spatial data faster and more effectively. While NMCAs implement these new efficient and cost-effective methods they also need to ensure that there is no impact on quality.

How can data providers ensure that their data continue to be trusted, that quality methods and processes are keeping up with the technological advances and user needs? How can the expectation of the end users that data are correct be met? How can data producers bring together data from multiple sources to ensure seamless, high-quality datasets? How can producers of authoritative data and communicate the trust, quality, provenance, relevance and content to all potential users?

This one-and-a-half-day workshop is being organised by the EuroGeographics Quality Knowledge Exchange Network and the Technical Data Knowledge Exchange Network together with the EuroSDR. The aim is to bring together producers, users, academia and software suppliers to expand on the ongoing debate on spatial data quality. Original and innovative contributions on the issue will form the basis of the workshop.

Workshop topics

Papers are invited on all topics related to spatial data quality, including (but not limited to):

- Lifecycle management
- Qualitative differences in methods of edge-matching
- Generalisation – maintaining quality
- Harmonisation
- Quality evaluation of spatial data
- Use of international metadata and standards
- Quality issues in spatial data infrastructures (e.g. national, INSPIRE)
- Communication/visualization of spatial data quality
- Spatial data usability / quality from the users perspective
- Impact of data quality on decision making
- Data Quality and AI (including algorithms)
- Data Quality and 3D
- Research trends in spatial data quality
- Practical implementation of spatial data quality assessment
- Quality Standards
- Software for measuring quality
- Quality of 3rd party data, crowdsourced / OSM etc.
- Spatial data quality policies
- Data quality and trust

Submitting content

Abstracts should be at least one page but no more than two pages long (approximately 400 – 800 words). Please use the template provided ([template link here](#) word document) for your submission. The deadline for submitting content is 17 July 2023.

All abstract submissions will be independently reviewed by the programme committee members. Their individual scores will be re-evaluated and result in one of the following final decisions: accepted, accepted on the condition that suggestions for improvement will be incorporated, or rejected. Notification of this decision will be communicated by 1 September 2023.

Abstracts accepted on the condition that suggestion for improvement are incorporated, have until 21 September 2023 to resubmit their final version. Abstracts accepted without suggestions for improvement will not be required to submit a final version.

Anyone wishing to give a demonstration of software or tools should apply through the abstract route stating what their presentation is and how it addresses one of the conference themes.

Abstracts should be submitted by email to SDQ2023@eurogeographics.org. Note the deadline of the 17 July 2023 for submissions.

Publication of papers

As part of the submission process, you will be asked whether you wish to have your abstract published as part of the proceedings of the workshop. These will be published through the EuroSDR Publication Office.

Timelines

15 May 2023	Workshop Announcement and call for papers opens
1 July 2023	Deadline for submission of content
1 September 2023	Notification of acceptance / rejection of papers
21 September 2023	Deadline for submission of final versions
11 - 12 September 2023	Workshop in Brussels / on-line

Programme Committee

- Jonathan Holmes (Committee Chair), Ordnance Survey, GB
- Carol Agius, Eurogeographics
- Victoria Persson, Eurogeographics
- Joep Cromptoets, EuroSDR / KU Leuven
- Anouk Huisman, Kadaster Netherlands
- Frédéric Cantat, EuroSDR / IGN France
- Joren Van Gysegem NGI Belgium
- Karin Mertens, NGI Belgium
- Kevin Thompson, Tailte Éireann
- Nienke Eernisse, Ordnance Survey, GB

Contact email for any queries SDQ2023@eurogeographics.org