1. Workshop name/title (and acronym is applicable)

Current trends of Volunteered Geographic Information in National Mapping and Cadastral Agencies (VGI in NMCAs) -

Lessons learned, good practice, novel research fields, and flagship projects

2. Description of the workshop by listing topic(s), objective(s) and planned outcome(s)

2.1   Topic(s)

Volunteered geographic information (VGI), crowdsourcing, geospatial data quality, trust, map production

2.2   Objective(s)

The objective of the workshop is to define and discuss the current role of VGI in NMCAs and develop an understanding of the value of research and work within the geospatial community for VGI. In this workshop we shall share insights on the value and usefulness of VGI and crowdsourcing for NMCAs to carry out their mapping assignments, and find out for what, with whom, and to what extent VGI has been used. Furthermore, this workshop will complement the results issued from an on-going online EuroSDR Survey Report.

Eleven years on of the first AGILE workshop (Leuwen, 2013) about VGI from the NMCA perspective, we propose a new workshop to share the lessons learned, good practice and current flagship projects in this area and to bring into focus the promising research fields exploring VGI methods, technologies, and communities.

This is important knowledge to ensure that the value of VGI in an "authoritative mapping" perspective is clearly understood and articulated by NMCAs and all other stakeholders.

This workshop will contribute to European level research into VGI, currently being carried out within EuroSDR, and will further strengthen the collaboration between EuroSDR and AGILE.

Depending on the results, our plan is to publish a journal article or at least an official EuroSDR workshop report (like the one published for the EuroSDR / AGILE 2023 workshop about GI science and value of Digital Twins) about the contents and findings of the workshop.

3. Abstract

This is how you want your workshop to be presented on the conference webpages (maximum 1000 characters)

What are the current trends of Volunteered Geographic Information (VGI) in National Mapping and Cadastral Agencies (NMCAs)? This workshop will provide lessons learned and good practice examples of using VGI in NMCAs as well as examples of flagship projects. In addition, by bringing together VGI, NMCAs and scientific communities, we aim to identify new research and technological challenges to explore.

4. Short description of the intended length (half or full day) and the format of the workshop

The workshop will be a full day event:

Session 1 (morning): Lessons learned and good practices.
Presentation of the results of the EuroSDR VGI survey and contributions from both AGILE workshop (2013 and 2024) participants who will be invited to give their views in short presentations and expert (NMCAs) talks. In addition, contributions from VGI research and other communities (NGO/industry) will be invited to give an external perspective on the topic.

Session 2 (afternoon): Presentations about flagships projects and group discussion in break out groups about the fields to explore. The outcomes of the group discussions will be presented by the groups and wrapped up by the workshop organisers.

The invitation to participate in the workshop will also be distributed within the AGILE and EuroSDR network.

5. Brief statement of the relevance of the workshop for AGILE

Crowdsourcing and VGI are long established topics of the AGILE conferences and they have been on the agenda for more than 10 years. Now is a good moment to make an interim analysis about where we are now and what has been achieved. This is highly relevant for AGILE community and provides an excellent platform for collaboration with EuroSDR.

6. What is the approximate number of expected participants?

40

7. Names and e-mail addresses of the organizing member(s)

Programme and Organizing Committee (if applicable):

Juha Oksanen, Finnish Geospatial Research Institute (FGI), National Land Survey of Finland, Juha.Oksanen@nls.fi (Agile Council member), contact person

Peter Mooney, Maynooth University Peter.Mooney@mu.ie

Ana-Maria Raimond, LASTIG laboratory, Université Gustave Eiffel, IGN- ENSG Ana-Maria.Raimond@ign.fr

Jeremy Morley, Ordnance Survey Great Britain Jeremy.Morley@os.uk

Paul Kane, Tailte Éireann Paul.Kane@tailte.ie

Frédéric Cantat, IGN France, chair of EuroSDR commission 4 Frederic.Cantat@ign.fr

8. Additional information about previous workshops, if held.

Crowdsourcing in National Mapping (Agile 2013, Leuwen): https://agile.uw.tu-dresden.de/agile-actions/archive/crowdsourcing-in-national-mapping and https://www.eurosdr.net/sites/default/files/uploaded_files/eurosdr_no64_d.pdf and EuroSDR's follow-ups in 2017 and 2020.

9. Expected resources needed

No separate break out rooms needed, but the main room would need to be set up as round tables to enable smaller group discussions. There is also a need for internet connection.

10. Other information

Submission by e-mail to:

Dr Qunshan Zhao: Qunshan.Zhao@glasgow.ac.uk

Or Dr John Xiaogang Shi: John.Shi@glasgow.ac.uk