

The background of the slide is a photograph of a clear blue sky with several fluffy white clouds scattered across it. The clouds are most prominent in the lower half of the image.

Challenge

What actions would improve spatial data and map quality?

Tweet [#SDMQ2015](#)



Ray Patrucco and 1 other retweeted



Matthew Tobin @MatthewTob1n · 23h

#SDMQ2015 saw this in a walk around Hackney last week. very relevant to today's presentations so far!



EuroGeographics and 1 other retweeted



Laila @Laila61 · 23h

Crowdsourcing at #SDMQ2015 Most NMCA's don't do their own collecting anymore: VGI is a challenge mainly for private sector?

← ↻ 2 ★ 2 ⋮



Rodolphe Devillers @seamap · 23h

Open data is changing the type of spatial data users with more private and commercial users. #SDMQ2015



★ Rodolphe Devillers favorited



Bart De Lathouwer @BartDeLathouwer · 23h

VGI will not replace NMCA's data - but additional data. GVI uses NMCA's data for quality assurance and conflation #SDMQ2015 #CobwebFP7

← ↻ 2 ★ 1 ⋮



Laila and 1 other retweeted



Claire Ellul @claireellul · 22h

How much are end users of the data (especially non-GIS experts) involved in setting useful, relevant quality criteria? #SDMQ2015



4



2



Antti Jakobsson @AnttiJakobsson · 21h

At the opening session #SDMQ2015 we concluded: Focus on quality management of Spatial Data coming from various sources, LEAN the processes.



Rodolphe Devillers @seamap · 9m

"quality assurance systems are a prime defence against liability claims" @laila61 at #SDMQ2015



1



Antti Jakobsson @AnttiJakobsson · 3m

#SDMQ2015 @ELFProjectEU ELF Geo Product Finder will change usability of metadata says @Laila61



Rodolphe Devillers @seamap · 1h

"VGI is here to stay and things will get more and more complicated" in terms of data quality said Vyron Antoniou #SDMQ2015



4



1





Rodolphe Devillers @seamap · 1h

#SDMQ2015 challenge: How to improve spatial data/map quality? My answer: better using the power of the crowd! People are the future of maps!



3



Matthew Tobin @MatthewTob1n · 43s

Great presentation from Flemish Geographical Information Agency. New ways of quality controlling data and storing error history.. #SDMQ2015



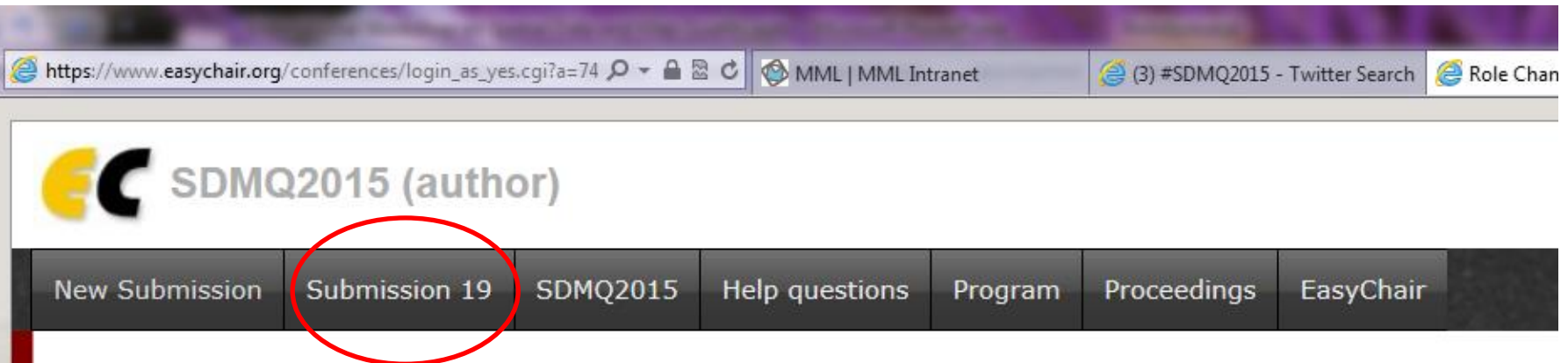
Final remarks Day1

- **Change** in the business of NMCAs, adopt VGI, managing quality comes to main business of NMCAs, data is coming from various sources
- Quality is necessary but it should be based on **LEAN principles** (only do what is benefiting users and increasing business value)
- ELF is (authority) sourcing platform, providing **tool set** for this new paradigm
- Tools will be **developing towards geoprocessing** utilizing data in the Cloud
- Data evaluation should be done **close to the production** (so provide tools to data providers that they can utilize)
- **Evaluation of large dataset is challenging** with current tools
- **Challenge in finding appropriate data even metadata** is provided (UK) in case when user is looking only open data
- **Predictive analytics** may be used for replacing manual checking work
- Metadata does not work –something better has to be invented
- There are no good tools to evaluate quality of metadata

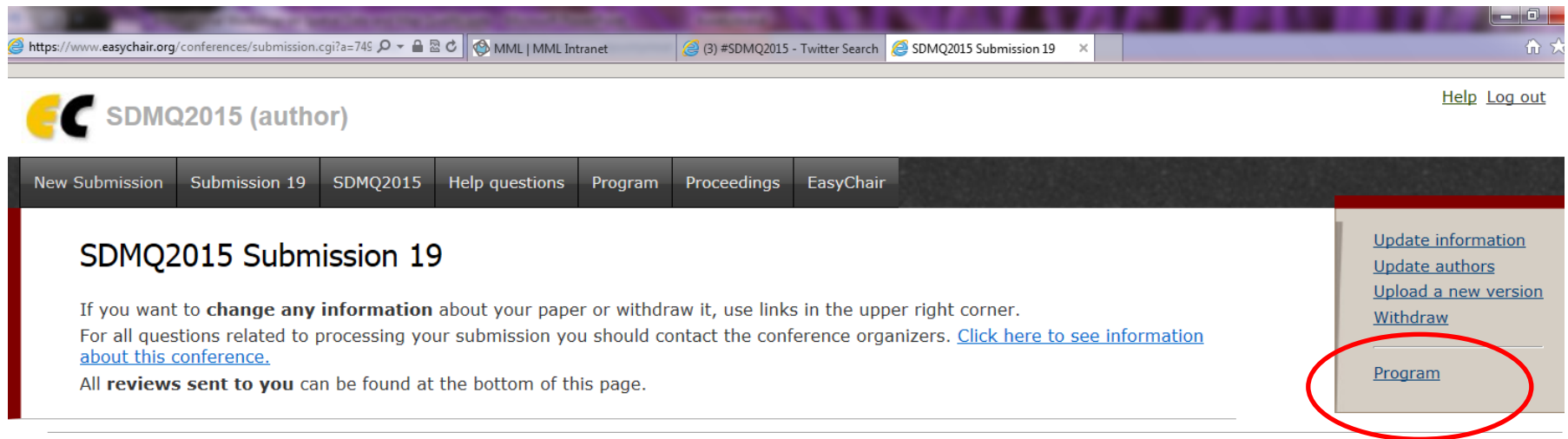
Final remarks –Day2

- Quality assurance is needed to **protect** against liability claims
- There should be **signals** (from better informed like specs, audits etc.) and there should be **incentives** (from poorly informed, like financial support) for data quality (example VGI)
- Socio-spatial data quality should be considered when combining data
- Map data quality is not well defined (yet), cartographic quality should be taken into account
- ISO 2859-1 and 2859-2 are well suited for testing positional accuracy (and can be used for other geographic sampling needs)
- Good practices on data quality control and metadata implementation (more than discovery) from Flemish and Catalanian mapping agencies
- Results on methodologies for spatial data quality

Please remember to upload your slides to easychair.org



The screenshot shows the EasyChair website interface. The browser address bar displays the URL https://www.easychair.org/conferences/login_as_yes.cgi?a=74. The page header includes the EasyChair logo and the text "SDMQ2015 (author)". A navigation menu is visible with the following items: "New Submission", "Submission 19", "SDMQ2015", "Help questions", "Program", "Proceedings", and "EasyChair". The "Submission 19" item is circled in red.



The screenshot shows the EasyChair website interface for a specific submission. The browser address bar displays the URL <https://www.easychair.org/conferences/submission.cgi?a=745>. The page header includes the EasyChair logo and the text "SDMQ2015 (author)". A navigation menu is visible with the following items: "New Submission", "Submission 19", "SDMQ2015", "Help questions", "Program", "Proceedings", and "EasyChair". The main content area displays "SDMQ2015 Submission 19" and provides instructions on how to update information or withdraw the submission. A sidebar menu on the right contains the following items: "Update information", "Update authors", "Upload a new version", "Withdraw", and "Program". The "Program" item is circled in red.

Talk 19

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To **edit information about an author** or **delete an author** click on the appropriate cell in the authors table.

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Talk

Proceedings and (a Book?)

- Online proceedings will be published
 - Abstract
 - Presentation
 - Recording of the presentation
 - Available through ELFproject/EuroGeographics
- Publishing a book is considered
 - If interested please inform Antti Jakobsson by end of Jan 2015
 - Focus on Spatial Data and Map Quality – themes presented in the workshop
 - Based on invitation and will be peer-reviewed full papers



International Cartographic Association
Association Cartographique Internationale



How to Continue?

Next workshop 2017-2018?





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Focus on

