EFGS 2020 Webinar 20-21.10.2020 - Day 2- issues discussed on chat

Session 3

GAFFURI Julien (ESTAT)
To pier-Giorgio: What are the geo/stat integration methods you plan to consider at the data content level, which would result in more tangible improvement of statistical products ? Dasymetric disaggregation is a good example.

Andrzej Słowik
Regarding Copernicus Land Monitoring Service - **Urban Atlas project**. Does the new GIS data (2018 year or 'younger') for **central Europe** is available anywhere? Greetings from Krakow!

POELMAN Hugo (REGIO)
Urban Atlas 2018 is scheduled to be complete by the end of this year

Jerker Moström
@David Martin: Interesting as always! Have you considered use of mobile nework data for your modelling?

David Martin
@Jerker Moström Yes, although access to appropriate data has proved very difficult in the UK - even working collaboratively with a mobile provider! Of course, the Google mobility data is mobile-based too

Pier-Giorgio Zaccheddu
To Julien: on the data content level we are currently focusing on methods which use addresses, cadastral parcels, administrative units or road networks... but the list is not conclusive yet as the methods' collection has not yet been concluded. Re "Dasymetric dissagregation": sounds interesting! Could you provide us with more information - through Hannes Reuter (he is the new representative in the WG) or by yourself?

Jerker Moström
@Marcus & co: I guess there are few people that would be happy to read your report, so I vote for translation :-)

AT_NSI_Ingrid Kaminger & colleagues
@marcus: very nice presentation, german version is fine for us :-) will you be able to incorporate additional recommondations (provided by geostat4 soon)?

Stephan Arnold (Destatis)
@Marcus Brühl: Is there a plan in the pipe to install a centralized collective database that can hold all cadastral parcel data of germany from the "Bundesländer" (like BKG already does with topogaphic data)? *sorry, topographic

Marcus Brühl / BKG
@Jerker,: We will find a way to feed in our translated report into the discussions of EFGS and comparable initiatives in 2021.

Marcus Brühl / BKG
@Ingrid: After finalising the report (reflecting only the Geostat 3 output) we will have a closer look on the Geostat 4 output.

Paul Alexander, CSO, Census Geography, Ireland
Thank you Gísli really nice! We're thinking about using PGrouting in Ireland with postgres, wondering how efficent it is using large complex datasets? Can you perhaps comment on the processing times using this? Certain its faster than ESRI network analyst but.... :-)

Gísli Pálsson
Dear Paul, I've used PgRouting for both massive datasets (US-based) and relatively small ones, and I've been very impressed

Gísli Pálsson
I've used it to create models rather than on the fly processing, however, so the processing time is not a great concern given that I write all the routes to a table, which can be queried extremely fast.

Marcus Brühl / BKG
@Stephan: A centralized provision is really, really a strong demand - but difficult to achieve. Our report will be hopefully addressing it very explictly for our managament once again.

Paul Alexander, CSO, Census Geography, Ireland
Thanks Gísli, sounds like its pretty efficent and reassuring to hear its being used for something similar :-)

Gísli Pálsson
Paul, I can send you the Python code to build the network if you'd like. My email is gisli.palsson@hagstofa.is

Stephan Arnold (Destatis)
Is it visible who or what is here the bottle neck (receiver or giver)?
Stephan Arnold (Destatis)
(sorry, yes, additional question to Marcus)

OLARTE QUIROZ JOSE LUIS
To David Martin. Really terrific. Could your model incorporate mobility data ?... How ?...

Paul Alexander, CSO, Census Geography, Ireland
I suppose ONS / OS need to be careful with assigning populations to catchments, its terrific work, but like ourselves in Ireland, we have to caveat our new "experimental" releases heavily but our appetite as an organisation to take on more "imperfect" data has grown massively - the so called silver lining I guess, hopefully other countries are also gaining access to data thanks to shared response to the pandemic!

David Martin
We are also going to face a major impact on the 2020/21 census round for any questions about place of work/travel to work/ etc. which will be massively impacted by lockdowns/working from home - that will impact the data for years to come. Gisli's frequent register data is the way to go!

Paul Alexander, CSO, Census Geography, Ireland
Thanks Andrew, I agree fully, I'm just worried for example if you create "approximated" geographies for a specific release, and they prove popular... you end up being stuck with them ;-) e.g. our version of postcode regions!

Kaleta, Robert
Paul - there is a balance to be struck there. We're using standard approaches for assigning populations etc to catchments/non standard geographies. We're careful not to over do what's possible and keep the customer's requirements in check. But yes you're absolutely right about being careful with experimental products.