CES 23.06.2020 – comments and questions from the chat

Item 6: New roles for statistical and geospatial agencies in emerging national data ecosystems

Andrew Coote: Can you share URLs of papers quoted in Mart's presentation?

UNECE_Stela_DERIVOLCOV: https: //www.unece.org/index.php?id=53381

UNECE Stat: Mart is referring to one paper prepared by a group of countries that he mentioned. This is paper 10 to CES http: //www.unece.org/fileadmin/DAM/stats/documents/ece/ces/2020/ECE_CES_2020_10-2005282_E.pdf

AUSTRIA_Tobias_Thomas: very inspiring, thank you

Vjollca Simoni: Thank you very much for your excellent presentation! INSTAT, Albania

Marjo Bruun: Well put together, Mart!

Juan OVIEDO: The document addresses in a very good way the need of the NSOs to adapt to the digital era, seizing opportunities and re-define their strategies in a new data ecosystem.
However, it is recommended that some key aspects be studied in greater depth:
a.   Users require granularity: beyond timeliness, there is also an expectation that data are granular, for example locally relevant. It means to think about what strategies NSOs should address to strengthen the integration of statistical and geospatial information and provide georeferenced statistics.
b.   In order to take advantage of smart data, digital infrastructure and data ecosystem the NSOs requires the strengthening of capacity building, it is recommended to provide guidelines to support the implementation of strategies to promote expertise, ethics, skills and data literacy.

Anil: Excellent Overview and presentation Mart!!

Anil: Agreed Juan!

NORWAY Geir Axelsen: Thanks for a good presentation, Mart. We see it beneficial to approach the data-ecosystem and the NSO role in this systematic way and that establishing an action plan could be a way to go.

Julio A Santaella: Very good presentation Mart and I fully agree with Juan Daniel

Mariana Kotzeva: Very inspiring Mart especially at time when EU is accelerating the creation of common European Data spaces integrating varios souccres acorss countries. Thank you!!

Andrew Coote: National statistics organisation (by SIC codes) does not allow geospatial activties to be easily extracted. This makes it difficult to infer economic significance. Is this on the agenda for NSOs?

Rolando Ocampo: I fully Agree with Juan, I would add the need of having strong coordination between NSO and National Geospatial Agencies.

Andrew Coote: Measuring ocean economy, US Bureau of Economic Analysis There is a recent publication by BEA in US to create a sub account for Ocean Economy may offer a model. https:

//www.bea.gov/system/files/2020-06/defining-and-measuring-the-united-states-ocean-economy.pdf

Julio A Santaella: Geospatial information cut across many (all) economic activities; therefore, its value needs a specific identification that does not correspond to a single SIC code; for example, a satellite account following the NSA methods could be developed

David Henderson: Thank you @Tomaz for referencing the 3rd review of the UNGGIM Future Trends in Geospatial Information Management, many common trends that are impacting geospatial and statistical data - further info can be found here - http: //ggim.un.org/future-trends/

C Teo: The UN Integrated Geospatial Information Framework (IGIF) provides a basis and guide for developing, integrating, strengthening and maximizing geospatial information management and related resources in all countries. Please refer to: http: //ggim.un.org/IGIF/

Greg: Thanks Tomaz. The Integrated Geospatial Information Framework (IGIF) is on the UN-GGIM webite: http: //ggim.un.org/IGIF/

Marjo Bruun: Very informative, Tomaz! we can see we are in the same boat :)

Julio A Santaella: UNGGIM standards such as IGIF an GSGF should be blended with the different HLG MOS models that have been proposed (GSBPM, GSIM, GAMSO, CSPA, etc)

AUSTRIA_Tobias_Thomas: thank you for this very informative presentation, Tomaz

Greg: Agree Julio!

Frank Tierolff: Thank you Thomaz for your excellent presentation. Together we can gain much more added value for society!

Anil: Thank you Tomaz for an excellent overview and laying out the possibilities and challenges and for the interesting work being done in the geospatial world!

Greg: Great examples of both human and data integration and interoperability for decision-making Colin! Congratulations.

Andreas Hadjiraftis: Very impressive presentation Colin. Thank you.

AUSTRIA_Tobias_Thomas: thank you for your inspiring contribution, Colin

SPAIN_Antonio_Salcedo: Thank you for your presentation, Colin

Juan OVIEDO: Great integration initiative Colin!

elf: Interesting Colin and clear use of different data.

Mariana Kotzeva: Great examples of doing data ntegration in practice, when the insights were very much needed in the combat against Covid-19. Thank you Colin.

NORWAY Geir Axelsen: Good to see your examples of concrete collaboration initiatives, Marjo, and the link to strategy and information management.

Anil: Fully agreed with Marjo that we need to keep the user at the Center, ensure greater value collaboration and then align efforts to pursue it! A pragmatic manner with demonstrated value will be important so that this does not become a theoretical exercise!

Andrew Coote: Act on Information Management in Public sector in Finland. If this is available in English could be very helful to developing countries in particular.

AUSTRIA_Tobias_Thomas: I could not agree more, Marjo

ESTONIA Mart Mägi: Great presentation, Marjo - good points about common challenges and solutions

Finland_Timo_Koskimaki: information management in public sector, Finland: https: //www.finlex.fi/en/laki/kaannokset/2019/en20190906

AUSTRIA_Tobias_Thomas: thank you to all for sharing this excellent work

SWEDEN_Lars_Werke: We welcome and strongly support the recommendations on how to geo-enable statistical production put forward by Portugal

Denise Kronemberger: The Brazilian SDG Platform has the Interactive Geographic Platform that was developed by IBGE for geospatial information analysis. Once in this Platform, the SDG indicators can be analyzed together with other elements of interest, such as roads, rivers, maps or any geoservice published in the Geospatial National Infrastructure. It is available on: https: //odsbrasil.gov.br

Andrew Coote: can someone put Steven's first slide URL into the chat box?

UNECE Steven Vale: http: //www.unece.org/stats/documents/2020.06.ces.html

Juan OVIEDO: Following the interesting presentation of Julio about the Mexican leading experience. in Colombia be also believe that the geospatial component should be transversal and inherent in the production of information. For this reason, it is recommended to explore the use of statistical and spatial analysis techniques to support the logistical processes of statistical operations, data analysis, validation and comparison of information, taking into account the statistical contribution by users through methods such as the crowdsourcing data, that could supplement the data with additional variables.

Carina: Geographical Digital Twins
Statistics Netherlands would like to share a promising and inspiring example of collaboration between the statistical and geospatial community. Although the concept of 'Digital Twin' has gained increasing attention, a current remarkable example is a research study on COVID19 'superspreaders' using a combination of a statistics-enhanced digital twin and agent-based modelling to simulate the effects of certain policy measures. Exploring the possibilities of digital twins in general, or in specific uses cases (like urban planning, mobility studies, disaster management), could be a topic to address more systematically in a collaboration between the statistical and geospatial communities.

Juan OVIEDO: Julio's presentation, it is absolutely clear geospatial tools are key to optimizing the collection of high-quality statistical information, exploring also the use of geospatial data such as satellite images as a new source of information to generate official statistics.

JULIO.SANTAELLA: The main point was to provide two examples of the interaction between the statistican and geospatial domains: (i) builing the geostatistical framework; and (ii) achieving interoperability through common standards (GSBPM and MPEG)

Andrew Coote: Q2 data strategies - figures would be very different if there were more developing countries on the call. Lack of data sharing is THE problem.

Vjollca Simoni: Lack of common identifiers is also a gap for us

ESTONIA Mart Mägi: Both topics are really relevant, Julio! Excellent presentation and also good points raised.

Juan OVIEDO: You are right Andrew! sharing is the key. However, sources must be guaranteed protocols for the protection and security of their data, which raises the need for a thorough discussion of the concept of data ethics. Principles and guidelines must be defined to guide the ethical aspects at each stage of statistical production.

Robert Balanche: Buildings

Carina: houseprices

Robert Balanche: Buildings

Anil: We are doing some interesting work on dashboards, linking health to the built environment, social infrastructure, and replacement of surveys (reduced burden)...

Andrew Coote: working together on common messages to take to political decsion makers to garner investment.

FRANCE_Sylvie_LAGARDE: Setting up address and building registers together

Frank Tierolff: fact based spatial planning decisionmaking

Carol Agius: https: //un-ggim-europe.org/

NORWAY Geir Axelsen: Interoptabliity via common standards

ESTONIA Mart Mägi: Main joint activities - common data and metadata standards, common quality guidlines, common reference systems (like adress systems)

Andreas Hadjiraftis: Set key registers for addresses, buildings and administrative units.

Greg: Perhaps the CES and UN-GGIM can be better integrated. They are both UN entities.

AUSTRALIA_Teresa_Dickinson: Statistical-geospatial data integration tools available for open use

Lorraine McNerney: Some ideas for geo-statistical collaboration:
(i)   Further develop and collaborate on the United Nations Sustainable Development Goals 2030 agenda, both nationally and internationally
(ii)   Support the technical rollout of National Data Infrastructure (NDI)
(iii)   Support the Census Geography requirements in preparation for Census 2021.
(iv)   Further develop national boundary data, including as linked open data.
(v)   Jointly deliver other national initiatives during 2020 identified in support of mutual geo-statistical aims.

amalia velasco: thanks lot. yesi in the UNGGIM you can find other examples of data integration

Frank Tierolff: public challenges as energy transition, climate adaptation, disaster management

Pierre.Jamagne: Inspire implementation

DK Steen: Address and buildings Shall not be in the same register but connected. You have addresses without buildings

ES_Nuria Valcarcel: identification of settlements using both geospatial and statistical requirements. This includes irregular settlements

FAO_Valerie_Bizier: Common reference systems would be very useful for international organizations

Anil: How we can leverage our strengths to increase granularity, speed, and increased use of our mutual work.

j.dygaszewicz@stat.gov.pl: x,y coordinates for all address points

Andreas Hadjiraftis: Integrate geographical names in key registers

Michael Berg Rasmussen: Delimination of urban areas

Juan OVIEDO: In Colombia we developed a COVID19 vulnerability geovisor which puts together information about comorbidities, adult population, household overcrowding, population density, intergenerational risk. See http: //visor01.dane.gov.co/visor-vulnerabilidad/

angela f: Register of Place in Italy

Francisco Lima: Full data integration

BELGIUM_Roeland_Beerten: At the regional level there can be different demands yes

New Zealand Blair Cardno: Yes, but we run into the challenge of spatial data confidentiality.

NORWAY Geir Axelsen: Not in our relatively small country

Frank Tierolff: yes, public challenges often require an integrated approach based on multi data

Greg: In UN-GGIM, we are seeing demand in this area for the IGIF to be applicable at the local level for local situations. This demand will grow across the entire data ecosystem.

BELGIUM_Roeland_Beerten: In a federal setup the dynamics and interactions of regional vs. federal level will be different

ES_Nuria Valcarcel: Identification of places/builings/setllemets where people "works" (not residential use)

Vjollca Simoni: Albania, is working with the support of Swiss Project to empower the local level data and statistics to help the decision making.

alice born: Yes, great need for neighborhood level data for emergencies and planning

JAPAN Akira TSUMURA: There are demands, but privacy issues also exist.

Juan OVIEDO: With the data revolution we have seen the emergence of some inherent and yet critical issues of data access rules, data quality issues and privacy rights. Users require information with minimum 'time-to-market', Granularity and "trusted quality".

SERBIA_Branko_Josipovic: Definitely, there is many demands for local level decision making and official statistics need to have new role in that domain

México_Paloma_Merodio: Congratulation to UNGGIM Europe and UNECE for this joint session!! In the Americas, we had a similar event in November at the Statistical Conference of the Americas and this was the declaration https://cea.cepal.org/10/sites/cea10/files/cea.10-declaration-integration-geospatial-information.pdf

AUSTRIA_Tobias_Thomas: thank you for your important words, Lidia

Mariana Kotzeva: Looking forward to continiung the cooperation. Thank you for the great session involved.

Andreas Hadjiraftis: What is the actual level of collaboration today? Is there a way to present actual figures?

Anil: Good level of interest and excitement about the possibilities for joint work and mutual increased value. Leveraging the work of the HLG-MOS can bring greater harmonization. We need to leverage this in a pragmatic way with concrete joint work and regular contact.

Andrew Coote: National Information Infrastructures (NII) are being advanced in some countries as an umbrella term for data strategies - the word infrastructure has some appeal and power?

Ingrid Vanden Berghe: Thanks to all speakers and to all participants. I have to move on to the next virtual meeting now. As said, let's keep up the good collaboration. And keep safe.

brian moyer: Excellent session! Thank you. Greater focus on sub-national information and standards would promote better integration of geospatial work with statistical work/products.

Andrew Coote: Very good discussion - thank you.

Maria Brovelli PoliMI: Thank you for the excellent session!

Andrew Coote: 2022 sounds a long time away

ITALY_Marina_Gandolfo: yes

tomaz.petek@amis.net: Thank you to all participants and looking forward for further collaboration and cooperation between NSI and NMCA

AUSTRIA_Tobias_Thomas: superb session, Marjo

Item 7 How official statistics and geospatial data can help to deal with the Covid-19 pandemic, including supporting SDGs

Poland_Dominik_Rozkrut: Julio's current presentation is super interesting

Anil: Very impressive presentation Julio!

Anil: The speed at which the UK got ahead of the demands of the current situation is inspiring!

JULIO.SANTAELLA: INEGI's geoportal can be found at: https://gaia.inegi.org.mx/covid19/

Marjo Bruun: Congratulations Julio, excellent presentation!

Anil: Hard to do statistics without data and having access to new sources of data in a timely way responsibly is key!

Marjo Bruun: Thank you sir Ian, very useful examples! You have been active fast.

Anil: A number of countries have demonstrated the ability to use innovative data sources to bring greater understanding...

Marjo Bruun: Anil, you are making a good point - we have all been busy serving the society with relevant data fast :)

Poland_Dominik_Rozkrut: ONS acted lighning fast, congrats Ian!

Poland_Dominik_Rozkrut: @ Marjo and @Anil: indeed, we're still busy dong next things

AUSTRIA_Tobias_Thomas: very inspiring session, thank you all.

COSTA RICA Cathalina García: excellent sessions

Anil: Leveraging the current innovation to build a more responsive NSO culture and collaboration at the global level provides real opportunities to increase relevance and value...

Anu Peltola: It would be interesting to discuss further the use of new data sources and development of new statistics to measure the impact of COVID-19, e.g. what private data have been used and how useful have they been?

Marjo Bruun: Anu, this discussion continues for sure. Something also tomorrow

Anu Peltola: Yes, next time and in future meetings as well

Denise Kronemberger: Thank you so much !! Congratulations for the very good presentations!

Francisco Lima: Excellent session. Thanks.

Vjollca Simoni: Thank you very much!

Russia_Georgy_Oksenoyt: Thank you very much! It is really important!

Yoel Finkel: Excellent session. Thank you all and looking forward to the session tomorrow.

97690: Excellent. Thank you all Mongolia

Poland_Dominik_Rozkrut: Thanks! A lot of interesting content, great presenters!

Denise Kronemberger: Regards Brazil !!