



**United Nations Economic Commission for Europe
Statistical Division**

UNECE Activities on Integrating Statistical and Geospatial Information

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Building Networks

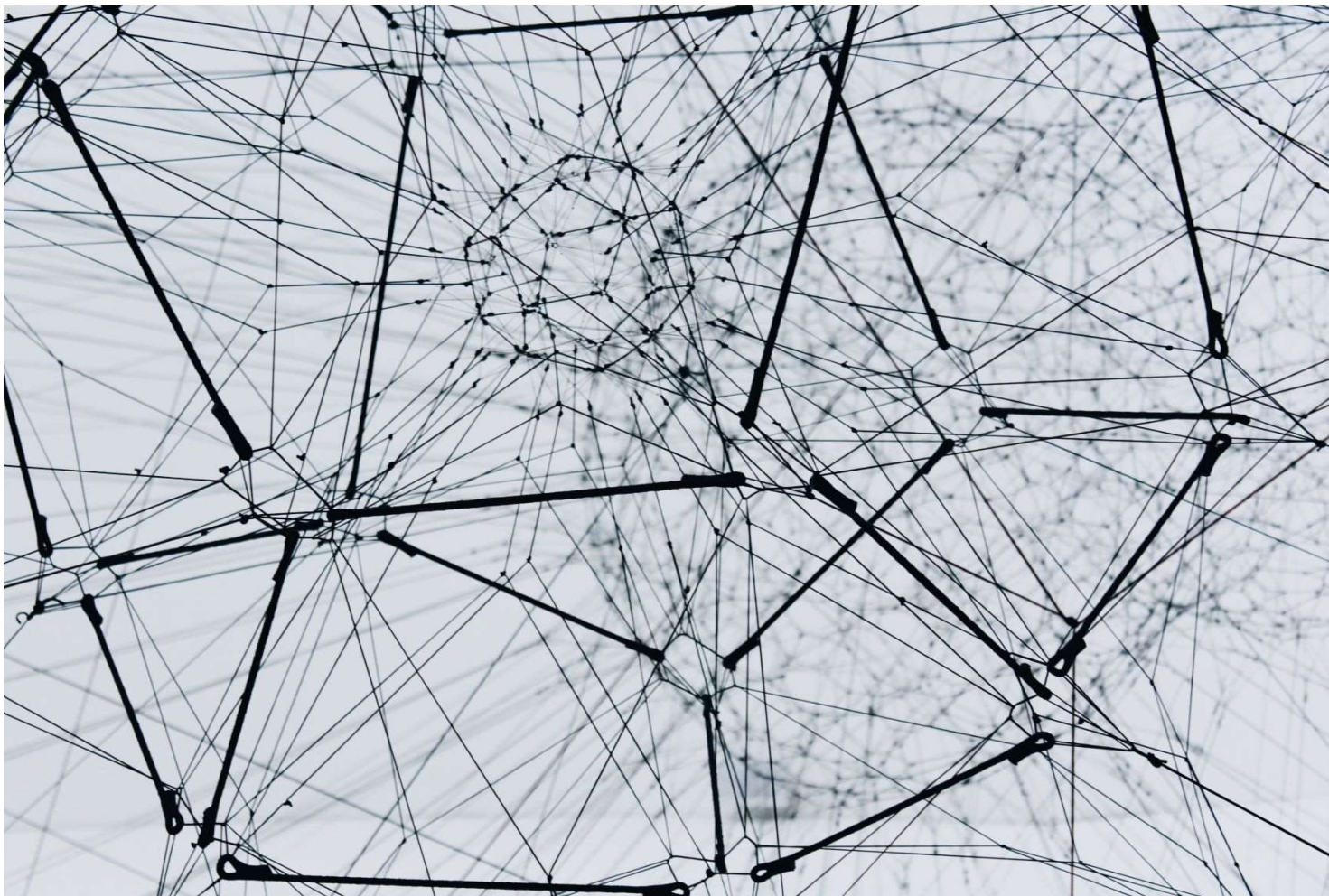


Photo by [Alina Grubnyak](#) on [Unsplash](#)



Main Events: 2020

- ❖ Eurostat / UN-GGIM: Europe / UNECE Meeting on the Integration of Statistical and Geospatial Information, **On-line**, 27 March
- ❖ Webinar on Geo-statistical Responses to the COVID-19 Crisis, with GFGS, on-line
- ❖ Joint Plenary Session of UN-GGIM: Europe and Conference of European Statisticians
- ❖ New series of “Coffee Talks”



Webinar on Geo-statistical Responses to COVID-19

- ❖ Organised with   20 May 2020
- ❖ >120 participants, >40 countries
- ❖ Contributions from:
 - GFGS (Norway, Portugal, USA)
 - Eurostat
 - Ireland
 - European Commission (DG Regio)
 - Columbia University, USA
 - Mexico
- ❖ Presentations at <https://statswiki.unece.org/x/CoIOEQ>



Webinar – Key Points

- ❖ Ireland and Mexico reacted quickly, re-using existing tools, data-flows, partnerships, legal frameworks: **Design for re-use**
- ❖ Importance of integrating data from multiple sources - statistical, geospatial, admin, other
- ❖ Data sharing and integration are facilitated by common standards, particularly in a crisis
- ❖ Dashboards are a user-friendly approach to present key information at a glance

Joint Plenary Session: Topic 1



- ❖ New roles for statistical and geospatial agencies in emerging national data ecosystems
- ❖ Conclusions:
 - Geospatial and statistical data are cornerstones of national data ecosystems. Statistical and geospatial agencies can support each other to enhance their roles
 - Create a joint task team to determine where geospatial and statistical standards need to be better aligned to ensure greater interoperability



Joint Plenary Session: Topic 2

- ❖ How official statistics and geospatial information can help with the Covid-19 pandemic
- ❖ Conclusions:
 - The examples demonstrated how NSOs and geospatial agencies were able to respond quickly with the data, tools and analysis for making the right decisions in this challenging time



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Coffee Talks



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- ❖ 1-hour informal webinars, 2 presentations + discussion, open to all, global participation
 - Innovative methods for defining census areas - 2 Dec
 - New opportunities for geospatial and statistical data using the Discrete Global Grid System (DGGS) - 25 Feb
 - Defining urban areas and modelling urban area data - 25 March
- ❖ Presentations and recordings at:
<https://statswiki.unece.org/display/GFGS/Webinars>



Partnerships

- ❖ Renewed partnership agreement with UN-GGIM: Europe
- ❖ Draft agreement with Eurostat on joint geospatial activities
- ❖ UN Geospatial Network
- ❖ Expert Group on the Integration of Statistical and Geospatial Information
 - Task Team on Capacity Building

Geospatial view of GSBPM


- Task Team almost finished
- Paper will be released soon



Overarching Processes							
Specify needs	Design	Build	Collect	Process	Analyse	Disseminate	Evaluate
1.1 Identify needs	2.1 Design outputs	3.1 Reuse or build collection instruments	4.1 Create frame and select sample	5.1 Integrate data	6.1 Prepare draft outputs	7.1 Update output systems	8.1 Gather evaluation inputs
1.2 Consult and confirm needs	2.2 Design variable descriptions	3.2 Reuse or build processing and analysis components	4.2 Set up collection	5.2 Classify and code	6.2 Validate outputs	7.2 Produce dissemination products	8.2 Conduct evaluation
1.3 Establish output objectives	2.3 Design collection	3.3 Reuse or build dissemination components	4.3 Run collection	5.3 Review and validate	6.3 Interpret and explain outputs	7.3 Manage release of dissemination products	8.3 Agree an action plan
1.4 Identify concepts	2.4 Design frame and sample	3.4 Configure workflows	4.4 Finalise collection	5.4 Edit and impute	6.4 Apply disclosure control	7.4 Promote dissemination products	
1.5 Check data availability	2.5 Design processing and analysis	3.5 Test production systems		5.5 Derive new variables and suite	6.5 Finalise outputs	7.5 Manage user support	
1.6 Prepare and submit business case	2.6 Design production systems and workflow	3.6 Test statistical business process		5.6 Calculate weights			
		3.7 Finalise production systems		5.7 Calculate aggregates			
				5.8 Finalise data files			



Looking forwards

- ❖ New project with Eurostat (tbc)
- ❖ New task team on standards and interoperability
- ❖ Geo-statistical architecture?
 - Possible future activities to define an architecture for integrating statistical and geospatial data
 - GSBPM work is first step (business architecture level)
 - More work at information / applications architecture levels?
- ❖ “Real” meetings 



Any questions?

