

Working Group on Toponymic Data Files and Gazetteers (WG TDFG) of UNGEGN

Meeting in New York, UNHQ 11 August 2017 (Part 1)

Pier-Giorgio Zaccheddu, Convenor

Federal Agency for Cartography and Geodesy



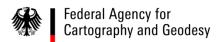
Time	TO P#	ТОР	Speaker
13:15 – 13:20	1	 Opening Decisions of the 29th UNGEGN relating to the Working Group 	Pier-Giorgio
13:20 – 13:30	2	Liaison with international standardization bodies (ISO, OGC, Unicode) General information March 2017: 2017 ISO/CD 19112:2017(E) - Geographic information – Spatial referencing by geographic identifiers UNICODE	Pier-Giorgio Catherine
12:30 – 13:00	3	Liaison with the UN Geographic Information Working Group (UNGIWG) and UN-GGIM	Pier-Giorgio



Item 2: Liaison with International standardization bodies (ISO, OGC, Unicode)

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12:30 – 13:00	3	 Liaison with the UN Geographic Information Working Group (UNGIWG) and UN-GGIM Activities of UN-GGIM WG on Fundamental Data Themes – Theme descriptions for geographical names UN-GGIM: Europe – WG on Core Data and Data Integration 	Pier-Giorgio

- Ballot event notifications of the International Organization for Standardization's Technical Committee 211 Geographic information/Geomatics (ISO/TC 211)
- Most documents were addressed to general geographic information issues.
- In March 2017 ISO/CD 19112:2017(E) Geographic information –
 Spatial referencing by geographic identifiers has been updated.
 - This document defines the conceptual schema for spatial references based on geographic identifiers.
 - The new content on the gazetteer structure has been put together by the geospatial community supporting general use cases.
 - Although it is assumed that the updated ISO/CD 19112:2017(E) won't have a
 huge impact on the geographical names data provision reflecting the
 complexity of the named place concept it will be assessed by the Working
 Group.



Item 2: (2) OGC Standards Working Group

- In January 2012 the Working Group contributed to the comments on the Open Geospatial Consortium (OGC) Best Practices Document: Gazetteer Service - Application Profile of the Web Feature Service Candidate Implementation Standard (OGC 11 122r1).
- No further activity can be reported since 2012.
- The OGC Gazetteer Best Practice is available at: http://www.opengeospatial.org/standards/requests/83



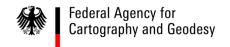
Item 2: (3) Unicode Consortium

→ Liaison officer taken over by UK, Catherine Cheetham

- The Working Group reviews character encodings required for geographical names and informs about gaps in the Unicode standard.
- The latest version 9.0 was published on 21 June 2016.
 - Unicode 9.0 adds exactly 7,500 characters, for a total of 128,172 characters, covering 135 scripts.
 - These additions include six new scripts and 72 new emoji characters. The new scripts and characters in Version 9.0 add support for lesser-used languages worldwide. (http://www.unicode.org/versions/Unicode9.0.0/).
- Version 10.0.0 is currently in beta version with a planned publication in mid-2017; this version adds a further 8518 characters for a total of 136,690 characters, including 4 additional scripts (Masaram Gondi, Nushu, Soyombo and Zanabazar Square) and 56 emoji.



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UN Geographic Information Working Group (UNGIWG)

No activity for the last 2 years

UN-GGIM / UN-GGIM: Europe – Highlights 2016-2017

- In order to foster the relationship between UNGEGN and UN-GGIM the Convenor contributed to the document "Relationship of UNGEGN with UN-GGIM – "Building bridges" proposing a cooperation model
- Determination of Global Fundamental Geospatial Data Themes
 - UN-GGIM: Europe given a mandate by the Committee of Experts to lead a global work in collaboration with other Regional Committees, Member States and observers to develop an agreed minimum set of global fundamental geospatial data themes
 - Convenor and UK nominated to contribute on behalf of UNGEGN (May 2017)

11/08/2017

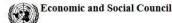


UN-GGIM / UN-GGIM: Europe – Highlights 2016-2017

- http://ggim.un.org/docs/meetings/GGIM7/E-C20-2017-5%20Fundamental%20Data%20Themes%20Report.pdf
- Provides, amongst others:
 - Context for the Working Group's task
 - Approach adopted by the Working Group
 - Consideration of the specific needs of other UN-GGIM programs of work
 - Decision:
 - ...adopt the proposed Minimum List of Global Fundamental Geospatial Data Themes
 - ...GGIM: Europe to continue their work to complete the theme descriptions and
 - ...Provide guidance on steps to promote and socialise the proposed Minimum List [...] widely to achieve benefit by establishing it as the aspiration for all Member States.

United Nations

E/C.20/2017/5



Distr.: General 22 May 2017 Original: English

Committee of Experts on Global Geospatial Information Management Seventh session New York, 2-4 August 2017 Item 6 of the provisional agenda* Determination of global fundamental geospatial

Determination of global fundamental geospatial data themes

Note by the Secretariat

The Secretariat has the honour to bring to the attention of the Committee of Experts on Global Geospatial Information Management the report prepared by the Regional Committee of United Nations Global Geospatial Information Management for Europe on behalf of its working group on global fundamental geospatial data themes. The report will be made available in the language of submission only from the website of the Committee of Experts (http://ggim.un.org/ggim.committee.html). The Committee of Experts is invited to take note of the report and to express its views on the progress made on identifying global fundamental geospatial data themes.

Summary of the renor

At its sixth session, held in New York from 3 to 5 August 2016, the Committee of Experts adopted decision 6103, in which it wisclomed the report of the Regional Committee for Europe and its efforts to develop a draft minimum list of fundamental geospetial date themes for consideration by the Committee of Experts at its seventh session. The Committee of Experts affirmed the view of the working group on global fundamental geospetial date themes should be the basis for developing agreement on a set of global themes and noted the suggestions made to consider the need to clarify the notion of "fundamental date", including their definition, harmonization and prioritization at multiple spatial and temporal scales, and to define the role such date play.

In its report, the Regional Committee for Europe outlines the actions it has carried out to advance the work on the determination of fundamental geospatial data themes at the global level. It also describes its engagement with the other regional committees and their relevant working groups, the methodology used and the review

* E/C.20/2017/1.









UN-GGIM / UN-GGIM: Europe – Highlights 2016-2017

 http://ggim.un.org/docs/meetings/GGIM7/E-C20-2017-5%20Fundamental%20Data%20Themes%20Report.pdf

E/C:20/2017/5/Add.1

E/c.20/2017/5

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Distr.: General 22 May 2017 Original: English

ANNEX I

Proposal for Minimum List of Global Fundamental Geospatial Data Themes

The GGRF is the framework which allows users to precisely determine and express
locations on the Earth, as well as to quantify changes of the Earth in space and time. It is not a data theme in the sense of the other themes, but it is a prerequisite for the accurate collection, integration and utilisation of all other geospatial data.
Brief Description
Geographical names are location identifiers for features of the real world, i.e. cultural and physical features on Earth, such as regions, settlements, or any cultural or geographical or topographical feature of public or historical interest and provide a link to cultural, social and historical heritage. They are often used as a proxy for other data themes e.g. settlements, natural features.
An address is a structured label — usually containing a property number, a road name and a locality name — used to identify a plot of land, a building or part of a building, or some other construction together with geographical coordinates. They can be Postal and non-postal. They are oftern used as a proxy for other data themes e.g. land parcels.

mental geospatial data themes

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UN-GGIM / UN-GGIM: Europe – Highlights 2016-2017

- The European UNGEGN experts provided expertise for commenting and discussing a draft recommendation for content of the theme 'Geographical Names' provided by UN-GGIM: Europe Work Group A on Core Data.
 - Draft proposes core recommendations and good practices in addition to the (technical) INSPIRE Data Specification on Geographical Names.
 - The activity is still ongoing and the recommendation has not yet been adopted by UN-GGIM: Europe.
 - The following documents have been referenced:
 - INSPIRE Data Specification on Geographical Names Technical Guidelines 3.1:
 http://inspire.ec.europa.eu/id/document/tg/gn
 - European Location Framework (ELF) Data Specification (chapter 5.3.6):
 http://elfproject.eu/sites/default/files/ELF DataSpecification v0.12 20160328.pdf
 - The updated version of Aug 2017 will be circulated to the UNGEGN experts



Item 4: Issues according 11th UNCSGN

Time	TO P#	ТОР	Speaker
13:00 – 13:45	4	 Items & issues according to the 11th UNCSGN and 30th UNGEGN support of Training Courses in Toponymy contribute to UNGEGN/UN-GGIM relation contribute to the discussion about the UN Sustainable Development Goals (UN SDGs) and its indicators Activities of the IAEG SDG WG GI (established in August 2016) support of regional activities, e.g. EU gazetteer initiative European Location Services – new project 	All All Pier-Giorgio Pier-Giorgio
13:45 – 14:00	5	Discussion forum within the WG website / Online discussion forum Discussion about the forums, amongst others, Input for the linkage UNGEGN and UN-GGIM – Relationship document Current work plan Input & remarks for the discussion forum	Annette, Teemu, Pier-Giorgio (tbc) All All



Item 4: Items & issues according to 11th UNCSGN

Potentially use the WG TDFG for

- support of Training Courses in Toponymy
 - → ongoing, next one in the Philippines 2018
- contribute to UNGEGN/UN-GGIM relation
 - → Presentation E-CONF-105-158 Relationship UNGEGN-UN-GGIM
- contribute to the discussion about the UN Sustainable Development Goals (UN SDGs) and its indicators
- Activities of the IAEG SDG WG GI (established in August 2016)
 - → Panel discussion "Support of geographical names data files and gazetteers to UN-GGIM activities like the SDG's and 2030 Agenda" on Wednesday, 16 August, in the afternoon.



Item 4: Items & issues according to 11th UNCSGN

- → Reference to the report of the Working Group on Geospatial Information established by the Inter-Agency and Expert Group on Sustainable Development Goal Indicators (IAEG SDG WG GI) emphasizing which SDGs are analysed under a "geospatial lens": http://ggim.un.org/docs/meetings/GGIM7/E-C20-2017-11%20Geospatial%20Information%20for%20Sustainable%20Development%20Report.pdf
- support of regional activities, e.g.
 - EU gazetteer initiative
 - European Location Services new project
- → E_CONF.105_39 Status Report on the GeoLocator Service developments under European Location Services



Item 5: Discussion forum

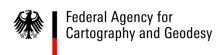
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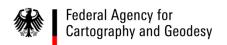
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<u>de.org/display/wgtdfg/Working+Group+on+Toponymic+Data+Files+an</u>d+Gazetteers+of+UNGEGN

- Discussion forum within the WG website / Online discussion forum
- → No input to the linkage UNGEGN and UN-GGIM Relationship document, but some colleagues replied to the word-file
- → Few input to the current work plan / update of the work plan, no reply yet by email
- → No input & remarks to the old topics in the discussion forum!



	TO/ P#/V	TOP	Speaker
14:00 – 14:30 10' 10' 10' 10'	6 P	TOP Of presented of national activities Dented of NZ's enhanced online Gazetteer Latvian and cal names database Demonstration Postponed sia's new islands Gazetteer lext meeting of WG TDFO Other meetings in 2017-2019	Wendy Vita Rizka
14:30 – 14:35	7 N	Other meetings in 2017-2019	All
14:35 – 14:45	8 A •	WG TDFG website Support from the WG TDFG	Pier-Giorgio Pier-Giorgio



Item 6: Presentation of national activities

- Jemo: Not presented ical name.

 Latvian Geographical name:

 anstration of postponed to part 2 ♥on of NZ's enhanced online Gazetteer
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14:35 – 14:45	8	AOB & Closing WG TDFG website Support from the WG TDFG	Pier-Giorgio ier-Giorgio



Item 6: Next meeting of WG TDFG

- eting next week within the 11th UNCSGN?
- A Wrap-bresented and seining next week within the 30th
 After the Paner and positions on Friday and Wednesday!
 16.08.2017? Maybe stooned to Paner to
 - → Decisions to be taken over by the uthin the 30th **UNGEGN Session?**
 - Other meetings in 2017-2019 to associate with
 - Norden Division and Dutch- and German-speaking Division in 2018 - possibility to link WG on Cultural Heritage and WG Toponymic Data Files and Gazetteers





... Thank you!

See you somewhere in 2017... 2018... 2019!



Working Group on Toponymic Data Files and Gazetteers (WG TDFG) of UNGEGN

Meeting in New York, UNHQ 17 August 2017 (Part 2)

Pier-Giorgio Zaccheddu, Convenor

Federal Agency for Cartography and Geodesy



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- → No input & remarks to the **old topics** in the discussion forum!
- → New discussion items from the panels at 11th UNCSGN?



Panel Discussion: Making Geographical Names Accessible and Available, 15 August 2017

- Q1: Institutional arrangements, please describe what they are and their effectiveness?
- Q2: Feature types and extents necessarily draw on other datasets such as topographic and hydrographic datasets. Linking names to geographic features is fundamental in a digital age. What challenges and opportunities have you experienced?
- Q3: Monitoring and evaluation of the effectiveness of gazetteer websites is critical to ensure we meet user needs. Are we doing enough to meet demand?
- ...?



Panel discussion: "Support of geographical names data files and gazetteers to UN-GGIM activities like the SDG's and 2030 Agenda", 16 August 2017

- Q1: What is the current involvement of your institution/you with regard to UN-GGIM activities and particularly on the national monitoring for the Sustainable Development goals?
- Q2: Has there been already any coordination effort, explicitly requesting the use of geographical names data / gazetteers in your country?
- Q3: How can we generally make better linkages between UNGEGN's work and UN-GGIM's activities?
- Q4: How can we better promote and make aware of non-technical issues like language, romanization, cultural heritage etc. to UN-GGIM' activities?
- Q5: How do geographical names data and gazetteers fit within the big picture of the SDGs? Are the issues related to production or accessibility?
- Q6: Is toponymic information like language, status of a name/language, etc. needed for all SDG indicators where geospatial data is needed?
- Q7: What is UNGEGN's contribution to this overall UN/DESA ECOSOC work program
 2030 Agenda leaving no one behind?



The IAEG SDG WG GI has selected a list of 15 indicators for which geospatial information has a direct contribution:

Goal¤	Indicator¤	Tier#	## J
indicators·for·which·geospatial·information	n·has·a· <u>direct</u> ·contribution¤]
Goal-2- -End-hunger,-achieve-food-security- and-improved-nutrition-and-promote- sustainable-agriculturex	2.4.1- -Proportion-of-agricultural-area-under-productive-and-sustainable-agriculturex	III¤	1¤ ;
Goal-6 -Ensure-availability-and-sustainable-	inable- 6.3.2- -Proportion-of-bodies-of-water-with-good-ambient-water-quality¤		2¤ ;
management-of-water-and-sanitation-for-all¤	6.5.2- -Proportion-of-transboundary-basin-area-with-an-operational-arrangement- for-water-cooperationx	li¤	3¤ j
	6.6.1- -Change-in-the-extent-of-water-related-ecosystems-over-timex	III¤	4¤ j
Goal-9- -Build-resilient-infrastructure,- promote-inclusive-and-sustainable-	9.1.1- -Proportion-of-the-rural-population-who-live-within-2-km-of-an-all-season- road¤	III¤	5¤)
industrialization-and-foster-innovation¤	9.c.1- -Proportion-of-population-covered-by-a-mobile-network,-by-technology#	lμ	6¤ j
Goal-11- -Make-cities-and-human- settlements-inclusive,-safe,-resilient-and-	11.2.1- -Proportion-of-population-that-has-convenient-access-to-public-transport,- by-sex,-age-and-persons-with-disabilities#	II¤	7¤ }
sustainable¤	11.3.1- -Ratio-of-land-consumption-rate-to-population-growth-rate¤	III	8¤)
	11.7.1- -Average-share-of-the-built-up-area-of-cities-that-is-open-space-for-public- use-for-all,-by-sex,-age-and-persons-with-disabilities#	Ill¤	9¤ }
Goal-14- -Conserve-and-sustainably¶ use-the-oceans,-seas-and-marine-resources-	14.2.1- -Proportion-of-national-exclusive-economic-zones-managed-using- ecosystem-based-approaches#	III¤	10¤ j
for-sustainable-development#	14.5.1- -Coverage-of-protected-areas-in-relation-to-marine-areas¤	lμ	11¤ j
Goal-15- -Protect,-restore-and-promote-	15.1.1- -Forest-area-as-a-proportion-of-total-land-area¤	lμ	12¤ j
sustainable-use-of-terrestrial-ecosystems,- sustainably-manage-forests,-combat-	15.1.2- -Proportion-of-important-sites-for-terrestrial-and-freshwater-biodiversity- that-are-covered-by-protected-areas,-by-ecosystem-typex	ļ¤	13¤ j
desertification, and halt and reverse land	15.3.1- -Proportion-of-land-that-is-degraded-over-total-land-area¤	III¤	14¤)
degradation-and-halt-biodiversity-loss¤	15.4.1- -Coverage-by-protected-areas-of-important-sites-for-mountain-biodiversity	II¤	15¤ j

http://ggim.un.org/docs/meetings/GGIM7/E-C20-2017-11%20Geospatial%20Information%20for%20Sustainable%20Development%20Report.pdf



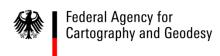
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09:20 – 09:30	7	Next meeting of WG TDFG Other meetings in 2017-2019 to associate with	All
	8	AOB & Closing WG TDFG website Support from the WG TDFG	Pier-Giorgio Pier-Giorgio



- Other meetings in 2017-2019 to associate with?
 - Possibility to link WG on Cultural Heritage and WG Toponymic Data Files and Gazetteers
 - Norden Division and Dutch- and German-speaking Division in 2018
 - Other options?

Decisions by the WG

Task	Responsibility	Date (final)
Get in touch with national representatives in ISO, OGC to make aware of GN issues and be informed about drafts	All members	ongoing
Approach UNECA (through chair?) regarding Gazetteer application	Convenor	30.08.2017
Involve WG in global and regional assessments (UN-GGIM WG FDT)	Convenor	ongoing
Updates its work plan and actions 2017 – 2019 with regard to the discussions about the relationship with UN-GGIM and SDGs	All members	30.10.2017
Integrate the two panel discussion contents into the online discussion forum	Convenor	30.08.2017
Write an article in the UNGEGN Bulletin about the geospatial dimension in the SDGs	Convenor	30.12.2017



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14:30 – 14:35	7	Next meeting TDFG • Other meeting 2019 to associate with	All
14:35 – 14:45	8	 AOB & Closing WG TDFG website Support from the WG TDFG 	Pier-Giorgio Pier-Giorgio



Item 6: Presentation of national activities

- Demonstration of NZ's enhanced online Gazetteer
- Latvi Not presented





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See you somewhere in 2017... 2018... 2019!