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- Latest news
- Information base about spatial statistics
- Information base about EFGS and NFGS, GFGS
- Upcoming events
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EUROPEAN FORUM FOR GEOGRAPHY AND STATISTICS




## Why

EFGS advocates for the integration geography and statistics in order to reach

- [Efficiency \(production\)](#)
- [Better understanding of present and future \(analysis\)](#)
- [Enhanced dissemination](#)
- [Improved quality](#)
- [Better understanding between statistical and geospatial community \(keyword terminology\)](#)


Lars H. Backer Prize

[More information](#)

### EFGS 2019 Conference



10-11 October 2019  
Manchester, United Kingdom

More information soon

Statistical Atlas  
by EUROSTAT


### Upcoming Events

GISCO 2019 Working Group

March 28

### Latest News

#### Conference Geo4SDGs: Addressing Agenda 2030

Mar 22, 2019 | 0 Comments

Geospatial Media and Communications with the support of United Nations Group of Experts on Global Geospatial Information Management (UN-GGIM) and Radiant Earth Foundation is organizing the second edition of Geo4SDGs on 3 – 4 April 2019 in Amsterdam, the Netherlands ~...

[read more](#)

#### AGEO Forum 2019 “register:raster:georeferenz”

Mar 4, 2019 | 0 Comments

The Austrian umbrella organization for Geographic Information AGEO invites to the AGEO Forum 2019 on register:raster:georeferenz to be held in BEV, Schiffamtsgasse 1-3, 1020 Vienna 1020 Wien on Tuesday, 19 March 2019, 10:00-17:00. Prominent speakers will address in...

[read more](#)

#### Population Change Dynamics in Nordic Municipalities – Grid data as a tool for studying residential change at local level

Jan 24, 2019 | 0 Comments

In this Nordregio report, grid-based statistics from different Nordic countries are used in an integrated way to study demographic changes at local level within regions, municipalities and cities; especially cities or towns that could be considered small and...

[read more](#)

#### Handbook of Spatial Analysis is now available to download

Dec 11, 2018 | 0 Comments

The Handbook of Spatial Analysis, coordinated by Insee with the strong support of Eurostat and the European Forum for Geography and Statistics, draws up the list of analysis that can be carried out with spatial data and the pitfalls to avoid when using them. The...

- Information base about GEOSTAT project

## GEOSTAT

The first GEOSTAT project was launched at the beginning of 2010 by Eurostat in cooperation with the European Forum for Geography and Statistics (EFGS), to promote grid-based statistics and more generally to work towards the integration of statistical and geospatial information in a common information infrastructure for the EU. GEOSTAT is now in its third round with GEOSTAT 3.

The aim of the GEOSTAT projects is to develop common guidelines for the collection and production of spatial- and grid-statistics within the European Statistical System. The results from GEOSTAT projects can be found under the [information base](#) and [data](#) of this website.

### GEOSTAT 1

*"Representing census data in a European population grid dataset"*

Eurostat launched in 2010 the GEOSTAT 1 project aiming for representing 2011 population census data as grid statistics.

GEOSTAT 1 was divided into three phases:

- GEOSTAT 1A: [More about GEOSTAT 1A \(2010-2011\)](#)
- GEOSTAT 1B: [More about GEOSTAT 1B \(2012-2013\)](#)
- GEOSTAT 1C: Additional phase for further national data to the GEOSTAT 2011 population grid (2014)

### GEOSTAT 2

*"A point-based foundation for statistics"*

The GEOSTAT 2 is a two year ESSnet grant over the period of 2015 and 2016. The project is built on the results from its predecessors GEOSTAT 1A and 1B. [More about GEOSTAT 2.](#)

### GEOSTAT 3

*"A statistical geospatial framework for sustainable development"*

A new, two year ESSnet grant the GEOSTAT 3 has started in February 2017. The project is following the paths of previous GEOSTAT projects (1 and 2). [More about GEOSTAT 3.](#)

# GEOSTAT 3

## A statistical geospatial framework for sustainable development

Following the paths of previous GEOSTAT projects (1 and 2) the general objective of GEOSTAT 3 is to foster a better integration of geospatial information and statistics, in order for the statistical community to provide more qualified descriptions and analyses of society and environment.

The main focus of GEOSTAT 3 will be to develop the European version of the Global Statistical Geospatial Framework (SGF) for the ESS, taking into account existing conditions, initiatives and European and national frameworks.

More specifically, the objectives of the GEOSTAT 3 project are to:

- Develop the European adaption of the SGF (ESS-SGF).
- Develop recommendations on how to implement the ESS-SGF in EU member states within and outside NSIs.
- Test the usefulness of the ESS-SGF and its implementation on selected indicators for the UN Sustainable Goals (SDGs).
- Support the EFGS in its networking, information sharing, Community and capacity building efforts.
- Disseminate and share the results from the GEOSTAT projects among the NSIs.
- Promote the application of geospatial statistics and the integration of geospatial information into the statistical production process, within the framework of the GSBPM.
- Better involve NMCA's or other geospatial stakeholders in the charge of geocoded registers and administrative data into the network of the EFGS.
- Contribute to the work on the integration of statistics and geospatial information into the framework of UN-GGIM.

The action will be undertaken by a network consisting of eight NSIs and three sub-contractors with vast experience in the field of geospatial information and statistics. The group forms a mix of NSIs with a longstanding history of geospatial statistics together with NSIs which have made more recent progress in the field.

The action of the project will be organized under five different work packages:

- WP-1 A European Statistical Geospatial Framework
- WP-2 Testing the ESS-SGF
- WP-3 Maintaining the EFGS website
- WP-4 Organization of EFGS conferences
- WP-5 Exploitation, distribution and dissemination

Kick-off meeting Stockholm 2017



Coordination meeting Stockholm 2018



## Project deliverables:

### Final results

[GSGF Europe – Implementation guide for the Global Statistical Geospatial Framework in Europe \(main report\)](#)

[GSGF Europe – Implementation guide for the Global Statistical Geospatial Framework in Europe – Annex: Good Practice Cases](#)

[Automated Linking of SDMX and OGC Web Services – A Feasibility Study on the implementation of principles 4 and 5 of the GSGF](#)

[Testing the GSGF Europe by calculating a selection of SDG indicators](#)

[The report from the feasibility study on migrating the EFGS website to the CROS portal](#)

[Implementing the Statistical Geospatial Framework at Statistics Sweden – Draft](#)

### Presentations made by the GEOSTAT 3 project

[GISCO working group meeting in 2017. The GEOSTAT 3 project – A statistical geospatial framework for sustainable development – Scope of the action.](#)

[GISCO working group meeting in 2017. The EFGS webpage.](#)

[GISCO working group meeting in 2017. The EFGS 2017 conference.](#)

[UN-GGIM: Europe, Plenary session, GEOSTAT 3 Brussels 20170608](#)

[EFGS 2017 conference in Dublin. GEOSTAT 3 – A Statistical Geospatial Framework for the ESS – Preliminary results from the GEOSTAT 3 project.](#)

[EFGS 2017 conference in Dublin. GEOSTAT 3 – Intermediate results automated map generation.](#)

[EFGS 2017 conference in Dublin. GEOSTAT 3 – Survey on best practises of automated generation of WMS and WFS map service.](#)

[EFGS 2017 conference in Dublin. GEOSTAT 3 – The EFGS webpage](#)

[Q2018 coconference in Krakow – GEOSTAT 3 – A European Implementation Guide for the Global Statistical Geospatial Framework \(paper, presentation\)](#)

[EFGS 2018 conference in Helsinki. GEOSTAT 3 – A guide for implementation of the Global Statistical Geospatial Framework in Europe](#)

[EFGS 2018 conference in Helsinki. GEOSTAT 3 – Testing SDG indicators](#)

### Documents from the GEOSTAT 3 meetings

[\(Kick-off meeting 2017\) GEOSTAT3 – Stockholm – Minutes – Feb. 15-16 2017](#)



## UN SDG Indicators

The GEOSTAT 3 project (2017-2019) has drafted a European implementation guide for the Global Statistical Geospatial Framework. In order to assess the soundness of the requirements and recommendations proposed in the implementation guide, the project has undertaken a series of practical tests, drawing on the need to calculate indicators for the monitoring of Agenda 2030 Sustainable Development Goals (SDGs).

Three SDG indicators involving use of geospatial information were selected for testing and the work was carried out mainly by means of geospatial data and spatial operations. Countries participating in the indicator tests were Portugal, Estonia, Poland, Austria, Sweden and Norway.

A number of national, European and global data sources were tested and compared. The European and global data sources comprised the Urban Cluster and High Density Grids provided by Eurostat as well as the Global Human Settlement Layers (GHSL) from the Joint Research Centre.

In order to conduct the calculations, the UN metadata definitions needed some adaption to European conditions and due to the fact that not all indicators had a consistent and agreed methodology (Tier II and III). The specifications used for the testing can be found in the summary report (see link below). Please note that the test results presented here does not necessarily reflect the approach finally used by the participating countries to officially report on the SDGs. However, it is assumed that the test cases can provide some valuable insights for other countries currently setting up their frameworks for calculation of these indicators.

**Summary report:** [Testing the GSGF Europe by calculating a selection of SDG indicators](#)

### Indicators:

[11.2.1](#) Proportion of population that has convenient access to public transport, by sex, age and persons with disabilities

[11.3.1](#) Ratio of land consumption rate to population growth

[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



EFGS > UN SDG indicator 11.2.1

### UN SDG indicator 11.2.1

Reports from testing by country:

[Austria](#)  
[Estonia](#)  
[Norway](#)  
[Poland](#)  
[Portugal](#)  
[Sweden](#)



EFGS > Information base > Spatial Statistics Case Studies > UN SDG Indicators > UN SDG indicator 11.3.1

### UN SDG indicator 11.3.1

Reports from testing by country:

[Norway](#)  
[Sweden](#)  
[Portugal](#)

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EFGS > Information base > Spatial Statistics Case Studies > UN SDG Indicators > UN SDG indicator 11.7.1

### UN SDG indicator 11.7.1

Reports from testing by country:

[Estonia](#)  
[Norway](#)  
[Sweden](#)

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EFGS > Conferences > EFGS Conferences

## EFGS Conferences

The origin of EFGS is the [Nordic Forum for Geography and Statistics](#), having its first meeting in Voss, Norway in 1998. In addition to the Nordic countries, Baltic countries were also invited to the annual meetings. It soon became clear that several other national statistical institutes had interests in geostatistical work, and that there was a need for harmonising statistical products with a geographical reference.

The first meeting of EFGS took place in Kongsvinger, Norway, in 2006. The number of national contact persons have after that grown to include more and more countries. Territories, having annual conferences and meetings concentrated on the development of the best practice. Europe are active in EFGS and EFGS is therefore a

### Past and coming conferences of the EFGS:

[EFGS 2018 Helsinki, Finland](#)

[EFGS 2017 Dublin, Ireland](#)

[EFGS 2016 Paris, France](#)

[EFGS 2015 Vienna, Austria](#)

[EFGS 2014 Krakow, Poland](#)

[EFGS 2013 Sofia, Bulgaria](#)

[EFGS 2012 Prague, Czech Republic](#)

[EFGS 2011 Lisbon, Portugal](#)

[EFGS 2010 Tallinn, Estonia](#)

[EFGS 2009 The Hague, The Netherlands](#)

[EFGS 2008 Bled, Slovenia](#)

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## EFGS 2018 Conference Helsinki, Finland

by Admin | Jun 12, 2018 | News | 0 comments



The conference of the 11th European Forum for Geography and Statistics (EFGS) took place at Marina Congress Center in Helsinki, Finland from 16 to 18 October 2018.

The motto of the conference was "Finding the Future together".

The conference programme consisted of the invited keynote speakers' and many exceptional participants' presentations:

Day 1, October 16th 2018	
08.30 – 09.30	<b>Registration</b>
	<b>Conference Opening</b>
	Welcome Speech by
	Statistics Finland — Marjo Bruun, Director General of Statistics Finland <a href="#">presentation</a>
09.30 – 10.30	National Land Survey of Finland — Arvo Kokkonen, Director General of the National Land Survey of Finland <a href="#">presentation</a>
	EFGS — Janusz Dygaszewicz, President of the European Forum for Geography and Statistics <a href="#">presentation</a>
	Eurostat — Ekkehard Petri, European Commission Eurostat-Gisco

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### Recent News

Conference Geo4SDGs: Addressing Agenda 2030 (22nd March 2019)

AGE Forum 2019 "register:raster:georeferenz" (4th March 2019)

Population Change Dynamics in Nordic Municipalities – Grid data as a tool for studying residential change at local level (24th January 2019)

### News archives

Select Month

### Upcoming Events

GISCO 2019 Working Group March 28

UN-GGIM:Europe-ESS-UNECE meeting March 29

### Geospatial World Forum

April 2 - April 4

Geo4SDGs conference April 3 - April 4

UN-GGIM: Europe ExCom April 3 @ 8:00 am - 5:00 pm

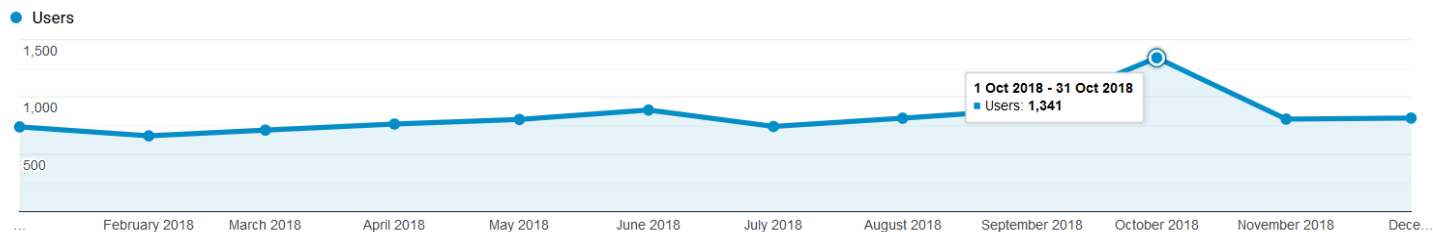
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# EFGS conferences

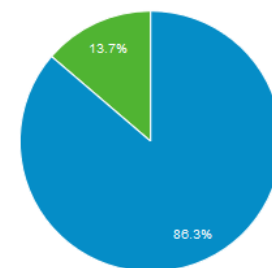


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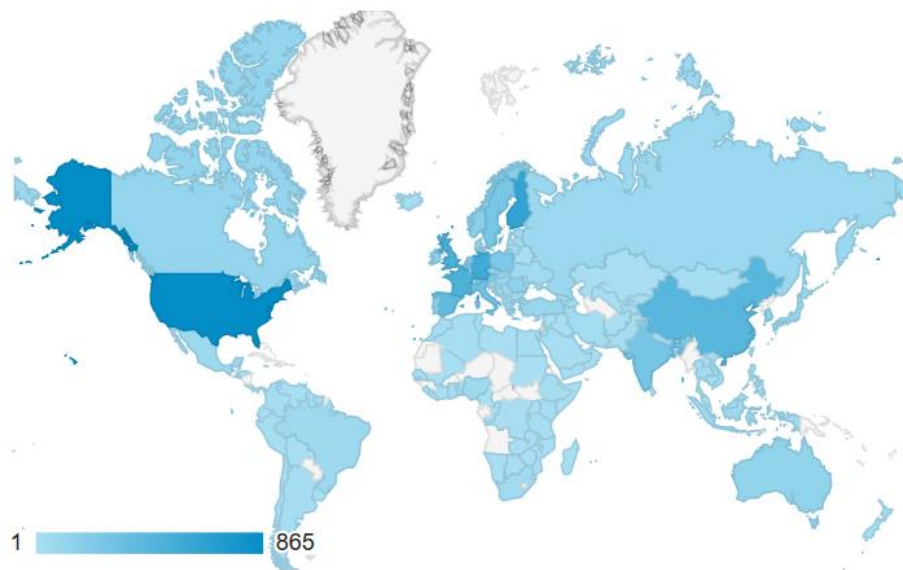
1 Jan 2018 - 31 Dec 2018 ▼



■ New Visitor ■ Returning Visitor



Country	Users	% Users
1.  United States	865	9.46%
2.  Finland	629	6.88%
3.  Germany	546	5.97%
4.  United Kingdom	488	5.34%
5.  France	485	5.31%
6.  China	425	4.65%
7.  Spain	382	4.18%
8.  Belgium	317	3.47%
9.  Italy	299	3.27%
10.  India	269	2.94%







## Share your knowledge

The EFGS community is very interested in knowing more about your work within the field of spatial statistics and we would therefore like to help you to reach out with your knowledge.

The EFGS website is open for contributions to the information base as well as news postings from collaborators that EFGS is familiar with. We ask you therefore to take contact with the web administrator [directly](#) or that you contact your [national contact point](#) who can approve you as a EFGS Contributor.

Once accepted you will receive a brief manual on how to post your contributions.

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GISCO 2019 Working Group  
March 28

UN-GGIM:Europe-ESS-  
LINECE meeting



## EFGS Contacts

### EFGS management contact persons

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# Thank you!



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