



## Geostat 1B Consortium

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Statistics Norway

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Statistics Bulgaria  
Statistics Czech Rep.  
Statistics Estonia  
Statistics Finland  
Statistics Portugal

Subcontractor:  
MDmapping

Volunteers:  
NSIs/territories for;  
AT, BE, DA, EN, ES,  
SE, NL, PL, SI and  
WA

# ESSnet GEOSTAT 1B

## ESSnet GEOSTAT 1B - Representing 2010/2011 censuses on grid

In 2009, Eurostat together with the European Forum for Geostatistics (EFGS), launched the ESSnet action GEOSTAT with the aim to map the 2011 Population and Housing Census on a 1 km<sup>2</sup> grid.

Within the global framework of GEOSTAT the first project phase GEOSTAT 1A which lasted from 2009 until 2011 developed a methodology for a European population grid.

The follow-up project GEOSTAT 1B aims to continue the successful work of GEOSTAT 1A, and will firstly test the methods developed in GEOSTAT 1A on 2011 census data, thereby producing a GEOSTAT 2011 population grid. The project will also investigate the possibilities of mapping population breakdowns and how to deal with the challenge of statistical confidentiality.

Building on the network and work made by partners in the EFGS the main objective of GEOSTAT is to make guidelines for others to follow for making gridded population statistics.

Therefore dissemination of the results and strengthening the network in line with the ESSnet idea will play an important role. As one of the main dissemination activities the project will upgrade the GEOSTAT/EFGS website (www.efgs.info) to include more functionality. This project website should develop into a common portal for the ESS for display of geostatistics, GEOSTAT results. Easy access to the results and work already done will make it easier for others in the ESS to carry out similar work and will support networking and capacity building. Another important aspect in this context are trainings and workshops offered by the EFGS for NSIs who want to know more the requirements and conditions for grid statistics, and find out more about the technical side of grid production.

The GEOSTAT project will cooperate closely with the EFGS as a reference group. EFGS conferences will be held annually and invitations sent to all NSI's and other producers and users of spatial information in Europe. Efforts will be made to initiate national task forces in Countries not covered by the ESSnet network.

Population statistics is core information in many aspects (i.e. planning, risk management, environmental management, transport issues etc). This information often need at a more detailed geographical level, harmonised and with a wide coverage not available or accessible today.

The soundness of the concept of grid statistics and of the methodological approach has been accepted by the European Statistical System and the scientific community alike. A growing number of research papers and applications in statistics illustrate the advantages of grid statistics and detailed georeferenced information. Papers and presentations can be accessed on the EFGS website (www.efgs.info).



www.efgs.info

## European Forum for GeoStatistics

Voluntary cooperation of  
NSIs since 1998

National contacts from  
30 European countries

Holds conferences in  
October each year

Develops best practices  
for geostatistics  
in Europe

Expert network of  
geostatisticians

