

EUROPEAN

FORUM FOR



GEOSTATISTICS

12-14 October - Lisbon, Portugal

PROGRAM



INSTITUTO NACIONAL DE ESTATÍSTICA
STATISTICS PORTUGAL



EFGS 2011 seminar is hosted by Statistics Portugal
Conference location: Statistics Portugal, Av. António José de Almeida, 1000-043 LISBOA Portugal,
Ph: +351 842 61 00

EFGS 2011 Conference locations on Google Maps

The European Forum for Geostatistics (EFGS) is a network of experts that contribute to a common spatial data infrastructure and best practices in collecting, producing and disseminating geostatistics within the European statistical system. Currently, the aim of the EFGS is to harmonize methods and data sets at an European level by exchanging knowledge and expertise and by supporting the GEOSTAT project.

The main aim of the GEOSTAT project is to create EU-wide population grid maps from the 2011 census data and to develop a methodological framework for the geo-coding of population.

EFGS 2011 Conference will be hosted by Statistics Portugal. The program Committee is EFGS Steering Committee. Detailed information on GEOSTAT project and EFGS can be obtained from the website of the European Forum for Geostatistics (www.efgs.info) and on the Statistics Portugal web page: <http://efgs2011.ine.pt/>.

■ PRACTICAL INFORMATION

TRANSPORT

From the Airport to the hotels

From Lisbon airport to the recommended hotels the best transport is taxi (aprox.12 Euros).

There is an Express bus line leaving from the airport: Route 91 (Airport – city centre); however, this bus does not stop at these hotels. Ticket 1,50 euros (on-board). For further details please visit: www.carris.pt/en/index.php

In Lisboa

Taxis. Taxis in Lisboa can be reserved by telephone or hailed on the street. Two taxi companies and their telephone numbers:

Lisboa Rádio-taxi - +351 21 811 9000; Autocoop - +351 21 793 2756 Subway (Metro)

The Metro runs from 6:30 a.m. until 1:00 a.m.; magnetic ticket 0,90 euros (1 zone)

INE Office and AS Lisboa Hotel - Red line: Alameda station

Holiday Inn Hotel – Yellow line: Saldanha station

Alif Hotel - Yellow line: Campo Pequeno station

For further information on subway: www.metrolisboa.pt

Buses and trams

“Carris” is the bus operator in Lisboa. The network has 88 routes. On-board fare - 1,50 euros.

For further details please visit: : www.carris.pt/en/index.php.

There are Metro/Carris combined fares. These fares are valid on both the Metropolitano de Lisboa network and Carris (buses, streetcars and elevators) network.

Charged tickets on 7 Colinas / Viva Viagem cards: 1 day Carris/Metro network ticket 3,95€; valid for an unlimited number of trips on all Carris and Metro networks, for a period of 24 hours, after the first entry validation.

WEATHER

Light rain can fall at the beginning of October in Lisbon. Thus, an umbrella and waterproof jacket is very useful to take along. The air temperature in October is normally between 15 and + 22 Celsius degrees.

SOCIAL EVENTS

Thursday October, 13 - 19:00

Discover Lisbon and have dinner in a traditional Fado house.

Legend has it that Lisbon was founded by Ulysses. The name comes from "Olissipo", meaning "enchanted port".

Lisbon is a historic capital, a potpourri of unusual character and charm, where 800 years of cultural influences mingle with modern trends and life styles creating spectacular contrasts.

We will embark on a guided sightseeing bus tour through the most important and historical places of Lisbon.

The tour stops at Belém - the birthplace of the Portuguese discoveries, the start of globalization, where famous navigators like Vasco da Gama set sail to discover the unknown world -, passes by downtown Rossio and the Commerce Square - a commercial area that still retains much of its original lay out – and finishes at the Cathedral area.

From here we walk down the narrow streets of medieval Alfama, one of the oldest neighborhoods of the city, to have dinner in "Bacalhau de Molho" a reference fado house restaurant due to its atmosphere, codfish based food and famous resident artists.

Much more than just a song, Fado is the purest expression of Lisbon's "soul" and Portuguese feelings, always accompanied by the solemn and melancholy chords of the Portuguese guitar.

Considered an integral cultural brand and tradition of the Portuguese capital, Fado is currently applying to become UNESCO Intangible Heritage of Humanity.

LUNCHS & COFFEE BREAKS

All lunches and coffee breaks will be served at the atrium of Room Conference Salão Nobre.

WIRELESS INFORMATION

There is a wireless connection available during the conference.

The name of the wireless connection is "INE-Guest", you have to introduce the voucher which has been given to you.

■ TIME TABLE

The program Committee is the EFGS Steering Committee.

All presentations (except when a different time is requested) should not exceed 20 minutes, including time for questioning.

Day 1: Wednesday October 12, 2011

■ Pre Conference Working Session / EFGS Project Meeting

Chair: Mr. Vilni Verner Holst Bloch, EFGS President, Statistics Norway, Norway

09:00 - 09:10

EFGS and the GEOSTAT Project

Mr. Vilni Verner Holst Bloch, EFGS President, Statistics Norway, Norway

09:10 - 09:30

Guidelines for production and steps towards harmonization

Mrs. Marja Tamiletho-Luode, Statistics Finland, Finland

09:30 - 09:50

Confidentiality and policies

Mrs. Ingrid Kaminger, Statistics Austria, Austria

09:50 - 10:10

Infrastructure and technologies

Mr Niek van Leuwen, Statistics Netherland, Netherlands

10:10 - 10:30

How to build a sustainable organization

Mr. Lars Henrik Backer, EFGS Executive Director, Sweden

10:30 - 11:00 Tea & Coffee break

EFGS 2011 LISBON CONFERENCE

The conference will introduce the importance of geo-statistics in the decision making process in local, regional, European and Global level. The conference will be an important place to share common practices between the different participants to produce grid statistics and how to use them for the spatial analysis of society.

Focus will be given on the geographical dimension of the EU 2010-11 Census and how to represent census data in a European population grid. The latest developments and the results of the ESSnet project "GEOSTAT – representing census data in a European population grid" will be discussed.

11:00 - 12:00 Registration

Opening of the EFGS 2011 Lisbon Conference

Chair: Mrs. Alda de Caetano Carvalho, Statistics Portugal President, Portugal

12:00 - 12:10

Welcome speech from the President of Statistics Portugal
Mrs. Alda de Caetano Carvalho, Statistics Portugal President, Portugal

12:10 - 12:20

The Future of the GEOSTAT project. General Overview of the GEOSTAT 1B project call
Mr. Daniele Rizzi and Mr. Ekkehard Petri, EUROSTAT, Luxemburg

12:20 - 12:30

The Past and the Present of the EFGS
Mr. Vilni Verner Holst Bloch, EFGS President, Statistics Norway, Norway

12:30 - 13:30 Lunch for all participants

Keynote Session

Topic 1: On Spatial statistics and Grids

Chair: Prof.^a Lucília Carvalho, University of Lisbon - Faculty of Sciences, Portugal

13:30 - 13:40 Introduction, by Chair

13:40 - 14:00

Keynote speech: A comparison of vector and raster population time series: population change in Latin America and the Caribbean, 1990-2010

Mrs. Susana Adamo, Columbia University - Center for International Earth Science Information Network (CIESIN), United States of America

14:00 - 14:20

Keynote speech: Information for survival - the role of statistics

Mr. Lars H. Backer, EFGS Executive Director, Sweden

14:20 - 14:40 Tea & Coffee break

14:40 - 15:00

Keynote speech: Spatial data for integrated assessment of urban areas

Mr. Andrus Meiner, European Environment Agency, Denmark

15:00 - 15:20

Keynote speech: Gridded models in the UK: beyond the 2011 census

Prof. David Martin, University of Southampton - School of Geography, United Kingdom

15:20 - 15:40

Discussion and summing up

Prof.^a Lucília Carvalho, University of Lisbon - Faculty of Sciences, Portugal and Prof. Francisco Goerlich Gisbert, University of Valencia - Department of Economic Analysis, Spain

15:40 - 16:00 Tea & Coffee break

Topic 2: On the geographical dimension of the EU 2010-11 Census

Chair: Dr. António Arnaud, New University of Lisbon - UNINOVA, Institute for the Development of New Technologies - Faculty of Sciences and Technology (FCT-UNL), Portugal

16:00 - 16:10 Introduction, by Chair

16:10 - 16:30

2011 Census in Portugal – A major improvement on census cartography

Mr. Fernando Casimiro, Statistics Portugal, Portugal

16:30 - 16:50

Creating 2001 to 2011 population grids using Census Geography

Mr. Bart-Jan Schoenmakers, Statistics Portugal, Portugal

16:50 - 17:10

Discussion and summing up, by Chair

Day 2: Thursday October 13, 2011

Work Session 1 Production and Challenges

Chair: Mrs. Marja Tammilehto-Luode, Statistics Finland, Finland

This session welcomes presentations about production of grid based statistics from different data sources with experiences and challenges in data capture, transformations, data validity, quality assessments and disclosure control. The different methods, which are used in compilation of data on grid square cells, are in the focus as well. This session may also include issues of data integration and harmonization with a help of case studies. The latest Census round results and their importance for the production of grid based statistics are hopefully recognized in this session.

Topic 1: The European dataset: the integration of national datasets

Chair: Mrs. Marja Tammilehto-Luode, Statistics Finland, Finland

09:00 - 09:10 Introduction, by Chair

09:10 - 09:30

Conversions from national grid data to harmonized European grid data
Mrs. Marja Tammilehto-Luode and Mrs. Rina Tammisto, Statistics Finland, Finland

09:30 - 09:50

Population Grid for Spain - SIOSE
Prof. Francisco J. Goerlich, University of Valencia and Ivie - Department of Economic Analysis and Prof. Isidro Cantarino, Polytechnic University of Valencia - Department of Land Engineering, Spain

09:50 - 10:10

A population grid for the Republic of Ireland: Making use of National databases and local geography
Mr. Dermot Corcoran, Central Statistics Office of Ireland, Ireland

10:10 - 10:30

The production of grid statistics at Statistics Sweden
Mr. Johnny Sehlin, Statistics Sweden, Sweden

10:30 - 10:50

Lessons learned from disaggregating population data by using different data sources
Mr. Radoslaw Jablonski, Central Statistical Office of Poland, Poland

10:50 - 11:20 Tea & Coffee break

11:20 - 11:40

Perspectives of Development Geographic Information Systems in National Statistics Office of Georgia

Mr. Zurab Kevanishvili, Statistics Georgia, Georgia

11:40 - 12:00

Production of grid based statistics in Statistics Estonia

Mrs. Kreet Masik, Statistics Estonia, Estonia

Topic 2: The European Dataset: The disaggregation issue

Chair: Dr. Klaus Steinocher, AIT - Austrian Institute of Technology, Austria

12:00.-.12:10 Introduction, by Chair

12:10 - 12:30

Keynote speech: A new population grid for Europe – chances and challenges

Dr. Klaus Steinocher, AIT - Austrian Institute of Technology, Austria

12:30 - 12:50

The effect of ancillary data in population dasymetric mapping: A test case using the original and a modified version of CORINE Land Cover

Mr. Filipe Batista e Silva, Joint Research Centre of the European Commission, Ispra, Italy

12:50 - 13:50 Lunch for all participants

13:50 - 14:10

Land Cover Geostatistical Classification for Remote Sensing

Mr. Kestutis Ducinkas, Department of Statistics, Klaipeda University, Lithuania

14:10 - 14:30

Disaggregation of socioeconomic data and combination with other spatial data types by means of the OLAP technology

Mr. Roger Milego Agràs and Ms. Maria José Ramos, Autonomous University of Barcelona (UAB), Spain

Work Session 2 Infrastructure and Dissemination

Chair: Mr. Niek van Leeuwen, Statistics Netherlands, Netherlands

This session will be about the infrastructure needed to support the production and use of the data grids, and the one needed for the dissemination/use of the grid data.

There might be presentations about the real infrastructure (websites, servers etc.) and virtual infrastructures (standards, concepts, methodology etc.); both of these concepts are discussed. The INSPIRE initiative and its implications to the Spatial Data Infrastructure of NSI, and in this context to the use and production of GRID data, are also important issues.

Within this session we also welcome presentations about new challenges for the GeoStat project; issues currently outside the scope of this project are important.

14:30 - 14:40 Introduction, by Chair

14:40 - 15:00

French census data with coordinates: from scratch to data that works in analyses. Was it worth the effort?

Mr. Jean-Luc Lipatz, INSEE - National Institute of Statistics and Economic Studies of France, France

15:00 - 15:20

INSPIRE GRIDS new developments for statistical use. A report from the TWG Statistical Units
Dr. UDO Maack, KOSIS Verbund - Common Statistics Informations System, Germany

15:20 - 15:50 Tea & Coffee break

15:50 - 16:10

Grid based geoprocessing webservice

Mr. Pieter Bresters, Statistics Netherlands, Netherlands

16:10 - 16:30

The Italian GIS infrastructure to support geostatistical data dissemination

Mrs. Pina Grazia Ticca, ISTAT - Italian National Institute of Statistics, Italy

16:30 - 16:50

Dissemination of Geostatistics via GIS Portal

Mr. Igor Kuzma, Regional Statistics Department, Statistical Office of the Republic of Slovenia
and Mr. Tomaz Zagar, Geodetic Institute of Slovenia, Slovenia

16:50 - 17:10

Access to and use of spatial data from the National Survey and Cadastre
Mr. Michael Berg Rasmussen, Statistics Denmark, Denmark

17:10 Discussion and summing up, by Chair

19:00 Social Event

BUS Tour in Lisbon (Old Town / Age of Discoveries) and dinner at a typical fado restaurant

Day 3: Friday October 14, 2011

Work Session 3 Case Studies

Chair: Mrs. Ingrid Kaminger, Statistics Austria, Austria

This session is intended to embrace the WP1 activities of the Geostat project. Here the focus is on the usefulness of grid-based statistics and small-area statistics. There will be presentations about the application of the different grid datasets to analyse human societies and the build and natural environment, focusing on the scale factor in these datasets (from local to global).

09:00 - 09:10 Introduction, by Chair

09:10 - 09:30

Population distribution grid uses in the context of regional and urban analysis at European scale
Mr. Hugo Poelman, European Commission DG Regional Policy, Belgium

09:30 - 10:00

Pinpoint Sweden - A platform for accessibility analysis based on grid data
Mr. Erik Fransson and Mr. Anders Dahlgren, Swedish Agency for Growth Policy Analysis, Sweden

10:00 - 10:20

Using statistical grids for population estimates in Protected Areas of Brazilian Amazon
Mrs. Maria do Carmo Dias Bueno, Mr. Álvaro de Oliveira D'Antona and Mr. Ricardo de Sampaio Dagnino, IBGE - Brazilian Institute of Geography and Statistics, Brazil

10:20 - 10:40

EFGS as provider of population grid data
Mr. Erik Sommer, Statistics Denmark, Denmark

10:40 - 11:00

Day Time Population of the Canton of Zurich
Mrs. Claudia Hofstetter, Statistics Canton of Zurich, Switzerland

11:00 - 11:20 Tea & Coffee break

11:20 - 11:40

Differentiation of urban and rural settlements in Croatia
Mr. Branko Crkvenčić, Croatian Bureau of Statistics, Croatia

11:40 - 12:00

Norway's most threatened fields - Potential need for farmland conservation areas due to risk of development
Mr. Svein Olav Krøgli, Mr. Sebastian Eiter and Mr. Geir-Harald Strand, Norwegian Forest and Landscape Institute, Norway

12:00 - 12:20

Agricultural holdings identified through the Italian 6° Agriculture General Census: methodologies adopted for their localization
Ms. Giampaola Bellini, Ms. Maria Grazia Magliocchi and Ms. Maria Antonietta Liguori, ISTAT - Italian National Institute of Statistics, Italy

12:20 - 12:40

Green areas in large localities – Methodology and results
Mr. Johan Stålnacke and Mrs. Karin Hedeklint, Statistics Sweden, Sweden

12:40 - 13:00

HELM - Harmonised European Land Monitoring - and options for collaboration with EFGS
Dr. Herbert Haubold, Environment Agency of Austria, Austria

13:00 - 14:00 Lunch for all participants

Round Table Discussion "Quo Vadimus?"

Chair: Mr. Vilni Verner Holst Bloch, EFGS President, Statistics Norway, Norway

14:00 - 14:15

Summing up the EFGS 2011 Lisbon conference - Some bullets for discussion
Mr. Lars H. Backer, EFGS Executive Director, Sweden

14:15 - 14:40

Discussion Panel
Keynotes and Session Chairmen

14:40 - 15:00

Summing up and Closing conference
Mr. Vilni Verner Holst Bloch, EFGS President, Statistics Norway, Norway and Mrs. Ana Santos, Statistics Portugal, Portugal

15:00 - 15:30 Tea & Coffee break

POST CONFERENCE WORKING SESSION

THE GEOSTAT 1B PROJECT MEETING (EFGS MEMBERS)

15:30 - 15:40

Eurostat perspectives on the Geostat project 1A and 1B
Mr. Ekkehard Petri, EUROSTAT, Luxembourg

15:40 - 16:20 Discussion, by all Geostat 1A and 1B partners

Topics for discussion:

Preparations for kick-off meeting for Geostat 1B
Guidelines for production and steps towards harmonization
Confidentiality and policies
Infrastructure and technologies
How to build a sustainable organization
How to include voluntary partners and contributions

16:20 - 16:30

Summing up and closing down
Mr. Vilni Verner Holst Bloch, EFGS President, Statistics Norway, Norway