27-29 May 2015
Urbanization in Europe and the world workshop
Joint Research Centre

The European Commission’s in-house science service

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Serving society
Stimulating innovation
Supporting legislation
Who are we and what do we do?

JRC is the European Commission’s in-house science service. It provides the science for policy decisions, with a view to ensuring that the EU achieves its Europe 2020 goals for a productive economy as well as a safe, secure and sustainable future.

The JRC plays a key role in the European Research Area and reinforces its multi-disciplinarity by networking extensively with leading scientific organisations in the Member States, Associated Countries and worldwide.
Main competence areas

- Energy
- Clean transport
- Environment & Climate change
- Agriculture & Food security
- Health & Consumer protection
- Safety and security, including nuclear
- Information and communication technology
Established 1957

- 7 institutes in 5 countries: Italy, Belgium, Germany, The Netherlands, Spain
- 3,055 permanent and temporary staff in 2014
- 1,370 scientific publications in 2014
- 120 instances of support to the EU policy-maker annually
- 2014 Budget: €374 million, plus €72 million earned income

Where you can find us

- Corporate Services – Brussels
- IRMM – Geel, Belgium
  Institute for Reference Materials and Measurements
- ITU – Karlsruhe, Germany and Ispra, Italy
  Institute for Transuranium Elements
- IET – Petten, The Netherlands and Ispra, Italy
  Institute for Energy and Transport
- IPSC – Ispra, Italy
  Institute for the Protection and Security of the Citizen
- IES – Ispra, Italy
  Institute for Environment and Sustainability
- IHCP – Ispra, Italy
  Institute for Health and Consumer Protection
- IPTS – Seville, Spain
  Institute for Prospective Technological Studies

20 February 2014
27-29 May 2015

Urbanization in Europe and the world workshop
Global Population Growth

Quadruplication of the global population between 1950 and 2050
Large spatial differences in population growth:
• Most of the growth taking place in Asia and Africa
• Small growth rates in Europe

Source: Population Division of the Department of Economic and Social Affairs of the United Nations Secretariat, World Population Prospects: The 2012 Revision
But do we know where and how people live today?
City Centre, Rio de Janeiro, Brazil
Favelas, Rio de Janeiro, Brazil
Advances in satellite technology
Landsat 5 (1984)
Landsat 7 (1999)
SPOT 4 (1998)
IKONOS (2000)
WorldView-2 (2010)
Addis Abbeba
Workshop Goals

• bring together planners, from international and national practice, from academia, and policy working or interested in remote sensing or other new mapping technologies.

• discuss how new mapping tools can inform spatial planning

• promote best practice in territorial and regional policy-making using new mapping tools and methods

• promote discourses bridging across traditional dichotomies of 'urban' and 'rural' settlements
Workshop Program

Day 1 – Wednesday, May 27th, 2015

Urbanization in Europe

Morning
• Keynote Speech by Prof Michael Batty:
  When all the world’s a city: Europe in an entirely urbanised world
• Interactive survey on the city boundary
• How the science of cities can help European policy makers: new analysis and perspectives

Afternoon
• Session 1: European reference data, models, indicators
• Session 2: European urban analysis and case studies
Workshop Program

Day 2 – Thursday, May 28th, 2015

Global urbanization trends and challenges

Morning
• Keynote Speech by Prof Mark Montgomery
• Session 1: Tools and methods for global urban analysis

Afternoon
• Session 2: Population data for spatial planning
• Session 3: Spatial Planning Guidelines
Workshop Program

Day 3 – Friday, May 29th, 2015

Morning
UNECE Task group meeting on Spatial Planning guidelines
(Optional and open to all)
UNECE Task group members only session and lunch

Afternoon
15:00 Multimedia show for all
And EXPO Visit
Urbanization in Europe and the World

Steering Committee

Dijkstra, Lewis (EC, REGIO)
Ehrlich, Daniele (EC, JRC)
Garau, Pietro (INU, Italy)
Halkia, Matina (chair/contact person, EC, JRC)
Hamilton, Ellen (The World Bank)
Kemper, Thomas (EC, JRC)
Mboup, Gora (GORA)
Penn, Alan (CASA, UCL, UK)
Pesaresi, Martino (EC, JRC)
Sliuzas, Richard (ITC, The Netherlands)
Soille, Pierre (EC, JRC)
Szolgayova, Elena (Slovak Republic)

In collaboration with Paola Deda,
Housing and Land Management Committee of
the UN Economic Council for Europe (UNECE)

27 May 2015
Logistics

Coffee Breaks
- 27th and 28th May at the Foyer (15:00 - 15:30)
- Short bio break in the morning between presentations with coffee/water buffet

Buffet Lunches:
- 27th and 28th May at the Foyer (12:00 - 13:00)

Departure of the bus to the Sunset Hotel:
- 18:30 on the 27th (from the JRC Visitor’s Centre)
- 18:15 on the 28th (from the JRC Auditorium)
- 18:00 on the 29th (from MILAN EXPO 2015)
Logistics

Side Events:

27th May at 17:45
JRC Visitor’s Centre guided tour
(with interactive demo of the European Settlement Map)
Workshop Group Photograph

28th May at 20:00
Social Dinner at Hotel Belvedere in Ranco

29th May at 15:00
Optional multimedia show offered to workshop participants at the EU EXPO pavilion
Welcome pack, Forms, hand-outs and hand-ins

Welcome pack
Folder
- Workshop leaflet
- Agenda of workshop
- Agenda of UNECE meeting
- Discussion survey points
- Participants list
- Quality assurance questionnaire

Bag
- Abstracts of speakers
- GHSL booklet
- JRC ANNUAL REPORT
- Disasters Thematic Report
Welcome pack, Forms, hand-outs and hand-ins

• Interactive survey devices
  Please return them to Claudia at 12:00 **today** and sign off

• EXPO 2015 tickets
  Please pick them up from Claudia at 15:00 **tomorrow** and sign off

• Discussion survey points
  Please hand in your completed forms to Stefano and Andreea as you exit **today**

• Quality assurance survey
  Please hand in your completed forms to Stefano and Andreea as you exit **tomorrow**