



ABSTRACT

Title: Using Census 2011 geodata of Spain

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Among other improvements, the 2011 Census of Spain had applied enlarged GIS tools and will produce census statistics by detailed geographical areas. It was a huge effort during the field work stage and this new geo-referenced information will be a challenge for the next steps ahead.

The first and main output will be the new tool of Census dissemination, based in the 2001 experience with a Data Warehouse technology. The presentation describes the aims and new functionalities. As well as the classical queries by administrative and statistical units the new tool will produce rich information from user's tailored areas. Confidentiality issues should be solved even more carefully in this new context.

Secondly, the address point information from the Census could feed a stronger Statistical Infrastructure of INE in a variety of fields referred to territory, used either in the way of classical text geographical repertories or as geospatial features that will be able to GIS treatments. Many projects will be improved with the new geospatial data.

Many methodological works should be done for producing grid statistics, considering firstly the methodology of last Spanish Census, combining administrative registers and a very big survey. Secondly we have the classical geostatistical issues associated with data without spatial point feature and confidentiality.



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