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"The proof of the apple is in the eating!"

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ABSTRACT

Title: A population grid for Andalusia (Spain)

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The Institute of Statistics and Cartography of Andalusia (IECA), official body member of the Regional Government of Andalusia, presented last July 10th, 2013 the results of its project "**A population grid for Andalusia. Year 2013**". Our region has been divided generating a grid of cells size 250_250 m. We have used as main source of information for population location, administrative data coming from RPA, Population Register of Andalusia, dated January 1st, 2013. All individuals officially settled in any municipality of Andalusia are recorded in RPA with additional information regarding their postal address and demographic characteristics such as sex, age and nationality.

This information has been georeferenced by assigning the corresponding geographic coordinates to all persons residing in any dwelling located in Andalusia. The georeferenced information coming from RPA has been added up in the regular grid cells, in order to protect confidentiality of statistical information. This bottom-up approach achieved the georeferentiation of 87.4% of the population registered in RPA. The remaining 12.6% of the population has been spatially allocated to a cell using statistical techniques and ancillary information from RPA and the cadastre (top-down approach).

For the dissemination of the results on the internet a map viewer has been developed. Three maps are available: "Total Population", "Population by Nationality" and "Population by Age Groups". The link to the project results is:
http://www.juntadeandalucia.es/institutodeestadisticaycartografia/bd/GRIDvisor/densidad.jsp