

Caliope EU application displays air pollution forecasts throughout Europe

Barcelona, 10 November 2015 – The mobile application Caliope EU, which provides 48-hour forecasts of air quality for the whole of Europe, is now available for download on Google Play. Caliope EU is the European version of the Caliope application, which has been making air pollution forecasts for Spain available on mobile devices since 2013.

Caliope EU has been developed thanks to support received through the MYGEOSS project, as part of which it received an award as one of the best environmental applications using open data. The award will be presented today in Mexico City during the plenary meeting of the GEO (Group on Earth Observations) organisation.

The Caliope application is based on the air quality prediction system of the same name. This was created in 2007 with the aim of improving pollution control systems in large cities and providing a reliable source of information for those groups of the population who are particularly sensitive to the effects of air pollution, including children and older people, or people with respiratory problems.

Caliope allows both users and environmental managers to view the air quality level in a specific geographic location, as well as the concentrations of the main pollutants – ozone, nitrogen dioxide, sulphur dioxide and particles in the air – in that area.

Caliope has been developed by Barcelona Supercomputing Center in partnership with the Spanish Department of Agriculture, Nutrition and Environment. Information provided by this system may be consulted free of charge on the following webpage: www.bsc.es/caliope.

Barcelona Supercomputing Center

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BSC is a Severo Ochoa Center of Excellence and a first level hosting member of the European research infrastructure PRACE (Partnership for Advanced Computing in Europe). BSC also manages the Spanish Supercomputing Network (RES).

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