

## **Interactive Webgis System for Weather Forecasting in Spanish Roads**

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### **ABSTRACT**

An interactive visual weather forecasting system has been developed to display 24 h range of hourly severe traffic conditions, based on AEMET BDDP (Forecast Digital Database from AEMET). The information is delivered through URL (http), using CGI interface (ANSI C programs) on the server side, and Openlayers javascript API on the browser side. This application will be upgrade when the new AEMET Numerical Weather Prediction Model HARMONIE will become operational. This new NWP model will have a horizontal resolution of 2.5 Km and it is expected that it will improve the surface parameters forecast and from them results of this application will improve as well.