



## **ANEMO ALARM - forecasting road traffic safety conditions in Croatia**

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Bora, a gusty downslope windstorm that blows at the eastern Adriatic coast is a vigorous flow which varies in space and time and the location of occurrence. It greatly affects or even stops virtually all human and cargo transportation in the area of its occurrence, as well as altering some other human activities. Therefore, knowing bora characteristics is a necessary condition for road transport safety along the Adriatic coast.

An application, named ANEMO-ALARM, has been developed in NMS that assists road authorities in managing the traffic on the roads affected by strong wind and turbulence. The application is based on measured and forecasted wind speed and gusts for locations on Croatian roads that are most affected by severe wind. The application communicates with the user through a graphical user interface that consists of current and expected alarm status for road traffic safety conditions for different vehicle categories.