



## **Warning/alert/alarm verification in Basque Country: the Euskalmet case.**

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The Basque Meteorology Agency (Euskalmet) has, among its responsibilities, high impact weather forecast for the Basque Country area. Information available for a particular adverse event must be communicated properly for different users, including emergency decision-makers and end-users before and during severe event. After the episode some verification processes are applied for different forecast products including numerical and human-based, like forecast bulletins and warnings issued during the high impact weather event. Warning/alert/alarm information, issued in different formats, for population may be the paradigm of high impact weather forecast product oriented for general public, considered as end-users.

In this paper we present different verification approaches we have implemented in Euskalmet for internal quality control of warning/alert/alarms issued, including our experience in communication of verification information to decision-makers and finally how uncertainty in observations affect verification process in warning/alert/alarm cases.