



## **Halo; Met Norway's weather service for the public sector**

Solfrid Agersten (1), Ine-Therese Pedersen (2), Berit Hagen (3), and Håkon Mjelstad (4)

(1) Norwegian Meteorological Institute, Metklim, Oslo, Norway (solfrid.agersten@met.no), (2) Norwegian Meteorological Institute, Metklim, Tromsø, Norway (inetsp@met.no), (3) Norwegian Meteorological Institute, Metklim, Bergen, Norway (berit.hagen@met.no), (4) Norwegian Meteorological Institute, Metklim, Oslo, Norway (hakonm@met.no)

Halo is a web-based weather service that is customized and dedicated MET Norway's partners in the public sector in order to contribute to the protection of life and property. Halo was developed based on user feedback to ensure a usability focus. The use of this service is both for planning, monitoring and civil protection. The organizations do the administration of their internal users of Halo themselves, which give them responsibility for the use of the service. There exists a large specter of products as several types of maps, point-based information and possibility to run an oil-drift- or "person over board"- model simulation. The users have the possibility to set up their own "sites"(dashboards) for their special user-need. Some products is developed together with a user, and it is a question about how far should you go to satisfy some particular user? A daily weather brief from the meteorologists on video will be accessible through Halo containing information about the uncertainty of the forecast and where and what to be concerned about.

In this speech you will also hear more about:

- \* Experience with human-to-human interaction (meteorologists in co-operation with the expert-user)
- \* Experience with human-to-machine interface (development of the Halo portal/service and the interaction between the meteorologists and the IT-department for further development and the operational process.)
- \* Experience with machine to machine interface (users want access to data and services e.g. WebMapServices into their own tools)
- \* How MET Norway has gone forth to "reshape" the user's requirements, desires and needs onto products and IT deliveries.
- \* The gain of having close relationship with decision-makers in the public sector.
- \* The experience of using Twitter when communicating different kind of weather and extreme weather events and the value of being accessible for the public in a chat.