



DATA.KNMI.NL - Status & Future Challenges

John van de Vegte, Wim Som de Cerff, Hans Verhoef, Maarten Plieger, Ernst de Vreede, Ian van der Neut, Jeroen Bos, Siu-Siu Ha, Raymond Sluiter, Jan Willem Noteboom, Henk Klein Baltink, and Mieke Reijmerink

Royal Netherlands Meteorological Institute, R&D Observation & Data Technology, De Bilt, Netherlands (vegtevd@knmi.nl)

The Royal Netherlands Meteorological Institute (KNMI) has over 150 years of knowledge and gathered information related to weather, Climate and Seismology.

A huge part of this information is from numerical models, insitu sensor networks and remote sensing satellites. This digital collection is becoming more and more available in the newly developed KNMI Data Centre, that is now 2 years operational.

The KNMI Data Centre project has a user driven development approach where SCRUM is chosen to get maximum user involvement in a relative short timeframe. The system is build on open standards and proven opensource technology (which includes in-house developed software like ADAGUC WMS and Portal).

The presentation will focus on the aspects of developing the initial KNMI Data Centre, the operational use of the last 2 years, and how a major release for the coming year will be realized. The new release which will focus on better user experience and extending the technical data interfaces to the data centre.

Keywords: Agile, Usage Statistics, Open Data, Inspire, DOI, WMS, WCS, OPeNDAP