



Preserving & Serving 150 years of KNMI data

J. van de Vegte and W.J. Som de Cerff

Royal Netherlands Meteorological Institute, R&D ICT & Sensor Technology, De Bilt, Netherlands (vegtevd@knmi.nl, +31 30 2210407)

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 mostly internal only available and is a collection of non searchable , non standardized file formats, lacking documentation and has no references to scientific publications.

With the Dutch funded KNMI Data Centre (KDC) project we aim to tackle al these issues. In the project a user driven development approach with SCRUM is chosen to get maximum user involvement in a relative short development timeframe. Building on open standards and proven opensource technology (which includes in-house developed software like ADAGUC WMS and Portal) should result in a solid first release in 2012-Q3.

This presentation will focus on the aspects of developing the KDC relating to its technical challenges, the human factor and the development strategy to come to a future-proof centre that will preserve our data en make it usable for the community.