HOLLAND CLIMATE HOUSE

Science and experience in dealing with climate change

Climate Services

Wednesday December 16, Exposition Floor (Hall C7)

Organized by: Royal Netherlands Meteorological Institute (KNMI)
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Time	Topic	Session contents
12.00-18.00	Climate services and tailoring of climate data	In recent years the number of sectors paying attention to climate and climate change has increased, leading to an enormous increase in requests to the KNMI for data and information. In a running presentation we will provide an overview of the various elements of our Climate Services, developments and the basic information sources we use. • Presentations of tailoring climate data by Gé Verver and Rob van Dorland (KNMI); • Interviews with representatives of users and providers of climate information about the development and use of this information in planning, policy and practice in order to better adapt to climate change; Informal discussions with users of climate information.
12.00-18.00	Water scenarios for the Netherlands	Climate change will lead to changes in precipitation, temperature, wind and evaporation. Located in a delta, 'water scenarios' describing the range of plausible changes for these parameters are needed for the design of adaptive water management strategies. The presentation by Jaap Kwadijk shows how we make such water scenarios.

Contents of the day

Climate influences many sectors including watermanagement, transport, nature, agriculture and public health. To deal adequately with these influences, governments, companies, NGO's need detailed and tailored information about the current and future climate. This information is provided through our Climate Services. The basis for information about the current climate is provided by observations. For the climate of the future we use simulations with climate models. However, these data often have to be tailored for specific users. For example, for estimates of extreme river discharges other information is needed about precipitation than for estimates of water excess in urban areas. Based on climate model simulations several countries make their own limited number of regional climate scenarios, which can be used for impact and adaptation studies and strategies. During today's side event, a parallel exposition will be held showing examples of climate services and tailoring of climate data. This exposition will be accompanied by presentations on climate services, by live interviews and informal discussions with users of climate information.