

> Retouradres Postbus 201 3730 AE De Bilt

Onderwerp **Vacancy announcement**
Datum 15 april 2010
Nummer KNMI 2010/11

KNMI

Bezoekadres
Wilhelminalaan 10
3732 GK De Bilt
Postbus 201
3730 AE De Bilt
T 030-220 69 11
www.knmi.nl

Job opening at the Global Climate Division of the Royal Netherlands Meteorological Institute (KNMI):

Contactpersoon
dr. W. Hazeleger
T 030-2206
-

PhD position

uncertainties in global and regional climate projections

General Information:

KNMI is the national centre for data and knowledge on weather, climate and seismology. KNMI performs scientific research at a recognized high international level. One of the central research themes is climate change. KNMI constructs climate scenarios of future climate that are used in society to adapt to possible climate changes. KNMI uses observations, complex numerical climate models and scientific knowledge for that purpose.

Job description:

Climate adaptation measures to changing climate conditions are associated with two types of uncertainties. First, there are uncertainties that are inherent to the climate system and use of climate models. Second, uncertainties arise from the impact of changes in climate on society. Experts in climate modelling can assess the changes in weather extremes, while the second type of uncertainty is the realm of climate impact scientists and social science. The candidate will assess uncertainties in output from global and regional climate models. Different sources of uncertainties will be quantified, associated with model uncertainty, natural variability and drivers of climate changes. Users of climate information often use derived variables at a local scale. The candidate will assess the propagation of uncertainty from global climate models to parameters used in climate impact studies. Examples of such users are water managers and urban planners. The project is part of the Knowledge for Climate program (www.climateresearchnetherlands.nl). This is a demand-driven program to develop regional climate adaptation strategies.

The candidate will work at the Global Climate Division of KNMI, supervised by Dr. W. Hazeleger in collaboration with Wageningen University. The work is expected to lead to a PhD.

Qualifications:

You have a Master degree in a natural sciences discipline and are well acquainted with statistical analyses and meteorology. You have experience in working with large datasets and numerical models. You are interested in multi-disciplinary approaches in scientific research. You have a good knowledge of English in speech and writing.

Location: De Bilt, the Netherlands
Salary: 1st year max € 1934,18 (gross),
2nd year max € 2047,12 (gross),
3rd year € 222,13 (gross),
4th year € 2571,64 (gross).

KNMI

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For information you can contact dr. ir. W. Hazeleger,
telefoonnummer +30-302206718, e-mail: Wilco.Hazeleger@knmi.nl

Bijzonderheden

Duration of the contract is 4 years.

Employees working on projects will be part of Stichting Wetenschappelijk
Onderzoek KNMI.

Letters, including reference to 'vacaturenummer KNMI 2010/11' should be sent
before the 20th of May 2010 to:

Ministerie van Verkeer en Waterstaat
Werving en Selectie
Postbus 20906
2500 EX Den Haag

of e-mail: recruitment@minvenw.nl