

# Michael Blaschek

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Born: April 4, 1983 – Vienna, Austria  
Nationality: Austrian

## Current position

*PhD*, Vrije Universiteit Amsterdam

## Areas of specialization

Climate modelling – Palaeoclimatology - Radiosondes

## Education

2010-2013 PhD in climate modelling at the Vrije Universiteit Amsterdam  
2009 Graduation at the University of Vienna in Meteorology  
2008-2009 Diploma thesis supervised by Dr. L. Haimberger  
2007-2008 Student Mobility Exchange (Erasmus) at the University Complutense de Madrid (UCM)  
2005-2007 Studies in Technical Informatics  
2002-2009 Studies in Meteorology  
2001-2002 Military service

## Degrees

2014\* PHD in Climate modelling, VU Amsterdam  
2008 MSc in Meteorology, University of Vienna

## Publications & talks

### JOURNAL ARTICLES

- 2013 M. **Blaschek** and H. Renssen. The impact of early holocene arctic shelf flooding on climate in an atmosphere-ocean-sea ice model. *Climate of the Past*, 9(6):2651–2667, 2013
- D. J. R. Thornalley, M. **Blaschek**, F. J. Davies, S. Praetorius, D. W. Oppo, J. F. McManus, I. R. Hall, H. Kleiven, H. Renssen, and I. N. McCave. Long-term variations in iceland-scotland overflow strength during the holocene. *Climate of the Past Discussions*, 9(2):1627–1656, 2013
- M. **Blaschek** and H. Renssen. The holocene thermal maximum in the nordic seas: the impact of greenland ice sheet melt and other forcings in a coupled atmosphere–sea-ice–ocean model. *Climate of the Past*, 9(4):1629–1643, 2013
- 2009 Michael **Blaschek**. *Vergleich von globalen Radiosondentemperaturen mit GPS Okkultationsmessungen*. 2009

### CONFERENCES

- 2013 M. **Blaschek** and H. Renssen. Arctic shelf flooding: a negative feedback on climate warming during terminations. In *EGU General Assembly Conference Abstracts*, volume 15 of *EGU General Assembly Conference Abstracts*, April 2013, Talk
- M. **Blaschek**, P. Bakker, and H. Renssen. The influence of Greenland melt water on climate during past and future warm periods: a model study. In *EGU General Assembly Conference Abstracts*, volume 15 of *EGU General Assembly Conference Abstracts*, April 2013, Poster
- 2012 M. **Blaschek** and H. Renssen. The Influence of Greenland melt water on the temporal and spatial response of the Holocene Thermal Maximum in the Nordic Seas: a modelling study. In A. Abbasi and N. Giesen, editors, *EGU General Assembly Conference Abstracts*, volume 14 of *EGU General Assembly Conference Abstracts*, page 10679, April 2012, Talk
- M. **Blaschek** and H. Renssen. The sensitivity of Arctic sea ice production to shelf flooding during the early Holocene: a modelling study. In A. Abbasi and N. Giesen, editors, *EGU General Assembly Conference Abstracts*, volume 14 of *EGU General Assembly Conference Abstracts*, page 10803, April 2012, Poster
- 2011 M. **Blaschek**, C. J. Van Meerbeek, and H. Renssen. The temporal and spatial response of the Nordic Seas surface conditions to external and internal forcings during the Holocene - A Data-Model comparison . In *EGU General Assembly Conference Abstracts*, volume 13 of *EGU General Assembly Conference Abstracts*, April 2011, Poster

## References

- 2010-2013 Dr. Hans Renssen, *Vrije Universiteit Amsterdam* ([h.rensen@vu.nl](mailto:h.rensen@vu.nl))
- 2009-2010 Dr. Elisabeth Koch, *Central Institute of Meteorology and Geo-dynamics (ZAMG)* ([e.koch@zamg.ac.at](mailto:e.koch@zamg.ac.at))
- 2008-2009 Dr. Leopold Haimberger, *University of Vienna* ([leopold.haimberger@univie.ac.at](mailto:leopold.haimberger@univie.ac.at))