



Zentralanstalt für Meteorologie und Geodynamik

DI Ivonne Anders

Abteilung Klimaforschung
Bereich Daten, Modelle, Methoden
Raum: H.3.01
Hohe Warte 38
1190 Wien

Tel.: +43 (0)1 / 36 0 26 / 2218

Fax: +43 (0)1 / 36 0 26 72

Arbeitsbereich/ Field of work

- regional climate modelling
- soil-atmosphere interaction
- statistical analysis of model results

CV / Lebenslauf

Jan 2009 - present	ZAMG, Climate Modelling
Dec 2004 – Dec 2008	PhD student at GKSS Research Center, Geesthacht and Hamburg University PhD Thesis: "Representation of air temperature and surface wind speed over land in a multi model ensemble" (work will be finished in 2010)
Oct 2003 - Oct 2004	Dresden University of Technology, Institute for Computer Science Study of Software Technology
Oct 1996 - Oct 2003	Dresden University of Technology, Institute for Cartography Study of Cartography Diploma Thesis (in german): "High Resolution Maps of Suspended Particulate Matter Concentration in the German Bight derived from SPOT Data" (carried out at the German Aerospace Center, Remote Sensing Technology Institute and at the GKSS Research Center) Final Certification : "Diplom-Ingenieur"
Oct 1999 - Mar 2000	Department of the Physical Geography, Stockholm University practical term, focus on remote sensing
Jun 1996	Abitur

Publications / Publikationen

Peer reviewed literature

Anders, I., and B. Rockel (2008): The influence of prescribed soil type distribution on the representation of present climate in a regional climate model. *Climate Dynamics*. Online First. DOI: 10.1007/s00382-008-0470-y <http://www.springerlink.com/content/c35114821817xwr/>

Jäger, E., Anders, I., Lüthi, D., Rockel, B., Schär, C., Seneviratne, S.I. (2008) Analysis of ERA40-driven CLM simulations for Europe. *Meteorologische Zeitschrift* 17(4), 349-367.

Lehner, S.; Anders, I.; Gayer, G. (2006) High Resolution Maps of Suspended Particulate Matter Concentration in the German Bight, *EARSeL eProceedings*, Vol. 3, No. 1, 118-126.

Grey literature

Auer I., Anders I., (2009) High resolution climate information. *Public Science Review: Science and Technology* 4, 18-19.

Anders, I., Storch, H. von, Rockel B. (2009): Verification of simulated near surface wind speeds by a multi model ensemble with focus on coastal regions. 2nd International Lund RCM Workshop, Lund, Sweden, 04-08 May 2009, Workshop Proceedings ISSN1681-6471. p.181-182.

Anders, I., Storch, H. von, Rockel B. (2009): Verification of near surface wind speeds simulated by a multi model ensemble with focus on coastal regions. *EGU General Assembly*, Vienna, Austria, 19.-24. April 2009. *Geophys. Research Abstracts*. Vol. 11, 11400, 2009.

Anders, I., Rockel, B. (2008): The influence of prescribed soil type distribution on a regional climate models representation of observed climate. *EGU General Assembly*, Vienna, Austria, 13.-18. April 2008. *Geophys. Research Abstracts*. Vol. 10, 04054, 2008.

Anders, I., Storch, H.v., Rockel, B. (2008): Analysis of near surface wind speed results from a multi model ensemble. *EGU General Assembly*, Vienna, Austria, 13.-18. April 2008. *Geophys. Research Abstracts*. Vol. 10, 04082, 2008.

Anders, I., Rockel, B. (2007): Sensitivity of Regional Climate Model CLM in terms of varying parameters for spectral nudging technique. *EGU General Assembly*, Vienna, Austria, 16-20 April 2007. *Geophys. Research Abstracts*. Vol. 9, 07456, 2007.

Anders, I., Rockel, B. (2007): Analysis of ENSEMBLES multimodel simulations forced by ERA40. *EGU General Assembly*, Vienna, Austria, 16-20 April 2007. *Geophys. Research Abstracts*. Vol. 9, 07404, 2007.

Anders, I., Rockel, B., Geyer, B. (2007): Comparative analysis of CLM simulations using different soil information. *EGU General Assembly*, Vienna, Austria, 16-20 April 2007. *Geophys. Research Abstracts*. Vol. 9, 07366, 2007.

Anders, I. (2003): Extraktion der oberflächennahen Schwebstoffkonzentrationen in der Deutschen Nordsee aus SPOT-Satellitendaten - Analyse und Modellvergleiche. Diploma-Thesis, Institute for Cartography, Dresden University of Technology.

Presentations / Präsentationen

Talks / Vorträge

Anders, I., Storch, H. von, Rockel B. (2009): Verification of near surface wind speeds simulated by a multi model ensemble with focus on coastal regions. *EGU General Assembly*, Vienna, Austria, 19.-24. April 2009.

Anders, I., Storch, H. von, Rockel B. (2009): Verification of near surface wind speeds simulated by a multi model ensemble with focus on coastal regions. *COSMO/CLM User Seminar 2009*, Langen, Germany, 9-12. March 2009.

Anders, I. (2008): The influence of the prescribed soil type distribution on the representation of observed climate in the regional climate model CLM. *ETH Zürich*, Switzerland. (invited)

Anders, I. (2008): Comparison of the influence of two soil type distributions on the representation of observed climate in the CLM. *3rd CLM Assembly*, 5-7th March 2008, Langen, Germany.

Anders, I. (2007): Klimasimulationen im EU-Projekt ENSEMBLES - Einführung einer neuen Bodenart im Modell. Statusseminar of the Institute for Coastal Research, 5-8 November 2007, Kuehlungsborn, Germany.

Anders, I., Rockel, B.(2007): ENSEMBLES Multimodel Simulations Forced by ERA40: Analysis of CLM Results, LM User Seminar (Joint Session with 2nd CLM Assembly), 5-7th March 2007, Langen, Germany.

Lehner, S.; Anders, I.; Gayer, G. (2003) High Resolution Maps of Suspended Particulate Matter Concentration in the German Bight, 1st EARSeL Workshop on Remote Sensing of the Coastal Zone, 5-7 July, 2003, Gent, Belgium.

Posters / Poster

Anders, I., Storch, H. von, Rockel B. (2009): Verification of simulated near surface wind speeds by a multi model ensemble with focus on coastal regions. 2nd International Lund RCM Workshop, Lund, Sweden, 04-08 May 2009.

Anders, I., Rockel, B. (2008): The influence of prescribed soil type distribution on a regional climate models representation of observed climate. EGU General Assembly, Vienna, Austria, 13.-18. April 2008. Geophys. Research Abstracts. Vol. 10, 04054, 2008.

Anders, I., Storch, H.v., Rockel, B. (2008): Analysis of near surface wind speed results from a multi model ensemble. EGU General Assembly, Vienna, Austria, 13.-18. April 2008. Geophys. Research Abstracts. Vol. 10, 04082, 2008.

Anders, I., Rockel, B. (2007): Comparative analysis of CLM simulations using different soil information. ENSEMBLES Fourth General Assembly, 12-15 Nov. 2007. Prague, Czech Republic.

Anders, I., Rockel, B. (2007): Sensitivity of Regional Climate Model CLM in terms of varying parameters for spectral nudging technique. EGU General Assembly, Vienna, Austria, 16-20 April 2007. Geophys. Research Abstracts. Vol. 9, 07456, 2007.

Anders, I., Rockel, B. (2007): Analysis of ENSEMBLES multimodel simulations forced by ERA40. EGU General Assembly, Vienna, Austria, 16-20 April 2007. Geophys. Research Abstracts. Vol. 9, 07404, 2007.

Anders, I., Rockel, B., Geyer, B. (2007): Comparative analysis of CLM simulations using different soil information. EGU General Assembly, Vienna, Austria, 16-20 April 2007. Geophys. Research Abstracts. Vol. 9, 07366, 2007.

Anders, I., Rockel, B. (2006): ENSEMBLES multi model simulations forced by ERA40 - Analysis of CLM results. ENSEMBLES Third General Assembly, 20-24 Nov. 2006. Lund, Sweden.

Anders, I., Rockel, B. (2006): Analysis of RCM ensemble simulations in terms of detection and attribution of regional climate change. 5th International NCCR Climate Summer School "Adaptation and Mitigation: Responses to Climate Change". 27 August – 1 September 2006, Grindelwald, Switzerland

Anders, I., Rockel, B. (2006): Analysis of RCM ensemble simulations in terms of detection and attribution of regional climate change. ICTP 3rd Workshop on the "Theory and Use of Regional Climate Models", 29. May - 9 June, 2006, Trieste, Italy.

Anders, I. (2003): Extraktion von Schwebstoffkonzentrationen in der Deutschen Nordsee aus SPOT-Daten - Analyse und Modellvergleiche. Annex to the Diploma Thesis. July 2003. Dresden, Germany.

Anders, I., Lehner, S., Gayer, G. (2003): Extraktion von Schwebstoffkonzentrationen in der Deutschen Nordsee aus SPOT-Daten - Analyse und Modellvergleiche. ENVOC Final Meeting, 23 - 26 March 2003.

Projects / Projekte

ongoing / laufend

reclip:century (see [ZAMG webpage](#))

completed / abgeschlossen

ENSEMBLES www.ensembles-eu.org

Scientific Activities / Wissenschaftliche Aktivitäten

Member of COSMO-CLM Community www.clm-community.eu