

**Publikationen Principle Investigators (A-K)**

Autor	Jahr	Titel	Quelle
<b>Backhaus, Jan</b>			
Backhaus, J.	2008	Improved representation of topographic effects by a vertical adaptive grid in vector-ocean-model (VOM). Part I: Generation of adaptive grids.	Ocean Modelling 22 (2008), pp. 114–127
Backhaus, J., Harms, I., Huebner, U.	2008	Improved representation of topographic effects by a vertical adaptive grid in Vector-Ocean-Model (VOM). Part II: Simulations in unstructured adaptive grids.	Ocean Modelling 22 (2008), pp. 128–145
<b>Brandt, Angelika</b>			
Brandt, A.; Bathmann, U.; Brix, S.; Cisewski, B.; Flores, H.; Göcke, C.; Janussen, D.; Krägefsky, S.; Kruse, S.; Leach, H.; Linse, K.; Pakhomov, E.; Peeken, I.; Riehl, T.; Sauter, E.; Sachs, O.; Schüller, M.; Schrödl, M.; Schwabe, E.; Strass, V.; van Franeker, J.; Wilmsen, E.	2010	Maud Rise – A unique Spot in the Southern Ocean?	DSR II. (submitted)
Brandt, A.; Mühlenhardt-Siegel, U.; Malyutina, M.; Kaiser, S.; Blaźewicz-Paszkowycz, M.; Havermans, C.; De Broyer, C.; Osborne, K.	2010	Are there widespread peracarid species in the deep sea (Crustacea, Malacostraca)?	Marine Biology Research. (submitted)
Brandt, A.; De Broyer, C.; Ebbe, B.; Ellingsen, K.E.; Gooday, A.J.; Janussen, D.; Kaiser, S.; Linse, K.; Schueller, M.; Thomson, M.R.A.; Tyler, P.A. & A. Vanreusel	2010	Southern Ocean deep benthic biodiversity.	Rogers, A. (ed.), Royal Society Book, Cambridge. (submitted)
Brandão, S. N. & A. Brandt	2010	Shelf to abyssal Ostracoda from the Southern Ocean - biogeographical implications.	Journal of Biogeography. (submitted)
Choudhury, M., Doti, B. & A. Brandt	2010	Coulmannia rossiae sp. nov. (Isopoda: Asellota: Paramunnidae) from the Ross Sea, Southern Ocean.	Xxx
Choudhury, M., Brökeland, W. & A. Brandt	2010	Diversity of Isopoda (Crustacea, Malacostraca): new data from the Victoria-Land coast, Ross Sea, Antarctica.	Polar Biology. (submitted)
Convey, P.; Brandt, A. & S. Nicol	2010	Life in a cold environment.	In: D.W.H. Walton (ed.) Antarctica – Global Science from a Frozen Continent. (submitted)
Brix, S., Kaiser, S. & A. Brandt	2010	Phylogenetic relationships in two deep-sea isopod families: Desmosomatidae Sars, 1897 and Nannoniscidae Hansen, 1916 (Asellota, Crustacea).	Submitted to Zootaxa.
Levin, L., Sibuet, M., Menot, L., Carney, R., Ingole, B., Kitazato, H. Passeri, H., Rowe, G., Vanreusel, A., Brandt, A., Cunha, M., Danovaro, R., DeLeo, F., Etter, R., Gambi, C., Gooday, A., Naranaswamy, B., Priede, M., Rowden, A., Smith, C., Thurber, A. & P. Tyler	2010	Newly discovered habitat heterogeneity reveals vulnerability of biodiversity on continental margins.	Plos 1. (in press)
Ramirez-Llodra, E., Brandt, A., Danovaro, R., Escobar, E., German, C.R., Levin, L.A., Martinez, P., Menot, L., Buhl-Mortensen, P., Narayanaswamy, B., Smith, C., Tittensor, D.P., Tyler, P.A., Vanreusel, A., and M. Vecchione	2010	Deep, Diverse and Definitely Different: Unique Attributes of the World's Largest Ecosystem.	Biogeosciences. (in press)
Kaiser, S.; Griffiths, H.J.; Barnes, D.K.A.; Brandao, S.N., Choudhury, M.; Brandt, A.; Linse, K. & P. O'Brien	2010	Is there a distinct continental slope fauna in the Antarctic?	DSR II. (in press)
Würzberg, L.; Peters, J.; Schüller, M. & A. Brandt	2010	Diet insights of deep-sea polychaetes derived from fatty acid analyses.	Deep-Sea Research Part II. (in press)
Ebbe, B., Billett, D., Brandt, A., Ellingsen, K., Glover, A., Keller, S., Malyutina, M., Martinez, P., Smith, C., Molodtsova, T. Rex, M., Smith, C.	2010	Diversity of abyssal marine life.	Mc Intyre book.
Brandt, A. & J. Gutt	2010	Biodiversity of a unique environment: the Southern Ocean benthos threat by climate change.	In: Zachos, F. & J. C. Habel, Biodiversity hotspots, pp. xx-xx, Springer, Heidelberg (in press)
Stransky, B. & A. Brandt	2010	Occurrence, diversity and community structures of peracarid crustaceans (Crustacea, Malacostraca) along the southern shelf of Greenland.	Polar Biology 33:851–867; DOI 10.1007/s00300-010-0785-0
Riehl, T. & A. Brandt	2010	Descriptions of two new species in the genus Macrostyliis Sars, 1864 (Isopoda, Asellota, Macrostyliidae) from the Weddell Sea (Southern Ocean), with a synonymisation of the genus Desmostyliis Brandt, 1992 with Macrostyliis.	Zookeys. doi: 10.3897/zookeys.@@.310
Brandt, A.	2009	Acutiserolis poorei sp. nov. from the Amundsen Sea	Southern Ocean (Crustacea, Isopoda, Serolidae). Mem. Mus, Vict. Austr. 66:17-24
Choudhury, M. & A. Brandt	2009	Benthic isopods (Crustacea, Malacostraca) from the Ross Sea, Antarctica: species checklist and their distribution in the Southern Ocean	Polar Biology 32: 599-610
Kaiser, S., Barnes, D. K. A., Sands, C.J. & A. Brandt	2009	Biodiversity of the Amundsen Sea (Southern Ocean)	spatial patterns of richness and abundance in shelf isopods. Marine Biodiversity 39: 27-43
Merrin, K. L., Malyutina, M. V. and Brandt, A	2009	A revision of the munnopsid genus Bathybadistes (Isopoda: Asellota: Munnopsidae) with two new species from the Southern Hemisphere	Invertebrate Systematics 23: 61-76
Doti, B.L.; Choudhury, M. & A. Brandt	2009	Holodentata, n. gen. of Paramunnidae (Isopoda: Asellota) with description of two new species	: H. caeca and H. triangulata from the Southern Ocean, Antarctica. Zootaxa xxx
Brandt, A., Enderlein, P. & K. Linse	2009	Investigations of the unknown: The benthos of the Antarctic deep sea and Amundsen Sea	. In: G. and I. Hempel (eds), Biological studies in Polar Oceans – Exploration of life in icy waters

Brandt, A. & B. Ebbe	2009	Southern Ocean deep-sea biodiversity – from patterns to processes	Deep-Sea Research II (in press). doi:10.1016/j.dsr2.2009.05.017
Brandt, A.; Linse, K. & M. Schüller	2009	Bathymetric distribution patterns of Southern Ocean macrofaunal taxa: Bivalvia, Gastropoda, Isopoda and Polychaeta	DSR I 1756 in press. doi:10.1016/j.dsr.2009.06.007
Malyutina, M. & Brandt, A	2009	Description of three new species of the deep-sea munnopsid genus <i>Belonectes</i> (Crustacea, Isopoda, Asellota) from the Weddell Sea	Southern Ocean. Zootaxa: in press
Brandt, A. & H.G. Andres	2008	Description of <i>Aega sarsae</i> sp. nov. and redescription of <i>Sysconus atlanticus</i> Kononenko, 1988 (Crustacea, Isopoda, Aegidae) from the Mid-Atlantic ridge	Marine Research 4:61-75
Brandt, A.	2008	Leben in Kälte und Dunkel - Wirbellose in der südpolaren Tiefsee	Meer und Museum 20: 114-122.
Brandt, A	2008	Leben im ewigen Dunkel – Expedition in die Tiefsee des Südozeans	In: D. Fütterer & E. Fahrbach (eds.), „Polarstern – 25 Jahre Forschung in Arktis und Antarktis“, S. 212-220
Kaiser, S.; Barnes, D.K.A, Linse, K. & Brandt, A	2008	Macrofaunal recolonisation of a young and isolated Southern Ocean island, from deep slope to shallow shelf	Antarctic Science 20(3): 281-290
Brandt, A. & H.G. Andres	2008	A new species of <i>Ischnomesidae</i> (Crustacea: Isopoda) from the Southern Ocean	<i>Stylomesus weddellensis</i> sp. nov. Zootaxa 1866: 263–276 (CeDAMar volume)
Brandt, A	2008	Deep-sea ecology: infectious impact on ecosystem function	Current Biology 18(23): R1104-R1105
Stuart, C.T.; Martinez Arbizu, P.; Smith, C. R.; Moldtsova, T.; Brandt, A.; Etter, R.; Escobar Briones, E.	2008	CeDAMar global database of abyssal biological sampling	Aquatic Biology 4: 143-145
Brandt, A.; Haas, A.; Misof, B. & R. Thiel	2008	Zoologisches Museum Hamburg. Wissenschaftliche Sammlungen und Forschung.	Hamburg, Zoologisches Museum Hamburg, 1-75
Brandt, A. & Ebbe, B	2007	ANDEEP III ANTARCTIC benthic DEEP-sea biodiversity: colonisation history and recent community patterns	Deep-Sea Research II, 54(16-17): 1645-1904
Janussen, Schrödl, M., Schwabe, E., Ebbe, B., Robert, H., Wadley, V., Würzberg, L., Zapata Guardiola, R., Brandt, A	2007	Preliminary report on AGT catches during ANT XXIV-2. Ber. Polar & Meeresforsch. Xxx	Preliminary report on AGT catches during ANT XXIV-2. Ber. Polar & Meeresforsch. Xxx.
Cornelius, N., Danis, B., De Mesel, I., Diaz, R.J., Gillan, D.C., Ebbe, B., Howe, J., Janussen, D., Kaiser, S., Linse, K., Malyutina, M., Brandao, S., Pawlowski, J., Raupach, M.	2007	The Southern Ocean deep sea: first insights into biodiversity and biogeography	Nature 447: 307-311
Ellingsen, K., Brandt, A., Hilbig, B. & K. Linse	2007	The diversity and spatial distribution of polychaetes, isopods and bivalves in the Atlantic sector of the deep Southern Ocean	Polar Biology 30: 1265-1273
Choudhury, M. & A. Brandt	2007	Distribution and composition of benthic Isopoda off Victoria-Land Coast (Ross Sea, Antarctica)	Polar Biology 30: 1431-1437
Brandt, A., Hilbig, B., Gooday, A.J.	2007	Introduction to ANDEEP	summary and outlook. DSR II, 54: 1645-1651
Brandt, A., Brökeland, W., Choudhury, M., Brix, S., Kaiser, S & Malyutina, M	2007	Deep-sea isopod biodiversity, abundance and endemism in the Atlantic sector of the Southern Ocean	results from the ANDEEP I - III expeditions. DSR II, 54: 1760-1775
Brökeland, W., Choudhury, M. & Brandt, A	2007	Composition, abundance and distribution of Peracarida from the Southern Ocean deep sea	DSR II, 54: 1752-1759
Brandt, A	2007	ANDEEP Programme. Encyclopedia of the Antarctic	vol. 1, ed. Beau Riffenburgh. New York: Routledge, 38-39
Brandt, A	2007	Marine Biology: Biodiversity. Marine. Encyclopedia of the Antarctic	vol. 1, ed. Beau Riffenburgh. New York: Routledge, 144-149
Brandt, A	2007	Marine Biology: History and Evolution. Encyclopedia of the Antarctic	vol. 2., ed. Beau Riffenburgh. New York: Routledge, 627-630
Brandt, A	2007	Three new species of <i>Fissarcturus</i> (Isopoda, Antarcturidae) from the Southern Ocean	Journal of the Linnean Society 149: 263-290
Kaiser, S. & A. Brandt	2007	On sympatric sibling species within the genus <i>Austroniscus</i> Vanhöffen, 1914 (Isopoda: Nannoniscidae) from the Antarctic shelf	ZOOTAXA 1394:47-68
Brandt, A., De Broyer, C., De Mesel, I., Ellingsen, K.E., Gooday, A., Hilbig, B., Linse, K., Thomson, M., Tyler, P.	2007	The deep benthos	In: A. Rogers (ed.): Antarctic Ecology: From Genes to Ecosystems, Royal Society, London. Phil. Trans. R. Soc. B (2007) 362, 39–66
Rehm, P., Thatje, S., Mühlenhardt-Siegel, U. & A. Brandt	2007	Composition and distribution of the peracarid crustacean fauna along a latitudinal transect off Victoria Land (Ross Sea, Antarctica) with special emphasis on the Cumacea	Polar Biology 30: 871 - 881
Malyutina, M. & Brandt, A	2007	Diversity and zoogeography of Antarctic deep-sea Munnopsidae (Crustacea, Isopoda, Asellota)	DSR II 54: 1790-1805
Malyutina, M. & Brandt, A	2007	<i>Gurjanopsis antarcticus</i> gen. nov., sp. nov. a new epibenthic deep-sea munnopsid (Crustacea, Isopoda, Munnopsidae) from the Weddell Sea	DSR II 54: 1806-1819
Raupach, M.J., Malyutina, M., Brandt, A. & Wägele, J. W	2007	Molecular data reveal a highly diverse species flock within the deep-sea isopod <i>Betamorpha fusiformis</i> (Crustacea: Isopoda: Asellota)	in the Southern Ocean. DSR II, 54: 1820-1830
Linse, K., Brandt, A., Bohn, J., Danis, B., De Broyer, C., Heterier, V., Hilbig, B., Janussen, D., López González, P.J., Schwabe, E., Thomson, M.	2007	Macro- and megabenthic communities in the abyssal Weddell Sea (South Atlantic)	DSR II, 54:1848–1863
Kaiser, S. Barnes, D.K.A. & Brandt, A	2007	Slope and deep-sea abundance across scales: Southern Ocean isopods show how complex the deep sea can be	DSR II 54: 1776-1789

Brandt, A. & J. Berge	2007	Peracarid composition, diversity and species richness in the area of the Northeast Water polynya, East Greenland (Crustacea, Malacostraca)	Polar Biology 31: 15-22. DOI 10.1007/s00300-007-0327-6
<b>Brzoska, Michael</b>			
Scheffran, J./M. Broszka / H.-G. Brauch / P. M. Link / J. Schilling	2011	Climate Change, Human Security and Violent Conflict	Springer Publisher, Heidelberg.
Brzoska, M. /Angela Oels	2010	Klimawandel – ein Sicherheitsproblem ? Folgen der „Versicherheitlichung“ des Klimawandels	in: Berthold Meyer et al., Klimawandel und Gewaltkonflikte, Nomos Verlag, Baden.Baden im Erscheinen
Brzoska, M.	2009	Securitization of Climate Change and the Power of Conceptions of Security	In: Security and Peace, Vol. 27, No. 3, pp. 137-145.
Brzoska, M.	2009	Strategien und Instrumente zur Konflikt-Gewaltprävention und zur Konfliktbearbeitung. In: Kriege um Ressourcen. Herausforderungen für das 21. Jahrhundert.	Hrsg. von Reiner Braun, Thomas Held, Fritz Brickwedde, Eberhard Neugebohrn, Ole von Üexküll. Oekom Verlag München 2009.
Brzoska, M.	2008	Klimawandel – ein Sicherheitsproblem?	In: Friedensgutachten 2008, Lit Verlag, Münster, S. 175-185.
Brzoska, M.	2008	Extending ODA or Creating a New Reporting Instrument for Security-related Expenditures for Development?	Development Policy Review, Vol. 26, No. 2, S. 131 –150
<b>Brümmer, Burghard</b>			
Lammert, A., B. Brümmer, M. Haller, G. Müller and H. Schyberg	2010	Comparison of three weather prediction models with buoy and aircraft measurements under cyclone conditions in Fram Strait.	Tellus 62A, doi: 1600-0870.2010.00460.x.
Brümmer, B., G. Müller, C. Klepp, G. Spreen, R. Romeiser and J. Horstmann	2010	Characteristics and impact of a gale-force storm field over the Norwegian Sea.	Tellus 62A, 481-496, doi: 10.1111/j.1600-0870.2010.0048.x.
Brümmer, B., G. Müller, A. Lammert-Stockschläder and A. Jahnke-Bornemann	2009	The drift buoys experiment FRAMZY 2008: Ice drift in Fram Strait and relation to atmospheric forcing.	Berichte a. d. Zentrum f. Meeres- und Klimaforschung, Reihe A, Nr.40, 47pp.
Lammert, A., B. Brümmer and L. Kaleschke	2009	Observation of cyclone-induced inertial sea-ice oscillation in Fram Strait.	Geophys. Res. Lett., Vol.36, doi:10.1029/2009GL037197.
Brümmer, B., A. Kirchgäßner and G. Müller	2009	The atmospheric boundary layer structure over the open and ice-covered Baltic Sea: in situ measurements compared to simulations with the regional model REMO.	Theor. Appl. Climatol., doi:10.1007/s00704-009-0177-y.
Brümmer, B., G. Müller and G. Noer	2009	A polar low pair over the Norwegian Sea.	Mon. Wea. Rev., Vol. 137(8), 2559-2575, doi: 10.1175/2009MWR2864.1.
Jahnke-Bornemann, A. and B. Brümmer	2009	The Iceland-Lofotes pressure difference: different states of the North Atlantic low pressure zone.	Tellus A, Vol. 61(4), 466-475, doi:10.1111/j.1600-0870.2009.00401.x
Lammert, A., B. Brümmer, I. Ebbers and G. Müller	2008	Validation of ECMWF and DWD model analyses with buoy measurements over the Norwegian Sea.	Meteorol. Atmos. Phys., 102, 87-96, doi:10.1007/s00703-008-0008-1.
Brümmer, B., D. Schröder, G. Müller, G. Spreen, A. Jahnke-Bornemann and J.Launiainen	2008	Impact of a Fram Strait cyclone on ice edge, drift, divergence and concentration: Possibilities and limits of an observational analysis.	J. Geophys. Res., 113, C12003, doi:10.1029/2007JC004149.
Tisler, P., T. Vihma, G. Müller and B. Brümmer	2008	Modelling of warm-air advection over Arctic sea ice.	Tellus A, 60(4), 775-788.
Gascard, J.-C., J. Festy, H. Le Goff, M. Weber, B. Brümmer, M. Offermann, M. Doble, P. Wadhams, R. Forsberg, S. Hanson, H. Skourup, S. Gerland, M. Nicolaus, J.-P. Metaxian, J. Grangeon, J. Haapala, E. Rinne, C. Haas, G. Heygster, E. Jacobson, T. Palo, J. Wilkinson, L. Kaleschke, K. Claffey, B. Elder, and J. Bottenheim	2008	Exploring Arctic transpolar drift during dramatic sea ice retreat.	EOS, Transactions, Vol. 89, No.3, pages 21-28.
Gryning, S.E., E. Batchvarowa, B. Brümmer, H. Joergensen, S. Larsen	2007	On the extension of the wind profile over homogeneous terrain beyond the surface boundary layer.	Bound. Layer Meteorol., doi: 10.1007/s10546-007-9166-9.
Olafsson, H., M. Furger and B. Brümmer	2007	The weather and climate of Iceland.	Met. Zeitschr., Vol. 16, No. 1, 5-8.
<b>Claussen, Martin</b>			
Pongratz, J., Reick, C.H., Raddatz, T., Claussen, M.	2010	Biogeophysical versus biogeochemical climate response to historical anthropogenic land cover change.	Geophys. Res. Lett., 37, L-087702, doi:10.1029/2010GL043010
Reick, C.H., Raddatz, T., Pongratz, J., Claussen, M.	2010	Contribution of anthropogenic land cover change emissions to preindustrial atmospheric CO2	Tellus, in press
Berger, A., Claussen, M., Yin, Q.	2010	Facot separation method and paleoclimates	in: Alpert, P., and Sholokhman, T.: Factor Separation in the Atmosphere. Cambridge University Press, in press.
Jungclaus, J., et al.	2010	Climate and carbon-cycle variability over the Last Millennium	Clim. Past Discuss.
Dallmeyer, A., Claussen, M., Otto, J.	2010	Contribution of oceanic and vegetation feedbacks to Holocene climate change in monsoonal Asia	Cli, Past, 6, 195-218
Bathiany, S., Claussen, M., Brovkin, V., Raddatz, T., Gayler, V.	2010	Combined biogeophysical and biogeochemical effects of large-scale land-cover change in the MPI Earth system model	Biogeosciences, 7, 1383-1399
Pongratz, J., Caldeira, K., Reick, C., Claussen, M.	2010	Coupled climate-carbon simulations indicate minor effects of wars and epidemics of atmospheric CO2 between AD 800 and 1850	The Holocene, accepted
Brovkin, V., Raddatz, T., Reick, C., Claussen, M., Gayler, V.	2009	Global biogeophysical interaction between forest and climate. Geophys	Rev. Lett., 36, L07405, doi:10.1029/2009GL037543
Calov, R., Ganopolski, A., Kubatzki, C., Claussen, M.	2009	Mechanisms and time scales of glacial inception simulated with an Earth system model of intermediate complexity	Clim. Past, 5, 245-258.

Claussen, M.	2009	Late Quaternary vegetation – climate feedbacks	Clim. Past, 5, 203-216
Claussen, M.	2009	Dynamik der Sahara im Klimawandel des mittleren und späten Holozäns	Nova Acta Leopoldina, NF, 373, 151-164
Claussen, M.	2009	Von der Arrheniusschen Energiebilanz zum Erdsystemmodell - Gedankenmodelle und quasi-realistische numerische Klimamodelle	Nova Acta Leopoldina, im Druck
Ries, H., Schlünzen, K.H., Bungert, U., Brümmer, B., Claussen, M., Müller, G.	2009	Impact of surface parameter uncertainties on the development of a trough in Arctic regions	Tellus (Submitted)
Otto, J., Raddatz, T., Claussen, M., Brovkin, V., and Gayler, V.	2009	Separation of atmosphere-ocean-vegetation feedbacks and synergies for mid-Holocene climate	Geophys. Rev. Lett., 36, L09701, doi:10.1029/2009GL037482
Ganopolski, A., Calov, R., Claussen, M.	2009	Simulation of the last glacial cycle with a coupled climate ice-sheet model of intermediate complexity	Clim. Past, 6, 229-244
Pitman, A.J., deNoblet-Ducoudre, N., Cruz, F.T., Davin, E.L., Bonan, G.B., Brovkin, V., Claussen, M., Delire, C., Ganzeveld, L., Gayler, V., van den Hurk, B.J.J.M., Lawrence, P.J., van der Molen, M.K., Müller, C., Reick, C.H., Seneviratne, S.I., Strengers, B.J., Voldoire, A.	2009	Uncertainties in climate responses to past land cover change: first results from the LUCID intercomparison study	Geophys. Res. Lett., 36, L14814, doi:10.1029/2009GL039076
Pongratz, J., Raddatz, T., Reick, C.H., Esch, M., Claussen, M.	2009	Radiative forcing from anthropogenic land cover change since AD 800	Geophys. Rev. Lett., 36, L02709, doi:10.1029/2009GL036394
Pongratz, J., Reick, C., Raddatz, T., Claussen, M.	2009	Effects of anthropogenic land cover change on the carbon cycle of the last millennium	Global Biogeochemical Cycles, 23, GB4001, doi:10.1029/2009GB003488
Brovkin, V., and Claussen, M.	2008	Comment on "Climate-Driven Ecosystem Succession in the Sahara: The Past 6000 Years"	Science, 322, 1326b
Claussen, M.	2008	Holocene rapid land cover change - evidence and theory	In: Battarbee, R.W., Binney, H. (eds): Natural Climate Variability and Global Warming. Blackwell Publishing, 232-253
Claussen, M.	2008	Holocene rapid land cover change – evidence and theory.	In: Battarbee, R.W., Binney, H. (eds.) 2008: Natural Climate Variability and Global Warming. Blackwell Publishing, 232-253.
Pongratz, J., Reick, C., Raddatz, T., Claussen, M.	2008	A reconstruction of global land use and land cover for the last millennium	Global Biogeochemical Cycles, 22, GB3018
Tjallingii, R., Claussen, M., Stuut, J.-B. W., Fohmeister, J., Jahn, A., Bickert, T., Lamy, F., Röhl, U.	2008	Coherent high- and low latitude control of the Northwest African hydrological balance and continental vegetation cover	Nature Geoscience, 1, 670-675.
Claussen, M.	2007	Introduction to climate forcing and climate feedbacks	In: Sirocko, F., Claussen, M., Sanchez-Goni, M., Litt, T. (eds): The climate of past interglacials.. Developments in Quaternary Sciences, 7, Elsevier Publisher, 3-11
Claussen, M., Berger, A., Held, H.	2007	The climate of past interglacials	In: Sirocko, F., Claussen, M., Sanchez-Goni, M., Litt, T. (eds): The climate of past interglacials.. Developments in Quaternary Sciences, 7, Elsevier Publisher, 29-35
Claussen, M.	2007	Climate System Models - a brief introduction	In: Sirocko, F., Claussen, M., Sanchez-Goni, M., Litt, T. (eds): The climate of past interglacials. Developments in Quaternary Sciences, 7, Elsevier Publisher, 495-497
Kubatzki, C., Claussen, M., Calov, R., Ganopolski, A.	2007	Modelling the end of an interglacial (MIS 1, 5, 7, 9, 11)	In: Sirocko, F., Claussen, M., Sanchez-Goni, M., Litt, T. (eds): The climate of past interglacials. Developments in Quaternary Sciences, 7, Elsevier Publisher, 583-593
Sirocko, F., Claussen, M., Sanchez-Goni, M., Litt, T. (eds.)	2007	The climate of past interglacials.	Developments in Quaternary Sciences, 7, Elsevier Publisher, 622 p
<b>Eden, Carsten (seit 03/2010 am KC)</b>			
Eden, C.	2010	Anisotropic rotational and isotropic residual isopycnal meso-scale eddy fluxes.	- J. Phys. Oceanogr. (in press).
Liu, N., C. Eden, H. Dietze, D. Wu, and X. Lin	2010	Model based estimate of the heat budget in the East China Sea.	J. Geophys. Res. , doi:10.1029/2009JC005869 (in press)
Viebahn, J. and C. Eden	2010	Towards the impact of eddies on the response of the Southern Ocean to climate change.	Ocean Modelling 34 (3-4) 150-165 doi:10.1016/j.ocemod.2010.05.005
Läptien, U. and C. Eden	2010	Multidecadal CO2 uptake variability of the North Atlantic.	J. Geophys. Res. , 115, D12113, doi:10.1029/2009JD012431
Eden, C.	2009	Parameterising meso-scale eddy momentum fluxes based on potential vorticity mixing and a gauge term.	Ocean Modeling doi:10.1016/j.ocemod.2009.10.008
Glessmer, S. M., Eden, C. and Oschlies, A.	2009	Contribution of oxygen minimum zone waters to the coastal upwelling off Mauritania.	Prog. Oceanogr. 83 143 - 150
Eden, C. and D. Olbers	2009	Why western boundary currents are diffusive: A link between bottom pressure torque and bolus velocity.	Ocean Modeling doi:10.1016/j.ocemod.2009.07.003 (pdf)
Zhai, X. R.J.Greatbatch, C. Eden and T. Hibiya	2009	On the loss of wind-induced near-inertial energy to turbulent mixing in the upper ocean.	J. Phys. Oceanogr. 39 (11) 3040 - 3045
Läptien, U., Eden, C. Timmermann and H. Dietze	2009	Effects of biologically induced differential heating in an eddy-permitting coupled ocean-ecosystem model.	J. Geophys. Res. 114, C06011, doi:10.1029/2008JC004936.

Eden, C. and H. Dietze	2009	Effects of meso-scale eddy/wind interaction on biological new production and eddy kinetic energy.	J. Geophys. Res. 114, C05023, doi:10.1029/2008JC005129 (pdf)
Eden, C., D. Olbers and R.J. Greatbatch	2009	A generalised Osborn-Cox relation.	J. Fluid Mech. 632, 457-474. (pdf)
Eden, C. and R.J. Greatbatch	2009	A diagnosis of isopycnal mixing by mesoscale eddies.	Ocean Modeling 27 (1-2) 98-106 (pdf)
Eden, C., M. Jochum and G. Danabasoglu	2009	Effects of different closures for thickness diffusivity.	Ocean Modeling 26 (1-2) 47-59 (pdf)
Eden, C. and R. J. Greatbatch	2008	Diapycnal mixing by mesoscale eddies.	Ocean Modeling 23 (3-4) 113-120 (pdf)
von Schuckmann, K., P. Brandt, and C. Eden	2008	Generation of Tropical Instability Waves in the Atlantic Ocean	J. Geophys. Res. 113, C08034, doi:10.1029/2007JC004712
Eden, C., and M. Dengler	2008	Stacked jets in the deep equatorial Atlantic	Ocean. J. Geophys. Res. 113, C04003, doi:10.1029/2007JC004298.
Eden, C. and R. J. Greatbatch	2008	Towards a mesoscale eddy closure.	Ocean Modelling 20 (3) 223-239
Zhai, X., R.J. Greatbatch and C. Eden	2007	Spreading of Near-Inertial Energy in a 1/12deg Model of the North Atlantic Ocean.	Geophys. Res. Lett., 34, L10609, doi:10.1029/2007GL029895.
Greatbatch, R. J., X. Zhai, C. Eden, and D. Olbers	2007	The possible role in the ocean heat budget of eddy-induced mixing due to air-sea interaction.	Geophys. Res. Lett., 34, L07604, doi:10.1029/2007GL029533.
Eden, C.	2007	Eddy length scales in the North Atlantic Ocean.	J. Geophys. Res., 112, C06004, doi:10.1029/2006JC003901.(pdf)
Eden, C.; Greatbatch, R.J. and Willebrand, J.	2007	A diagnosis of thickness fluxes in an eddy-resolving model.	J. Phys.Ocean. 37, 727 - 742. (pdf)
Eden, C.; Greatbatch, R. J. and Olbers, D.	2007	Interpreting eddy fluxes.	J. Phys.Ocean. 37, 1282 - 1296. (pdf)
Brandt, P.; Funk, A.; Czeschel, L.; Eden, C. and Bäning, C. W.	2007	Export of convectively formed water in the boundary current of the Labrador Sea.	J. Phys.Ocean. 37, 946-961. (pdf)
<b>Emeis, Kay</b>			
Emeis, K., P. Mara, T. Schlarbaum, J. Möbius, K. Dähnke, U. Struck, N. Mihalopoulos, and M. Krom	2010	Isotope ratios of nitrate, dissolved reduced and particulate nitrogen in the Eastern Mediterranean Sea trace external N-inputs and internal N-cycling.	JGR-Biogeosciences (submitted).
Johannsen, A., K.-C. Emeis, and U. Struck	2010	Seasonal variations in nitrate isotope composition of three rivers draining into the North Sea.	Biogeosciences (submitted).
Möbius, J., N. Lahajnar, and K.-C. Emeis	2010	Diagenetic control of nitrogen isotope ratios in Holocene sapropels and recent sediments from the Eastern Mediterranean Sea.	Biogeosciences (submitted).
Möbius, J., B. Gaye, N. Lahajnar, E. Bahlmann, and K.-C. Emeis	2010	Influence of diagenesis on sedimentary $\delta^{15}\text{N}$ in the Arabian Sea over the last 130 kyr.	Marine Geology (submitted).
Schmiedl, G., T. Kuhnt, W. Ehrmann, K.-C. Emeis, Y. Hamann, U. Kotthoff, P. Dulski, and J. Pross	2010	Climatic forcing of eastern Mediterranean deep-water formation and benthic ecosystems during the past 22 000 years.	Quaternary Science Review (in press).
Serna, A., J. Pätsch, K. Dähnke, M. G. Wiesner, H. C. Z. Hass, M., D. Hebbeln, and K.-C. Emeis	2010	Riverine nitrogen input to the German Bight/SE North Sea as reflected by nitrogen isotope composition of surface sediments and sediment cores.	Cont. Shelf Res (in press).
Krom, M., K. Emeis, and P. Van Cappellen	2010	Why is the Eastern Mediterranean phosphorus limited?	Progress in Oceanography (in press).
Bahlmann, E., S.M. Bernsacconi, S. Bouillon, M. Houtekamer, M. Korntheuer, F. Langenberg, C. Mayr, M. Metzke, J.J. Middelburg, B. Nagel, U. Struck, M. Voß, and K.-C. Emeis	2010	Performance evaluation of nitrogen isotope ratio determination in marine sediments: An inter-laboratory comparison.	Organic Geochemistry, 41(1), 3-12.
Dähnke, K., K.-C. Emeis, A. Johannsen, and B. Nagel	2010	Stable isotope composition and turnover of nitrate in the German Bight	Mar. Ecol.-Prog. Ser., 408, 7-U26.
Finney, B. P., J. Alheit, K.-C. Emeis, U. Struck, D. Guitierrez, and D. Field	2010	Paleoecological studies on variability in marine fish populations: A long-term perspective on the impacts of climatic change on marine ecosystems.	Journ. Mar. Sys., 79, 316-326.
Pätsch, J., A. Serna, K. Dähnke, T. Schlarbaum, A. Johannsen, and K.-C. Emeis	2010	Nitrogen cycling in the German Bight (SE North Sea) - Clues from modelling stable nitrogen isotopes.	Continental Shelf Research, 30(2), 203-213.
Schlarbaum, T., K. Dähnke, and K.-C. Emeis	2010	Turnover of combined dissolved organic nitrogen and ammonium in the Elbe estuary/NW Europe: Results of nitrogen isotope investigations.	Marine Chemistry, 119(1-4), 91-107.
Zonneveld, K. A. F., G. J. M. Versteegh, S. Kasten, T. I. Eglington, K.-C. Emeis, C. Huguet, B. P. Koch, G. J. de Lange, J. W. de Leeuw, J. J. Middelburg, G. Mollenhauer, F. G. Prahl, J. Rethemeyer, and S. G. Wakeham	2010	Selective preservation of organic matter in marine environments; processes and impact on the sedimentary record.	Biogeosciences, 7(2), 483-511.
Mara, P., N. Mihalopoulos, A. Gogou, K. Daehnke, T. Schlarbaum, K.-C. Emeis, and M. Krom	2009	Isotopic composition of nitrate in wet and dry atmospheric deposition on Crete in the eastern Mediterranean Sea.	Global Biogeochem. Cycles, 23(GB4002), 1-11.
Triantaphyllou, M. V., P. Ziveri, A. Gogou, G. Marino, V. Lykousis, I. Bouloubassi, K. C. Emeis, K. Kouli, M. Dimiza, A. Roselli-Mele, M. Papanikolaou, G. Katsouras, and N. Nunez	2009	Late Glacial-Holocene climate variability at the south-eastern margin of the Aegean Sea.	Marine Geology, 266(1-4), 182-197.
Diester-Haass, L., K. Billups, D.R. Gröcke, L. François, V. Lefebvre, and K.-C. Emeis	2009	Mid-Miocene paleoproductivity in the Atlantic Ocean and implications for the global carbon cycle.	Paleoceanography, 24 (PA1209).2009
Emeis, K.-C., U. Struck, T. Leipe, and T. Ferdelman	2009	Variability in the coastal upwelling system offshore Namibia.	Intern. Journ. of Earth Science, 98 (2), 309-326.
Emeis, K.-C., and H. Weissert	2009	Tethyan-Mediterranean organic carbon-rich sediments from Mesozoic black shales to sapropels.	Sedimentology, 56, 247-266.
Dähnke, K., Bahlmann, E. and Emeis, K.-C.	2008	A nitrate sink in estuaries? An assessment by means of stable nitrate isotopes in the in the Elbe estuary.	Limnol. Ocean., 53(4): 1504-1511.

Dähnke, K., Serna, A., Blanz, T. and Emeis, K.-C.	2008	Sub-recent nitrogen-isotope trends in sediments from Skagerrak (North Sea) and Kattegat: changes in N-budgets and N-sources?.	Marine Geology, 253: 92-98.
Johannsen, A., Dähnke, K. and Emeis, K.-C.	2008	N-isotope composition of riverine nitrogen loads of five German rivers discharging into the North Sea.	Org. Geochemistry, 39: 1678-1689.
Emeis, K.-C. Sapropels <b>Engels, Anita</b>	2008	Sapropels.	In: Gornitz, V. (Ed.): Encyclopedia of Paleoclimatology and Ancient Environments. Springer (Dordrecht): 875-877.
Knoll, Lisa & Engels, Anita	2010	Exploring the linkages between carbon markets and sustainable innovations in the energy sector - Lessons from the EU Emissions Trading Scheme	Jansen, Dorothea (ed.), Sustainable Innovations in the Electricity Sector, Springer (in press)
<b>Engels, Anita</b>	2010	<b>Ökologische Resonanzen in der Wirtschaft. Moralisierung der Märkte?</b>	<b>Büscher, Christian / Japp, Klaus Peter (Hg.), Ökologische Aufklärung. 25 Jahre "Ökologische Kommunikation", Wiesbaden: VS Verlag, 99-130</b>
Engels, Anita	2009	Die soziale Konstitution von Märkten	Sonderheft Wirtschaftssoziologie der Kölner Zeitschrift für Soziologie und Sozialpsychologie, Hg.: Jens Beckert/Christoph Deutschmann, 67-86
Engels, Anita	2009	The European Union Emissions Trading Scheme: An exploratory study of how companies learn to account for carbon	Accounting, Organizations and Society 34, 488-498
Matthijs Hisschemöller, Jan Eberg, Anita Engels, Konrad von Moltke	2009	Environmental institutions and learning: perspectives from the policy sciences	Jan Boersema/ M. Reijnders (eds.), Principles of environmental sciences, New York et al.: Springer, 281-303
<b>Engels, Anita</b>	2009	<b>Local Environmental Crises and Global Sea-Level Rise – The Case of Coastal Zones in Senegal</b>	<b>Culture and the Changing Environment, Michael Casimir (ed.), Oxford/New York: Berghahn, 175-195</b>
<b>Engels, Anita, Lisa Knoll, Martin Huth</b>	2008	<b>Preparing for the 'real' market: National patterns of institutional learning and company behaviour in the European Emissions Trading Scheme (EU ETS)</b>	<b>European Environment 18, 5, 276-297</b>
Engels, Anita & Ruschenburg, Tina	2008	The uneven spread of global science: Patterns of international collaboration in global environmental change research	Science and Public Policy 35, 5, 347-360
Peter Weingart, Anita Engels, Petra Pansegrau	2007	Von der Hypothese zur Katastrophe. Der anthropogene Klimawandel im Diskurs zwischen Wissenschaft, Politik und Massenmedien, 2nd edition	
Engels, Anita <b>Fraedrich, Klaus</b>	2007	Hegemoniale Klimawissenschaft? Selektive Inklusion und Marginalisierung in der Erzeugung globalen Umweltwissens zum Klimawandel	Wissen in Bewegung. Vielfalt und Hegemonie in der Wissensgesellschaft, Sabine Ammon et al. (Hrsg.), Weilerswist, Velbrück Wissenschaft, 103-120
Bordi, I., K. Fraedrich, and A. Sutera	2010	Northern Hemisphere climate trends in reanalysis and forecast model predictions: The 500 hPa annual means.	Geophysical Research Letters, 37, L11809, doi:10.1029/2010GL043217.PDF
Blender, R., X. Zhu, D. Zhang, and K. Fraedrich	2010	Yangtze runoff, precipitation, and the east asian monsoon in a 2800 years climate control simulation.	Quaternary International, in press.
Zhu, X., O. Bothe, and K. Fraedrich,	2010	Atmospheric bridging between Europe and Central Asia: Influence on Tibetan Plateau summer drought and wetness.	Quaternary International, doi:10.1016/j.quaint.2010.06.015.
Zhu, X. K. Fraedrich, Z. Liu, and R. Blender	2010	A demonstration of long term memory and climate predictability.	J. Climate, in press.
Zhang, D., R. Blender, X. Zhu, and K. Fraedrich	2010	Temperature variability in China in an ensemble simulator for the last 1200 years.	heoretical and Applied Climatology, DOI 10.1007/s00704-010-0305-8.
Wang, G., A. J. Dolman, R. Blender, and K. Fraedrich	2010	Fluctuation regimes of soil moisture in ERA-40 re-reanalysis data.	Theor. and Appl. Climatology, 99, 1-8.
Schneidereit, A., R. Blender, and K. Fraedrich	2010	Radius-depth model for midlatitude cyclones in reanalysis data and simulations.	Q. J. R. Meterol. Soc., 136, 50-60.
Riemann-Campe, K., R. Blender, and K. Fraedrich	2010	Global memory analysis in observed and simulated CAPE and CIN.	International Journal of Climatology, 10.1002/joc.2148.
Orlowsky, B., O. Bothe, K. Fraedrich, F.-W. Gerstengarbe, and X. Zhu	2010	Future climates from bias-bootstrapped weather analogues: an application to the Yangtze river basin.	J. Climate, 23, 3509-3524.
<b>Lucarini, V., K. Fraedrich, and F. Lunkeit</b>	2010	<b>Thermodynamic analysis of snowball earth hysteresis experiment: efficiency, entropy production, and irreversibility.</b>	<b>Q. J. R. Meterol. Soc., 136, 2-11</b>
<b>Fraedrich, K.</b>	2010	<b>Solution of a parsimonious stochastic soil water reservoir: Schreiber's (1904) formula.</b>	<b>Journal of Hydrometeorology, 11, 575-578.</b>
Bye, J., K. Fraedrich, E. Kirk, and S. Schubert	2010	Mixed layer induced climate: global fields of annual temperature lags and extrema.	Q. J. R. Meterol. Soc., submitted.
Bothe, O., K. Fraedrich, and X. Zhu	2010	Large-scale circulations and Tibetan plateau summer drought and wetness in a high-resolution climate model.	Intern. J. of Climatol., in press
Bothe, O., K. Fraedrich, and X. Zhu	2010	The large-scale circulations and summer drought and wetness on the Tibetan plateau.	Intern. J. of Climatol., 30, 844-855.
Sienz, F., A. Schneidereit, R. Blender, K. Fraedrich, and F. Lunkeit	2010	Extremes of North Atlantic cyclones.	Tellus A.
Bordi, I., K. Fraedrich, A. Sutera	2009	Observed drought and wetness trends in Europe: an update.	In: Hydology and Earth System Sciences, 13, 1519-1530.

Bordi, I., K. Fraedrich, M. Ghil, A. Sutera	2009	Zonal-flow regime changes in a GCM and in a simple quasi-geostrophic model: The role of stratospheric dynamics.	In: J. Atmos. Sci., 66, 1366-1383.
Chattopadhyay, R., B. N. Goswami, A. K. Sahai, and K. Fraedrich	2009	The role of stratiform rainfall in modifying the northward propagation of Monsoon Intraseasonal Oscillation.	Journal of Geophysical Research, 114, D19114-(1-19).
Dekker, S. C., de Boer, H. J., Brovkin, V., Fraedrich, K., Wassen, M. J., and Rietkerk, M. Fraedrich, K., and X. Zhu	2009	Biogeophysical feedbacks trigger shifts in the modelled climate system at multiple scales. Yangtze discharge memory.	Biogeosciences Discuss., 6, 10983-11004. In: Quaternary Sciences, 29, 696-700.
Fraedrich, K., R. Blender, X. Zhu	2009	Continuum climate variability: long-term memory, extremes, and predictability.	International Journal of Modern Physics B, 23, (28-29), 5403-5416.
Frisius, T., K. Fraedrich, W. Wang, and X. Zhu	2009	A spectral barotropic model of the wind-driven world ocean.	Ocean Modelling, 30, 310-322.
Kirk, E. K. Fraedrich, F. Lunkeit and C. Ulmen	2009	The Planet Simulator: A coupled system of climate modules with real time visualization	CSPR report, Linköping universitet, 45, Art. 7.
Kunz, T., K. Fraedrich, and F. Lunkeit	2009	Response of idealized baroclinic wave life cycles to stratospheric flow conditions.	In: J. Atmos. Sci. 66, 2288-2302.
Kunz, T., K. Fraedrich, and F. Lunkeit	2009	Synoptic scale wave breaking and its potential to drive NAO-like circulation dipoles: A simplified GCM approach.	In: Q. J. R. Meteorol. Soc., 135, 1-19.
Kunz, T., K. Fraedrich, and F. Lunkeit	2009	Impact of synoptic scale wave breaking on the NAO and its connection with the stratosphere in the ERA-40 reanalysis.	J. Climate, 22, 5464-5480.
Lucarini, V., K. Fraedrich	2009	Symmetry breaking, mixing, instability, and low frequency variability in a minimal Lorenz-like system.	In: Phys. Rev. E, 026313-1-8.
Orlowsky, B., K. Fraedrich	2009	Upscaling European surface temperatures to North Atlantic circulation-pattern statistics.	In: International Journal of Climatology, 29, 839-849.
Riemann-Campe, K., K. Fraedrich, and F. Lunkeit	2009	Global climatology of convective available potential energy (CAPE) and convective inhibition (CIN) in ERA-40 reanalysis data.	In: Atmospheric Research, 93, 534-545.
Zhai, J. Q., B. Liu, H. Hartmann, B. D. Su, T. Jiang, and K. Fraedrich	2009	Dryness/wetness variations in China during the first 50 years of the 21st century.	In: Hydrology and Earth System Sciences, 6, 1385-1409.
Blender, R., K. Fraedrich, and F. Sienz	2008	Extreme event return times in long-term memory processes near 1/f. Nonlin.	In: Processes Geophys., 15, 557-565.
Blessing, S., R. J. Greatbatch, K. Fraedrich, F. Lunkeit	2008	Interpreting the atmospheric circulation trend during the last half of the 20th century: Application of an adjoint model.	In: J. Climate, 21, 4629-4646.
Bordi, I., K. Fraedrich, and A. Sutera	2008	Multiple jets observed in the summer Northern Hemisphere troposphere. II	In: Nuovo Cimento, DOI 10.1393/ncc/i2007-10271-5.
Fraedrich, K., F. Lunkeit	2008	Diagnosing the entropy budget of a climate model.	In: Tellus A, 60, 921-931.
Franzke, C., R. Blender, K. Fraedrich, F. Lunkeit	2008	Dynamische Antriebsmechanismen der NAO.	In: Promet, 34, 108-112.
Kunz, T., K. Fraedrich, and E. Kirk	2008	Optimisation of simplified GCMs using circulation indices and maximum entropy production.	In: Climate Dynamics, 30, 803-813.
Wang, G., T. Jiang, R. Blender, and K. Fraedrich	2008	Yangtze 1/f discharge variability and the interacting river-lake system.	In: Journal of Hydrology, 351, 230-237.
Bordi, I., K. Fraedrich, F. Lunkeit and A. Sutera	2007	Tropospheric double-jets, meridional cells and eddies: a case study and idealized simulations.	In: Mon. Wea. Rev., 135, 3118-3133.
Fraedrich, K.	2007	Forecasting: Predictability, Probability, and Persistence.	In: Mitt. Math. Ges. Hamburg, 26, 5-28.
Grosfeld, K., G. Lohmann, N. Rimbu, K. Fraedrich, and F. Lunkeit	2007	Atmospheric multidecadal variations in the North Atlantic realm: proxy data, observations, and atmospheric circulation model studies.	In: Climate of the Past, 3, 39-50.
Junge, M., and K. Fraedrich	2007	Temperature anomalies in the northeastern North Atlantic: Subpolar and subtropical precursors on multiannual time scales	In: Journal of Climate, 20, 1976-1990.
Kleidon, A., K. Fraedrich, and C. Low	2007	Multiple steady-states in the terrestrial atmosphere-biosphere system: a result of a discrete vegetation classification?	In: Biogeosciences, 4, 707-714.
Langmack, H., F. Sielmann und K. Fraedrich	2007	Analog-Vorhersagen von Hurrikan-Zugbahnen.	In: Promet, 33, 65-70.
Schneidererit, A., R. Blender, K. Fraedrich, and F. Lunkeit	2007	Iceland climate and North Atlantic cyclones in ERA40 reanalyses.	In: Meteorologische Zeitschrift, 16, 17-23.
Siens, F., I. Bordi, K. Fraedrich, and A. Schneidererit	2007	Extreme dry and wet events in Iceland: observations, simulations and scenarios.	In: Meteorologische Zeitschrift, 16, 9-16.
Stenzel, O., B. Grieger, H. U. Keller, R. Greve, K. Fraedrich, F. Lunkeit	2007	Coupling Planet Simulator Mars, a general circulation model of the Martian atmosphere, to the ice sheet model SICOPOLIS.	In: Planetary and Space Science, 55, 2087-2096.
Wang, Y., T. Jiang, O. Bothe, and K. Fraedrich	2007	Changes of pan evaporation and reference evapotranspiration in the Yangtze River basin.	In: Theor. Appl. Climatol., 90, 13-23.
Zengxin, Zhang, K. Fraedrich, J. Tong, Z. Jinchi	2007	Projection of Future Precipitation Extremes in the Yangtze River Basin 2001-2050.	In: Advances in Climate Change Research, 3, 340-344.
<b>Funke, Michael</b>			
Funke, M. & M. Paetz	2009	Environmental Policy Under Model Uncertainty: A Robust Optimal Control Approach	Climatic Change
Chen, Y.-F. & M. Funke	2009	Optimal Environmental Policies with Low-Probability Extreme Events	mimeo
Chen, Y.-F. and M. Funke	2009	Threshold Effects of Dismissal Protection Regulation and the Emergence of Temporary Work Agencies	Studies in Nonlinear Dynamics and Econometrics 13, Issue 4, Article 3 ( <a href="http://www.bepress.com/snede/vol13/iss4/art3">http://www.bepress.com/snede/vol13/iss4/art3</a> ).
Chen, Y.-F. and M. Funke	2009	China's New Labour Contract Law: No Harm to Employment?	China Economic Review 20, 558-572.

Colavecchio, R. and M. Funke	2009	Volatility Dependence Across Asia-Pacific Onshore and Offshore Currency Forwards Markets	Journal of Asian Economics 20, 174-196.
Funke, M. and M. Gronwald	2008	The Undisclosed Renminbi Basket: Are the Markets Telling Us Something about Where the Renminbi - US Dollar Exchange Rate is Going?	The World Economy 31, 1581-1598.
Colavecchio, R., Funke, M.	2008	Volatility Transmissions Between Renminbi and Asia-Pacific On-Shore and Off-Shore U.S. Dollar Futures	China Economic Review 19, 635-648.
Funke, M., Ruhwedel, R.	2008	Trade, Product Variety, and Welfare: A Quantitative Assessment For Mainland China	China Economic Journal 1, 203-212.
Chen, Y.-F. and M. Funke	2008	Product Market Competition, Investment and Employment-Abundant versus Job-Poor Growth: A Real Options Perspective	European Journal of Political Economy, Vol. 24, pp. 218-238
<b>Hort, Matthias</b>			
Szramek, L., Gardner, J., Hort, M	2010	Cooling induced crystallization of microlite crystals.	Am. Mineral. 95. 503-509.
Langmann, B., Zaksek, K., Hort, M., Duggen, S.	2010	Natural large-scale surface ocean iron-fertilisation by volcanic ash	In: Geophys. Res. Accepted
Bernsdorf, S., Barsch, R., Beyreuther, M., Zaksek, K., {Hort, M.,} Wassermann, J.	2010	Decision support system for the mobile volcano fast response system	International Journal of Digital Earth.available online.DOI: 10.1080/17538940903548420
Langmann, B., K. Zaksek, M. Hort, S. Duggen	2009	Volcanic ash as fertilizer for the surface ocean.	Atmos. Chem. Phys. Discuss. 10 711-734.
Lohmann, F., M. Hort, J. Phipps-Morgan	2009	Evidence for little shallow entrainment in mantle starting plumes	In: Earth Planet. Sci. Letters, 284. 553-563.
Szramek, L., Gardner, J., Hort, M.	2009	Cooling induced crystallization of micro crystals	In: Am. Mineral. 95, 503-509.
Langmann, B., M. Hort and T. Hansteen	2009	Meteorological influence on seasonal and diurnal variability of Nicaraguan volcanic emission dispersion: A numerical model study	In: J. Volc. Geotherm. Res. 182, 34-44
Gerst, A., M. Hort, P.R. Kyle	2008	A 4D view of Strombolian eruptions and man-made explosions using multiple Doppler radar instruments.	J. Volcanol. Geotherm. Res. 177. 648-660
Scharff, L., M. Hort, A.H.J. Harris, M. Ripepe, J. Lees, R. Seyfried	2008	Eruption Dynamics of the SW crater of Stromboli volcano, Italy.	J. Volcanol. Geotherm. Res. 176. 565-570.
Vöge, M., M. Hort	2008	Installation of a Doppler Radar Monitoring System at Merapi Volcano , Indonesia ,	IEEE 47. 251-271
Vöge, M., M. Hort, R. Seyfried, A. Ratdomopurbo	2008	Automatic Classification of Dome Instabilities based on Doppler Radar Measurements at Merapi Volcano , Indonesia : Part II.	Geophys. J. Int., 172, 1207-1218.
Vöge, M., M. Hort	2008	Automatic Classification of Dome Instabilities based on Doppler Radar Measurements at Merapi Volcano , Indonesia : Part I.	Geophys. J. Int., 172, 1188-1206.
Phipps-Morgan, J., J. Hasenclever, M. Hort, L. Ruepke, M. Parmentier	2007	On Subducting Slab Entrainment of Buoyant Asthenosphere.	Terra Nova, 19, 167-173.
<b>Jacob, Daniela</b>			
Frueh, B., H. Feldmann, H.-J. Panitz, G. Schädler, Jacob, D., Ph. Lorenz, K. Keuler	2010	Determination of Precipitation Return Values in Complex Terrain and their Evaluation.	Journal of Climate. DOI:10.1175/2009JCL2685.1
Tomassini, L., Ch. Moseley, S. Hagemann, R. Podzun, D. Jacob	2010	Extremes in the pre-industrial European climate: summer 2003 and autumn 2006 set into perspective.	Accepted for publication in Climate Dynamics
Suklich, M., A. Gobiet, H. Truhetz, N. Khurshid Awan, H. Göttel, D. Jacob	2010	Error Characteristics of High Resolution Regional Climate Models over the Alpine Area.	Accepted for publication in Climate Dynamics
Kotlarski S., D. Jacob, R. Podzun, F. Paul	2010	Representing Glaciers in a Regional Climate Model.	Climate Dynamics, 34, 27-46.
Hurkmans R, W. Terink, R. Uijlenhoet, P. Torfs, D. Jacob, P. A. Troch	2010	Changes in streamflow dynamics in the Rhine basin during the 21st century under different climate scenarios.	Journal of Climate, 23, 679- 699.
Menéndez C. G., M. de Castro, J.-P. Boulanger, A. D'Onofrio, E. Sanchez, A. A. Sörensson, J. Blazquez, A. Elizalde, D. Jacob, H. Le Treut, Z. X. Li, M. N. Núñez, N. Pessacg, S. Pfeiffer, M. Rojas, A. Rolla, P. Samuelsson, S. A. Solman & C. Teichmann	2010	Downscaling extreme month-long anomalies in southern South America.	Climatic Change, Vol. 98, Issue 3 - CLARIS 1 Special Issue, DOI 10.1007/s10584-009-9739-3
Graf, H.-F., S.V. Shirsat, C. Oppenheimer, M.J. Jarvis, R. Podzun, and D. Jacob	2010	Continental Scale Antarctic deposition of sulphur and black carbon from anthropogenic and volcanic sources	Atmos. Chem. Phys. Discuss., 9, 26577-26592.
Jacob, D. & R. Podzun	2010	Global warming below 2°C relative to pre-industrial level:How might climate look like in Europe.	Nova Acta Leopoldina
Haensler, A. Hagemann, S. & Jacob, D.	2010	How the future climate of the southern African region might look like: Results of a high-resolution regional climate change projection.	Nova Acta Leopoldina, 112(384), 183-193.
Jacob, D. and P. Lorenz	2009	Future trends and variability in the hydrological cycle to different IPCC SRES emission scenarios - a case study for the Baltic Sea Region	In: Boreal Environment Research 14, 1, 100-113 (2009).
Paeth, H., K. Born, R. Girmes, R. Podzun and D. Jacob	2009	Regional climate change in Tropical and Northern Africa due to greenhouse forcing and land use changes	In: Journal of Climate 22, 114-132 (2009).
Hagemann S., Jacob D.	2009	Mögliche Auswirkungen des Klimawandels auf Deutschland in Klimawandel, Globale Herausforderung des 21. Jahrhunderts.	Landesmuseum Natur und Mensch, Oldenburg. 33-44

Van den Hurk, B., Jacob D.	2009	The Art of Predicting Climate Variability and Change	in Climate change and adaptation in the water sector, edited by F.Ludwig, P.Kabat, H. van Schaik and M. van der Valk, 9-22,Earthscan, ISBN 978-1-84407-652-9
Langlais C., Barnier; B., Molines J-M, Fraunié P., Jacob D. and Kotlarski S.	2009	Evaluation of a dynamically downscaled atmospheric reanalysis in the prospect of forcing long term simulations of the ocean circulation in the Gulf of Lions.	Ocean Modelling 30 (2009) 270–286
Menéndez C.G., de Castro, M., Boulanger, J.-P., D'Onofrio, A., Sanchez, E., Sörensson, A. A., Blazquez, J., Elizalde, A., Jacob, D., Le Treut, H., Li, Z.X., Núñez, M. N., Pessacq, N., Pfeiffer, S., Rojas, M., Rolla, A., Samuelsson, P., Solman, S.A., Teichmann, C.	2009	Downscaling extreme month-long anomalies in Southern South America	Climatic Change DOI 10.1007/s10584-009-9739-3
Larsén X. G., Mann J., Berg J., Göttel H., Jacob D.	2009	Wind Climate from the Regional Climate Model REMO.	Wind Energy, DOI10.1002/we.337
Bennartz R., Lorenz P., Jacob D.	2009	Validation of the BALTIMOS coupled climate model using the Advanced Scanning Microwave Radiometer (AMSR-E)	Theoretical and Applied Climatology, DOI10.1007/s00704-009-0178-x
Krahe P., Nilson E., Carambia M., Maurer Th., Tomassini L., Bülow K., Jacob D., Moser H.	2009	Wirkungsabschätzung von Unsicherheiten der Klimamodellierung in Abflussprojektionen- Auswertung eines Multimodell-Ensembles im Rheingebiet .	HW 53, H.5
Kotlarski S., F. Paul, D. Jacob	2009	Forcing a distributed glacier mass balance model with the regional climate model REMO. Part 1: Climate model evaluation	Journal of Climate, doi: 10.1175/2009JCLI2711.1
Radvánszky B. and D. Jacob	2009	The Changing Annual Distribution of Rainfall in the Drainage Area of the River Tisza during the Second Half of the 21st Century.	Zeitschrift für Geomorphologie, Vol 53, Nr. 2, 171-195(25)
Jacob D.	2009	Regionalisierte Szenarien des Klimawandel	RuR 2/2009, 89-96, ISSN0034-011
Tomassini, L. and D. Jacob	2009	Spatial analysis of trends in extreme precipitation events in high resolution climate model results and observations for Germany	In: Journal of Geophysical Research - Atmospheres 114, Seq. No.: D12113 (2009).
Jacob, D.	2009	Organisation in Verbundprojekten: Konzeptionelle Darstellung anhand der Projekte ENIGMA und BALTIMOS aus dem Bereich der Klimaforschung	In: Organisationen der Forschung. (Eds.) Halfmann, J. Verlag für Sozialwissenschaften, Wiesbaden (2009) 53-63
Hagemann, S., H. Goettel, D. Jacob, P. Lorenz and E. Roeckner	2009	Improved regional scale processes reflected in projected hydrological changes over large European catchments	In: Climate Dynamics 32, 767-781 (2009).
Roy, S., G. Beig and D. Jacob	2008	Seasonal distribution of ozone and its precursors over the tropical Indian region using regional chemistry-transport model	In: Journal of Geophysical Research - Atmospheres 113, Seq. No.: D21307 (2008).
Silvestri, G., C. Vera, D. Jacob, S. Pfeifer and C. Teichmann	2008	A high resolution 43-year atmospheric hindcast for South America generated with the MPI regional model	In: Climate Dynamics 32, 693-709 (2009).
Feldmann, H., B. Früh, G. Schädler, H.-J. Panitz, K. Keuler, D. Jacob and P. Lorenz	2008	Evaluation of the precipitation for South-western Germany high resolution simulations with regional climate models	In: Meteorologische Zeitschrift 17, 455-465 (2008).
Jacob, D., L. Kotova, P. Lorenz, C. Moseley and S. Pfeifer	2008	Regional climate modeling activities in relation to the CLAVIER project	In: Időjaras 112, 3-4, 141-153 (2008)
Goettel, H., J. Alexander, E. Keup-Thiel, D. Rechid, S. Hagemann, T. Blome, A. Wolf and D. Jacob	2008	Influence of changed vegetation fields on regional climate simulations in the Barents Sea region	. In: Climatic Change 87, 35-50 (2008).
Wolf, A., E. Blyth, R. Harding, D. Jacob, E. Keup-Thiel, T. Goettel and T. Callaghan	2008	Sensitivity of an ecosystem model to hydrology and temperature	In: Climatic Change 87, 75-89 (2008).
Wyser, K., C. G. Jones, P. Du, E. Girard, U. Willen, J. Cassano, J. H. Christensen, J. A. Curry, K. Dethloff, J. E. Haugen, D. Jacob, M. Koltzow, R. Laprise, A. Lynch, S. Pfeifer, A.	2008	Evaluation of Arctic cloud and radiation processes during the SHEBA year: simulation results from eight Arctic regional climate models.	In: Climate Dynamics 30, 202-223 (2008).
Rechid, D., S. Hagemann and D. Jacob	2008	Sensitivity of climate models to seasonal variability of snow free land surface albedo	In: Theoretical and Applied Climatology, 197-221 (2009).
Rechid, D., T. J. Raddatz and D. Jacob	2008	Parameterization of snow-free land surface albedo as a junction of vegetation phenology based on MODIS data and applied in climate modeling.	In: Theoretical and Applied Climatology, 245-255 (2008).
Radvánszky B., Jacob D.	2008	A Tisza vízgyűjtőterületének várható klímaváltozása és annak hatása a Tisza vízhozamára regionális klímamodell (REMO) és a lefolyási model (HD) alkalmazásával	Hidrológiai Közlöny, Journal of the Hungarian Hydrological Society, Vol. 88
Hennemuth, B., A. Weiss, J. Boesenberg, D. Jacob, H. Linné, G. Peters and S. Pfeifer	2008	Quality assessment of water cycle parameters in REMO by Radar-Lidar synergy	In: Atmospheric Chemistry and Physics 8, 287-308 (2008).
Roeckner, E. and D. Jacob	2008	Der Klimawandel ist voll im Gange: ein Überblick. In: Warnsignal Klima: Gesundheitsrisiken - Gefahren für Pflanzen, Tiere und Menschen	(Eds.) J.L. Lozan, H. Grassl. Wissenschaftliche Auswertungen, Hamburg, Seq. No.: 1.1 (2008) 19-34
Tamas, B., C. Teichmann, M. Peter and D. Jacob	2007	Regional effects and efficiency of flue gas desulphurization in the Carpathian Basin	In: Atmospheric Environment 41, 8500-8512 (2007).
Hagemann S., Jacob D.	2007	Ergebnisse des Klimamodells REMO für Deutschland und das Rheineinzugsgebiet.	Band 46 der IWW-Schriftenreihe zum 20. Mühlheimer Wassertechnischen Seminar am 22.11.2007, ISSN0941-0961
Jacob, D.	2007	Globaler Klimawandel und regionale Konsequenzen.	In: Jahrbuch Oekologie 2008. (Eds.) Günter Altner. C.H. Beck, Muenchen (2007).
Gaertner, M. A., D. Jacob, V. Gil, M. Dominguez, E. Padorno, E. Sanchez and M. Castro	2007	Tropical cyclones over the Mediterranean Sea in climate change simulations	In: Geophysical Research Letters 34, 14, Seq. No.: L14711 (2007).

G. Lenderink, B. Rockel, E. Sanchez, C. Schaer, S. I. Seneviratne, S. Somot, A. van Ulden and B. van den Hurk	2007	An inter-comparison of regional climate models for Europe: Design of the experiments and model performance.	In: Climatic Change 81, 31-52 (2007).
Deque, M., D. P. Rowell, D. Luethi, F. Giorgi, J. H. Christensen, B. Rockel, D. Jacob, E. Kjellstroem, M. de Castro and B. van den Hurk	2007	An intercomparison of regional climate models for Europe: assessing uncertainties in model projections.	In: Climatic Change 81, 53-70 (2007).
Jacob D.	2007	Regionale Wirkungen des globalen Klimawandels	in Michael Müller, Ursula Fuentes, Harald Kohl: Der Weltklimareport, Bericht über eine aufhaltsame Katastrophe, 2007, KiWi Paperback.
Kjellstroem, E., L. Barring, D. Jacob, R. Jones, G. Lenderink and C. Schar	2007	Modelling daily temperature extremes: recent climate and future changes over Europe.	In: Climatic Change 81, 249-265 (2007).
Hagemann, S. and D. Jacob	2007	Gradient in the climate change signal of European discharge predicted by a multi-model ensemble	In: Climatic Change 81, 309-327 (2007).
Gálos, B., P. Lorenz and D. Jacob	2007	Will dry events occur more often in Hungary in the future ?	In: Environmental Research Letters 2, Seq. No.: 034006 (2007).
Hagemann, S. and D. Jacob	2007	Regionale Klimamodelle : Konsequenzen für das Einzugsgebiet von Elbe und Rhein.	. In: Natura 2000 und Klimaänderungen : Tagungsband zur gleichnamiger Tagung vom 28. - 31. August 2006 auf der Insel Vilm. (Eds.) Bundesamt
<b>Kaleschke, Lars</b>			
Kaleschke, L., Maaß, N., Haas, C., Hendricks, S., Heygster, G., and Tonboe, R. T.	2010	A sea ice thickness retrieval model for 1.4 GHz radiometry and application to airborne measurements over low salinity sea ice.	The Cryosphere Discuss., 3, 995-1022, 2009.
Röhrs, J. and Kaleschke, L.	2010	An algorithm to detect sea ice leads using AMSR-E passive microwave imagery	The Cryosphere Discuss., 4, 183-206, 2010.
Rösel, A., Kaleschke L., Kaleschke, X. Tian-Kunze, J. D. Lee, S. J. Moller, P. Edwards, R., Commane, T. Ingham, D. E. Heard, and J. M. C. Plane	2010	Comparison of different retrieval techniques for melt ponds on Arctic sea ice from Landsat and MODIS satellite data.	Ann.Glac., under review.
Maaß, N., L. Kaleschke	2010	Improving passive microwave sea ice concentration algorithms for coastal areas - Applications to the Baltic Sea	Tellus SERIES A-DYNAMIC METEOROLOGY AND OCEANOGRAPHY Volume: 62, Issue: 4 Pages: 393-410.
Mahajan, A. S., M. Shaw, H. Oetjen, K. E. Hornsby, L. J. Carpenter, L., Kaleschke, X. Tian-Kunze, J. D. Lee, S. J. Moller, P. Edwards, R., Commane, T. Ingham, D. E. Heard, and J. M. C. Plane	2010	Evidence of reactive iodine chemistry in the Arctic boundary layer	J. Geophys. Res., doi:10.1029/2009JD013665, in press
M. Begoin, A. Richter, L. Kaleschke, X. Tian-Kunze, A. Stohl, J.P. Burrows	2009	Satellite observations of long range transport of a large BrO cloud in the Arctic	acp-2009-508
Kern, S., L. Kaleschke, G. Spreen	2009	Variability of the Nordic Seas ice cover derived from satellite microwave radiometry at 85 GHz: 1992-2008	Tellus A
Tiedje, B., A. Moll, L. Kaleschke	2009	Comparison of temporal and spatial structures of chlorophyll derived from MODIS satellite data and ECOHAM3 model data in the North Sea	Journal of Sea Research
Heygster, G., H. Wiebe, G. Spreen, L. Kaleschke	2009	AMSR-E Geolocation and Validation of Sea Ice Concentrations based on 89 GHz Data.	J. of the Remote Sensing Soc. of Japan 29,1, 226-235
Bauernfeind, E., E.-M. Nöthig, A. Beszczynska, K. Fahl, L. Kaleschke, K. Kreker, M. Klages, T. Soltwedel, C. Lorenzen, and J. Wegner	2009	Particle sedimentation patterns in the eastern Fram Strait during 2000-2005: Results from the arctic long-term observatory Hausgarten	Deep-Sea Res. I, accepted, DOI: 10.1016/j.dsr.2009.04.011
Dmitrenko, I.A., S.A. Kirillov, V.V. Ivanov, R.A. Woodgate, I.V. Polyakov, N. Koldunov, L. Fortier, C. Lalande, L. Kaleschke, D. Bauch, J.A. Hölemann, and L.A. Timokhov	2009	Seasonal modification of the Arctic Ocean intermediate water layer off the eastern Laptev Sea continental shelf break	J. Geophys. Res., 114, C06010, DOI: 10.1029/2008JC005229
Heygster, G., H. Wiebe, G. Spreen, L. Kaleschke	2009	AMSR-E Geolocation and Validation of Sea Ice Concentrations based on 89 GHz Data	J. of the Remote Sensing Soc. of Japan, 29,1, 226-235
Kern, S., M. Brath, R. Fontes, M. Gade, K.-W. Gurgel, L. Kaleschke, G. Spreen, S. Schulz, A. Winderlich, and D. Stammer	2009	MultiScat - A helicopter-based scatterometer for snow-cover and sea-ice investigations	Geosci. Rem. Sens. Lett., 6(4), DOI: 10.1109/LGRS.2009.2023823
Kern, S., R. Fontes, M. Gade, K.-W. Gurgel, L. Kaleschke, T. Schlick, G. Spreen, S. Schulz, A. Winderlich, and D. Stammer	2009	Multi3 Scat A helicopter-based Scatterometer for Sea Ice and Snow Cover Investigations	", Letters of Geoscience and Remote Sensing
Lammert A., B. Brümmer, and L. Kaleschke	2009	Observation of cyclone-induced inertial sea-ice oscillation in Fram Strait	Geophys. Res. Lett., 36, L10503, DOI: 10.1029/2009GL037197
Zhao, T. L., S.L. Gong, J. W. Bottenheim, J. C. McConnell, R. Sander, L. Kaleschke, A. Richter, A. Kerkweg, K. Toyota, and L. A. Barrie	2009	A three dimensional model study on the production of BrO and Arctic boundary layer ozone depletion	J. Geophys. Res., in press, DOI: 10.1029/2008JD010631
Morin, S., J. Savarino, M. Frey, F. Domine, H.-W. Jacobi, L. Kaleschke, and J. M. F. Martins,	2009	"Comprehensive isotopic composition of atmospheric nitrate in the Atlantic Ocean boundary layer from 65S to 79N	J. Geophys. Res, DOI: 10.1029/2008JD010696R
Gascard, J.-C., J. Festy, H. le Goff, M. Weber, B. Bruemmer, M., Offermann, M. Doble, P. Wadhams, R. Forsberg, S. Hanson, H. Skourup, S., Gerland, M. Nicolaus, J.-P. Metaxian, J. Grangeon, J. Haapala, E. Rinne, C. Haas, G. Heygster, E. Jakobson, T. Palo, J. Wilkinson, L. Kaleschke, K. Claffey, B. Eider, J. Bottenheim	2008	Exploring Arctic Transpolar Drift During Dramatic Sea Ice Retreat	Eos Trans. AGU, 89(3), doi:10.1029/2008EO030001, 2008.
Ferrari, C. P., C. Padova, X. Fain, P.A. Gauchard, A. Dommergue, K. Aspino, T. Berg, W. Cairns, C. Barbante, P. Cescon, L. Kaleschke, A. Richter, F. Wittrock, C. Boutron,	2008	Atmospheric mercury depletion event study in Ny-Alesund (Svalbard) in spring 2005. Deposition and transformation of Hg in surface snow during springtime	Sci. Tot. Environ., 397(1-3), 167-177
Spreen, G., L. Kaleschke, G. Heygster	2008	Sea Ice Remote Sensing Using AMSR-E 89 GHz Channels.	J. Geophys. Res., 113(C2), C02C03

Kern, S., S. Andersen, F. Girard-Ardhuin, R. Ezraty, G. Heygster, L. Kaleschke, and G. Spreen	2008	Sea Ice Parameters from Microwave Radiometry	Remote Sensing of the European Seas, V. Barale, and M. Gade (eds.), Springer Verlag, 239-250
Mathew, N., G. Heygster, C. Melsheimer, and L. Kaleschke	2008	Surface emissivity of arctic sea ice at AMSU window frequencies	Trans. Geosci. Rem. Sens., 46(8), 2298-2306
Kern, S., G. Spreen, L. Kaleschke, S. De La Rosa Höhn, and G. Heygster	2007	Polynya Signature Simulation Method polynya area in comparison to AMSR-E 89 GHz sea ice concentrations in the Ross Sea and off the Adélie Coast, Antarctica, for 2002-05: first results	Ann. Glaciol., 46, 409-418
Andersen, S., R. Tonboe, L. Kaleschke, G. Heygster, and, L.T. Pedersen	2007	"Intercomparison of passive microwave sea ice concentration retrievals over the high-concentration Arctic sea ice	J. Geophys. Res., 112, C08004
Simpson, W.R., R. von Glasow R, K. Riedel, P. Anderson, P. Ariya, J. Bottenheim, J. Burrows, L.J. Carpenter, U. Friess, M.E. Goodsite, D. Heard, M. Hutterli, H.W. Jacobi, L. Kaleschke, B. Neff, J. Plane, U. Platt, A. Richter, H. Roscoe, R. Sander, P. Shepson, J.	2007	Halogens and their role in polar boundary-layer ozone depletion	Atmos. Chem. Phys., 7(16), 4375-4418
<b>Kalinowski, Martin B.</b>			
Kalinowski, M. B.; Axelsson, A.; Bean, M.; Blanchard, X.; Bowyer, T. W.; Brachet, G.; Hebel, S.; McIntyre, J. I.; Peters, J.; Pistner, C.; Raith, M.; Ringbom, A.; Saey, P.; Schlosser, C.; Stocki, T. J.; Taffary, T.; Ungar, R. K.	2010	Discrimination of nuclear explosions against civilian sources based on atmospheric xenon isotopic activity ratios	Pure and Applied Geophysics Topical Volume „Recent Advances in Nuclear Explosion Monitoring“, 167, 4-5.
Saey, P.; Schlosser, C.; Auer, M.; Axelsson, A.; Becker, A.; Blanchard, X.; Brachet, G.; Cella, L.; De Geer, L.; Kalinowski, M. B.; Peterson, J.; Popov, J.; Popov, V.; Ringbom, A.; Sartorius, H.; Taffary, T.; Zähringer, M.	2010	Environmental radionuclide levels in Europe - A comprehensive overview	Pure and Applied Geophysics Topical Volume „Recent Advances in Nuclear Explosion Monitoring“, 167, 4-5.
Wotawa, G.; Becker, A.; Kalinowski, M. B.; Saey, P.; Tuma, M.; Zähringer, M.	2010	Computation and Analysis of the Global Distribution of the Radionuclide Isotope Xe-133 based on Emissions from Nuclear Power Plants and Isotope Production Facilities and its relevance for the Verification of the Nuclear Test Ban Treaty	Pure and Applied Geophysics Topical Volume „Recent Advances in Nuclear Explosion Monitoring“, 167, 4-5.
Kalinowski, M. B.; Neuneck, G.; Gils, H. C.	2010	Erste Ergebnisse der DPG-Atomteststoppkommission	Abstract zur DPG-Jahrestagung, 15. - 19. März 2010, Bonn.
Riechmann, B.; Kalinowski, M. B.	2010	Möglichkeiten der differentiellen SAR-Interferometrie (DInSAR) für die Verifikation des Comprehensive Nuclear-Test-Ban Treaty (CTBT)	Abstract zur DPG-Jahrestagung, 15. - 19. März 2010, Bonn.
Kalinowski, M. B.; Tuma, M. P.	2009	Global radionuclide emission inventory based on nuclear power reactor reports	Journal of Environmental Radioactivity 100, S. 58 - 70.
Kalinowski, M. B.	2009	Explosion statt Erdbeben. Fakten zum zweiten nordkoreanischen Kernwaffentest	Physik Journal 8. Heft 7 (Juli/August), S. 7-8.
Kalinowski, M. B.	2009	Verification of a ban on tritium production	Global Fissile Materials Report 2009. Fissile-materials and Nuclear Disarmament, International Panel on Fissile Materials, Princeton, Appendix 7A. S. 97-102.
Kalinowski, M. B.	2009	Workshop on Environmental Monitoring	ESARDA Bulletin No. 43, December 2009, S. 69-70.
Roß, O., Ahiswede, J.; Annewandter, R; Feichter, J; Rast, S.; Schlünzen, H.; Schoetter, R.; Stanoszek, P.; Kalinowski, M. B.	2009	Simulation of atmospheric noble gas concentrations to assess sampling procedures for the detection of clandestine reprocessing	Projektbericht im gemeinsamen Unterstützungsprogramm von IAEO und BMWi Task C.38/A1643 JOPAG Report No. 373.
Kalinowski, M. B.	2009	Nicht für die Prüfungen, für das Leben studierst Du	Erfolg bei Studienarbeiten, Referaten und Prüfungen. Alles was
Kalinowski, M. B.	2009	Kernwaffen in unsicheren Händen - die Proliferation von Kernwaffen und internationale Anstrengungen zu deren Nichtverbreitung	Forschungsstelle für Zeitgeschichte, IFSH und ZNF (Hrsg.): Kampf dem Atomtod! Die Protestbewegung 1957/1958 in zeithistorischer und gegenwärtiger Perspektive. Hamburger Zeitspuren 6, Hamburg, S. 71 - 89.
Kalinowski, M. B.; Schruhl, S.	2009	Wandel der deutschen und US-amerikanischen Verteidigungsstrategien im Hinblick auf weitere Naturressourcen und Energiereserven	Angelika Dörfler-Dierken (Hrsg.): Friedensethik und Sicherheitspolitik. SOWI-Jahresschrift, Nomos Verlag, Baden-Baden.
Kalinowski, M.B.:	2009	Nuclear explosion time assessment based on xenon isotopic activity ratios	Angenommen durch Applied Radiation and Isotopes.
Kalinowski, M.B.:	2009	Characterisation of prompt and delayed atmospheric radioactivity releases from underground nuclear tests at Nevada as a function of release time	Angenommen durch Journal of Environmental Radioactivity.
Ramseger, A.; Kalinowski, M. B.; Weiß, L.	2009	CBRN Threats and the Economic Analysis of Terrorism. Prepared for the Network for the Economic Analysis of Terrorism (NEAT)	Economics of Security Working Paper 9, Berlin.
Kalinowski, M. B.; Becker, A.; Saey, P. R. J.; Tuma, M.; Wotawa, G.	2008	The Complexity of CTBT Verification. Taking Noble Gas Monitoring as an Example	Complexity Volume 14 Issue 1, S. 89-99
Kalinowski, M.B.	2008	Remote environmental sampling for the detection of clandestine nuclear weapons production and testing	Greet Janssens-Meanhout (Ed.): Nuclear Safeguards and Non-Proliferation Course Syllabus, ESARDA, Dec. 2008, European Communities, Luxemburg, S. 269-278.
Kalinowski, M. B.; Feichter, J.; Nikkinen, M.; Schlosser, C.	2008	Environmental Sample Analysis	Greet Janssens-Meanhout (Ed.): Nuclear Safeguards and Non-Proliferation Course Syllabus, ESARDA, Dec. 2008, European Communities, Luxemburg, S. 279-295.
Bösenberg, J.; Kalinowski, M. B.	2008	Detecting Atmospheric UF6 and HF as Indicators for Uranium Enrichment	INESAP Bulletin No. 28, S. 55-59, April 2008.
Liebert, W.; Kalinowski, M. B.	2008	Das iranische Exempel. Die Zukunft nuklearer Nichtverbreitung	Wissenschaft und Frieden, Heft 1/2008, S. 21-24.
Roß, O.; Daerr, H.; Kalinowski, M. B.; Kohler, M.; Peters, E.	2008	Hoffnung auf verbesserte Verifikation. Spaltmaterialproduktion und Teststopp	Wissenschaft und Frieden, Heft 1/2008, S. 16-21.
Datan, M.; Hill, F.; Scheffran, J.; Ware, A.; Kalinowski, M. B.; Seidel, V.	2007	Securing our Survival (SOS). The Case for a Nuclear Weapons Convention	Cambridge, Massachusetts.

Kalinowski, M.B.	2007	New developments in the Verification of Nuclear Arms Control	Kalinowski, M. B., Spitzer, H. (Hrsg.): Hamburger Universitätsreden, Neue Folge Band 11, Hamburg.
Kalinowski, M.B.	2007	50 Jahre nach der Göttinger Erklärung. Nukleare Nichtverbreitung in Deutschland	Wissenschaft und Frieden Dossier 55, Beilage zu W&F 4/2007, S. 5-8.
Kalinowski, M.B.	2007	New developments in the Verification of Nuclear Arms Control	INES Newsletter No. 57, November 2007, Seiten 1-3.
Kalinowski, M. B.; Kemp, S.	2007	Detection of Clandestine Fissile Material Production	Chapter 9 for the Global Fissile Material Report 2007. International Panel on Fissile Material (IPFM). Princeton 2007, Seiten 101-109.
Tuma, M. P.; Kalinowski, M. B.	2007	First version of a global inventory of radionuclide emissions from nuclear power plants	Geophysical Research Abstracts, Vol. 9, 00380.
<b>Köhl, Michael</b>			
Stümer, W., B. Kenter, M. Köhl	2010	Spatial Interpolation of In-Situ Data by Self-Organizing Map Algorithms (Neural Networks) for the Assessment of Carbon Stocks in European Forests.	Forest Ecology and Management, 260: 287-293, doi: 10.1016/j.foreco.2010.4.008
D. Plugge, T. Baldauf, H. R. Ratsimba, G. Rajoelison, M. Köhl	2010	Combined Biomass Inventory in the Scope of REDD (Reducing Emissions from Deforestation and Forest Degradation)	Madagascar Conservation and Development Vol. 5 (1): 23-34
Köhl, Michael	2009	Durch nachhaltige Bewirtschaftung nimmt die CO <sub>2</sub> - Speicherleistung der Wälder zu. In: Wichtige Schritte zum Klimaschutz : Wald Holz - Klima	Bonn : Holzabsatzfonds, pp 10-11
Köhl, M., T. Baldauf, D. Plugge, J. Krug	2009	Reduced Emissions from eforestation and Forest Degradation (REDD): a Climate Change Mitigation Strategy on a Critical Track	Carbon Balance and Management, 4(10) doi:10.1186/1750-0680-4-10
Köhl, Michael, A. Frühwald, B. Kenter, K. Olschofsky, R. Köhler, M. Köthke, S. Rüter, H. Pretzsch, T. Rötzer, F. Makeschin, M. Abiy, M. Dieter	2009	Potenzial und Dynamik der Kohlenstoffspeicherung in Wald und Holz: Der kleinste Beitrag des deutschen Forst- und Holzsektors zum Klimaschutz, Landbauforschung	- vTI Agriculture and Forestry Research, 25 - 32
Krug, Joachim, Michael Köhl, Thomas Riedel, Kristin Bormann, Sebastian Rüter and Peter Elsasser	2009	Options for accounting carbon sequestration in German forests, Carbon Balance and Management 2009	4:5 doi:10.1186/1750-0680-4-5, <a href="http://www.cbmjournal.com/content/pdf/1750-0680-4-5.pdf">http://www.cbmjournal.com/content/pdf/1750-0680-4-5.pdf</a>
Köhl, Michael, Arno Frühwald	2009	Permanent Wood Sequestration: NO Solution to the Global Carbon Dioxide Problem	ChemSusChem 2(7): 609-613
Aijoscha Requardt, Andreas. Schuck, Michael Köhl	2009	Means of combating forest dieback – EU support for maintaining forest health and vitality	i-Forest 2: 38-42 [online: 2009-01-21] URL: <a href="http://www.sisef.it/forest/show.php?id=480">http://www.sisef.it/forest/show.php?id=480</a>
Köhl, Michael, Wolfgang Stümer, Bernhard Kenter	2008	Uncertainties in the estimation of effects of forest management and decay of dead woody material on carbon stock and carbon stock changes – a simulation study	Forest Ecology and Management, Vol. 256 (3): 229 – 236
M. Köhl, Dieter, M	2007	Wie lässt sich die Senkenwirkung des Waldes in der Praxis nachweisen?	AF7 62 (11): 569-572