

Veröffentlichungen 2009

des Helmholtz-Zentrums für Umweltforschung – UFZ

Forschungsbereich Erde und Umwelt

Vorbemerkung

Das vorliegende Veröffentlichungsverzeichnis umfasst die im Jahre 2009 erschienenen Publikationen, die von Mitarbeitern der Helmholtz- Zentrum für Umweltforschung GmbH - UFZ verfasst, mitverfasst oder herausgegeben wurden.

Redaktionsschluss für diese Publikationsliste war der 26. Februar 2010. Alle bis dahin nicht erfassten Beiträge werden im Veröffentlichungsverzeichnis 2010 erscheinen.

Im Unterschied zu externen Autoren sind UFZ Angehörige bei allen Publikationen durch fette Schrift hervorgehoben.

Das anschließende alphabetische Register verzeichnet alle UFZ Autoren mit den jeweiligen laufenden Nummern ihrer Publikationen.

Bei den Publikationen aus Zeitschriften mit Impact Factor (IF) werden diese mit aufgeführt. Der IF wird berechnet durch Division der Anzahl der Zitate von Aufsätzen der Zeitschrift durch die Gesamtzahl an Aufsätzen der Zeitschrift in den letzten zwei Jahren. Um einen Impact Factor zu erhalten muss die Zeitschrift im Scientific Citation Index gelistet sein.

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Zeitschriften mit Impact Factor

1. **Adrian, L.**, Dudková, V., Demnerová, K., Bedard, D.L. (2009):
"Dehalococcoides" sp. strain CBDB1 extensively dechlorinates the commercial polychlorinated biphenyl mixture aroclor 1260
Appl. Environ. Microb. **75** (13), 4516 - 4524
Impact Factor: 3.801
2. **Adrian, L.**, Reinhardt, R., Kube, M. (2009):
Genomics as a tool to analyze bioremediation potentials and functional diversification in subsurface environments
Geochim. Cosmochim. Ac. **73** (13), A12 - A12
Impact Factor: 4.235
3. Alfreider, A., **Vogt, C.**, Geiger- Kaiser, M., Psenner, R. (2009):
Distribution and diversity of autotrophic bacteria in groundwater systems based on the analysis of RubisCO genotypes
Syst. Appl. Microbiol. **32** (2), 140 - 150
Impact Factor: 2.582
4. Allan, I.J., Booij, K., **Paschke, A.**, **Vrana, B.**, Mills, G.A., Greenwood, R. (2009):
Field Performance of Seven Passive Sampling Devices for Monitoring of Hydrophobic Substances
Environ. Sci. Technol. **43** (14), 5383 - 5390
Impact Factor: 4.458
5. **Altenburger, R.**, Greco, W.R. (2009):
Extrapolation concepts for dealing with multiple contamination in environmental risk assessment
Integrated Environmental Assessment and Management **5** (1), 62 - 68
Impact Factor: -
6. **Altenburger, R.**, **Gündel, U.**, Ali- Aycheh, M., **Hanisch, K.**, **Küster, A.**, Rechenberg, B., **Schreiber, R.** (2009):
Models for extrapolation of long- term effects of pharmaceuticals in the environment using therapeutic information
Toxicol. Lett. **189** (Suppl. 1), S191 - S192
Impact Factor: 3.249
7. Anadón, J.D., Giménez, A., Ballestar, R., Pérez, I. (2009):
Evaluation of local ecological knowledge as a method for collecting extensive data on animal abundance
Conserv. Biol. **23** (3), 617 - 625
Impact Factor: 4.705

8. **Angeles-Wedler, D., Mackenzie, K., Kopinke, F.-D.** (2009):
Sulphide- induced deactivation of Pd/ Al₂O₃ as hydrodechlorination catalyst and its oxidative regeneration with permanganate
Appl.Catal.B- Environ. **90** (3-4), 613 - 617
Impact Factor: 4.853
9. **Angelstein, S., Schubert, H.** (2008):
Elodea nuttallii: uptake, translocation and release of phosphorus
Aquatic Biology **3** (3), 209 - 216
Impact Factor: 0.762
10. **Angelstein, S., Schubert, H.** (2009):
Light acclimatisation of *Elodea nuttallii* grown under ambient DIC conditions
Plant Ecol. **202** (1), 91 - 101
Impact Factor: 1.73
11. **Angelstein, S., Wolfram, C., Rahn, K., Kiwel, U., Frimel, S., Merbach, I., Schubert, H.** (2009):
The influence of different sediment nutrient contents on growth and competition of *Elodea nuttallii* and *Myriophyllum spicatum* in nutrient- poor waters
Fundamental and Applied Limnology **175** (1), 49 - 57
Impact Factor: 0.558
12. **Arnold, S., Attinger, S., Frank, K., Hildebrandt, A.** (2009):
Uncertainty in parameterisation and model structure affect simulation results in coupled ecohydrological models
Hydrol.Earth.Syst.Sc. **13** (10), 1789 - 1807
Impact Factor: 2.27
13. **Arp, H.P.H., Goss, K.U.** (2009):
Ambient gas/ particle partitioning. 3. Estimating partition coefficients of apolar, polar, and ionizable organic compounds by their molecular structure
Environ.Sci.Technol. **43** (6), 1923 - 1929
Impact Factor: 4.458
14. **Arp, H.P.H., Goss, K.U.** (2009):
Gas/ particle partitioning behavior of perfluorocarboxylic acids with terrestrial aerosols
Environ.Sci.Technol. **43** (22), 8542 - 8547
Impact Factor: 4.458
15. **Arp, H.P.H., Goss, K.U.** (2009):
Response to Comment on "Irreversible sorption of trace concentrations of perfluorocarboxylic acids to fiber filters used for air sampling" by Arp and Goss (Atmospheric Environment 42, 6869-6872, 2008) Discussion
Atmos.Environ. **43** (22-23), 3654 - 3655
Impact Factor: 2.89

16. **Attinger, S.**, Dimitrova, J., Kinzelbach, W. (2009):
Homogenization of the transport behavior of nonlinearly adsorbing pollutants in physically and chemically heterogeneous aquifers
Adv. Water Resour. **32** (5), 767 - 777
Impact Factor: 2.235
17. **Babel, W.** (2009):
The auxiliary substrate concept: from simple considerations to heuristically valuable knowledge
Eng. Life Sci. **9** (4), 285 - 290
Impact Factor: 2.108
18. **Babik, W.**, Pabijan, M., Arntzen, J.W., Cogalniceanu, D., **Durka, W.**, Radwan, J. (2009):
Long-term survival of a urodele amphibian despite depleted major histocompatibility complex variation
Mol. Ecol. **18** (5), 769 - 781
Impact Factor: 5.325
19. Badea, S.L., **Vogt, C.**, **Weber, S.**, Danet, A.-F., **Richnow, H.H.** (2009):
Stable isotope fractionation of *g*-hexachlorocyclohexane (lindane) during reductive dechlorination by two strains of sulfate-reducing bacteria
Environ. Sci. Technol. **43** (9), 3155 - 3161
Impact Factor: 4.458
20. Bailón, L., Nikolausz, M., **Kästner, M.**, Veiga, M.C., Kennes, C. (2009):
Removal of dichloromethane from waste gases in one- and two-liquid-phase stirred tank bioreactors and biotrickling filters
Water Res. **43** (1), 11 - 20
Impact Factor: 3.587
21. Balcke, G.U., Paschke, H., **Vogt, C.**, **Schirmer, M.** (2009):
Pulsed gas injection: a minimum effort approach for enhanced natural attenuation of chlorobenzene in contaminated groundwater
Environ. Pollut. **157** (7), 2011 - 2018
Impact Factor: 3.135
22. **Bandow, N.**, **Altenburger, R.**, Lübcke-von Varel, U., **Paschke, A.**, **Streck, G.**, **Brack, W.** (2009):
Partitioning-based dosing: an approach to include bioavailability in the effect-directed analysis of contaminated sediment samples
Environ. Sci. Technol. **43** (10), 3891 - 3896
Impact Factor: 4.458

23. **Bandow, N., Altenburger, R., Streck, G., Brack, W.** (2009):
Effect- directed analysis of contaminated sediments with partition- based dosing
using green algae cell multiplication inhibition
Environ.Sci.Technol. **43** (19), 7343 - 7349
Impact Factor: 4.458
24. **Banzhaf, E., Grescho, V., Kindler, A.** (2009):
Monitoring urban to peri- urban development with integrated remote sensing and
GIS information: a Leipzig, Germany case study
Int.J.Remote Sens. **30** (7), 1675 - 1696
Impact Factor: 1.041
25. Barra, R., Quiroz, R., Saez, K., Araneda, A., Urrutia, R., **Popp, P.** (2009):
Sources of polycyclic aromatic hydrocarbons (PAHs) in sediments of the Biobio
River in south central Chile
Environmental Chemistry Letters **7** (2), 133 - 139
Impact Factor: 1.366
26. Barth, J.A.C., Grathwohl, P., Fowler, H.J., Bellin, A., Gerzabek, M.H., Lair, G.J.,
Barcelo, D., Petrovic, M., Navarro, A., Négrel, P., Petelet- Giraud, E.,
Darmendrail, D., Rijnaarts, H., Langenhoff, A., de Weert, J., Slob, A., van der
Zaan, B.M., Gerritse, J., Frank, E., Gutierrez, A., Kretzschmar, R., Gocht, T.,
Steidle, D., Garrido, F., Jones, K.C., Meijer, S., Moeckel, C., Marsman, A., Klaver,
G., Vogel, T., Bürger, C., **Kolditz, O.**, Broers, H.P., Baran, N., Joziassse, J., **von
Tümping, W.**, Van Gaans, P., Merly, C., Chapman, A., Brouyère, S., Batlle
Aguilar, J., Orban, P., Tas, N., Smidt, H. (2009):
Mobility, turnover and storage of pollutants in soils, sediments and waters:
achievements and results of the EU project AquaTerra. A review
Agron.Sustain.Dev. **29** (1), 161 - 173
Impact Factor: 1.649
27. Bastian, S., **Busch, W., Kühnel, D.**, Springer, A., Meißner, T., Holke, R., **Scholz,
S.**, Iwe, M., Pompe, W., Gelinsky, M., Potthoff, A., Richter, V., Ikonomidou, H.,
Schirmer, K. (2009):
Toxicity of tungsten carbide and cobalt- doped tungsten carbide nanoparticles in
mammalian cells *in vitro*
Environ.Health Perspect. **117** (4), 530 - 536
Impact Factor: 6.123
28. Bauer, R.D., Rolle, M., Eberhardt, C., Grathwohl, P., **Bauer, S., Kolditz, O.**,
Meckenstock, R.U., Griebler, C. (2009):
Enhanced biodegradation by hydraulic heterogeneities in petroleum hydrocarbon
plumes
J.Contam.Hydrol. **105** (1-2), 56 - 68
Impact Factor: 2.106

29. **Bayer- Raich, M.**, Jarsjö, J., **Teutsch, G.** (2009):
Breakthrough of attenuating contaminant plumes in pumping wells: Analytical model and implications for integral pumping tests
Water Resourc.Res. **45** , W02413
Impact Factor: 2.398
30. **Beketov, M.A.** (2009):
Cross- Eurasian and altitudinal distribution of lotic mayflies - species with wider altitudinal ranges have narrower geographical distribution
Annales de Limnologie- International Journal of Limnology **45** (4), 209 - 218
Impact Factor: 0.768
31. **Beketov, M.A.** (2009):
SPEAR (pesticide) pinpoints pollution in minutes
Trends Anal.Chem. **28** (10), III
Impact Factor: 5.485
32. **Beketov, M.A.** (2009):
The Rapoport effect is detected in a river system and is based on nested organization
Global Ecol.Biogeogr. **18** (4), 498 - 506
Impact Factor: 5.304
33. **Beketov, M.A., Foit, K.**, Schafer, R.B., Schriever, C.A., **Sacchi, A.**, Capri, E., Biggs, J., Wells, C., **Liess, M.** (2009):
SPEAR indicates pesticide effects in streams - Comparative use of species- and family- level biomonitoring data
Environ.Pollut. **157** (6), 1841 - 1848
Impact Factor: 3.135
34. Benkö, G., **Centler, F.**, Dittrich, P., Flamm, C., Stadler, B.M.R., Stadler, P.F. (2009):
A topological approach to chemical organizations
Artificial Life **15** (1), 71 - 88
Impact Factor: 1.164
35. **Benndorf, D., Vogt, C., Jehmlich, N., Schmidt, Y.**, Thomas, H., Woffendin, G., Shevchenko, A., **Richnow, H.H., von Bergen, M.** (2009):
Improving protein extraction and separation methods for investigating the metaproteome of anaerobic benzene communities within sediments
Biodegradation **20** (6), 737 - 750
Impact Factor: 2.055

36. **Bernt, M.** (2009):
Partnerships for Demolition: The Governance of Urban Renewal in East Germany's Shrinking Cities
International Journal of Urban and Regional Research **33** (3), 754 - 769
Impact Factor: 1.299
37. Beyer, C., Konrad, W., **Rügner, H., Bauer, S.**, Liedl, R., Grathwohl, P. (2009):
Model- based prediction of long- term leaching of contaminants from secondary materials in road constructions and noise protection dams
Waste Management **29** (2), 839 - 850
Impact Factor: 2.208
38. Beyschlag, W., Hanisch, S., **Friedrich, S.**, Jentsch, A., Werner, C. (2009):
¹⁵N natural abundance during early and late succesion in middle- European dry acidic grassland
Plant Biol. **11** (5), 713 - 724
Impact Factor: 1.944
39. Biganzoli, F., **Wiegand, T.**, Batista, W.B. (2009):
Fire- mediated interactions between shrubs in a South American temperate savannah
Oikos **118** (9), 1383 - 1395
Impact Factor: 2.97
40. Bischoff, A., Warthemann, G., **Klotz, S.** (2009):
Succession of floodplain grasslands following reduction in land use intensity: the importance of environmental conditions, management and dispersal
J.Appl.Ecol. **46** (1), 241 - 249
Impact Factor: 4.56
41. **Bleicher, A., Groß, M.** (2009):
Book review: "Aulikki Litzen, *Genius Logistics. Occupational Geographical Mobility of Nobel Prize Winners in Science 1860-2005*, Helsinki: The Finnish Society of Science and Letters, 2008, Illus., 157 pp."
History and Philosophy of the Life Sciences **31** (1), 119 - 121
Impact Factor: 0.625
42. **Boehrer, B., Dietz, S.**, von Rohden, C., **Kiwel, U.**, Jönk, K.D., Naujoks, S., Illmberg, J., Lessmann, D. (2009):
Double- diffusive deep water circulation in an iron- meromictic lake
Geochemistry Geophysics Geosystems **10** (6), Q06006
Impact Factor: 2.979

43. **Boehrer, B.**, Fukuyama, R., Chikita, K., Kikukawa, H. (2009):
Deep water stratification in deep caldera lakes Ikeda, Towada, Tazawa, Kuttara,
Toya and Shikotsu
Limnology **10** (1), 17 - 24
Impact Factor: 0.908
44. **Boettger, T.**, Friedrich, M. (2009):
A new serial pooling method of shifted tree ring blocks to construct millennia long
tree ring isotope chronologies with annual resolution
Isot. Environ. Health Stud. **45** (1), 68 - 80
Impact Factor: 1.016
45. **Boettger, T.**, Hiller, A., Junge, F.W., Mania, D., Kremenetski, C. (2009):
Late Glacial/ Early Holocene environmental changes in northern Thuringia,
central Germany: stable isotope record, radiocarbon stratigraphy and vegetation
history
Quat. Int. **203** (1-2), 105 - 112
Impact Factor: 1.482
46. **Borsdorf, H.**, Neitsch, K., Eiceman, G.A., Stone, J.A. (2009):
A comparison of the ion chemistry for mono- substituted toluenes and anilines by
three methods of atmospheric pressure ionization with ion mobility spectrometry
Talanta **78** (4-5), 1464 - 1475
Impact Factor: 3.206
47. **Bossdorf, O.**, Pigliucci, M. (2009):
Plasticity to wind is modular and genetically variable in *Arabidopsis thaliana*
Evol. Ecol. **23** (5), 669 - 685
Impact Factor: 3.448
48. **Brack, W.**, Apitz, S.E., **Borchardt, D.**, Brils, J., Cardoso, A.C., Foekema, E.M.,
van Gils, J., Jansen, S., Harris, B., **Hein, M.**, Heise, S., Hellsten, S., de Maagd,
P.G.- J., Müller, D., Panov, V.E., Posthuma, L., Quevauviller, P., Verdonschot,
P.F.M., **von der Ohe, P.C.** (2009):
Towards a holistic and risk- based management of European river basins
Integrated Environmental Assessment and Management **5** (1), 5 - 10
Impact Factor: -
49. **Brack, W.**, **Bandow, N.**, Schwab, K., **Schulze, T.**, **Streck, G.** (2009):
Bioavailability in effect- directed analysis of organic toxicants in sediments
Trends Anal. Chem. **28** (5), 543 - 549
Impact Factor: 5.485

50. **Brack, W.**, Posthuma, L., **Hein, M.**, **von der Ohe, P.C.** (2009):
European river basins at risk
Integrated Environmental Assessment and Management **5** (1), 2 - 4
Impact Factor: -
51. Brand, W.A., Coplen, T.B., Aerts- Bijma, A., Böhlke, J.K., **Gehre, M.**, Geilmann, H., Gröning, M., Jansen, H.G., Meijer, H.A.J., Mroczkowski, S.J., Qi, H., Soergel, K., Stuart- Williams, H., **Weise, S.M.**, Werner, R.A. (2009):
Comprehensive inter- laboratory calibration of reference materials for d¹⁸O versus VSMOW using various on- line high- temperature conversion techniques
Rapid.Comm.Mass.Spectrom. **23** (7), 999 - 1019
Impact Factor: 2.772
52. **Bräuer, K.**, Kämpf, H., **Strauch, G.** (2009):
Earthquake swarms in non- volcanic regions: what fluids have to say
Geophys.Res.Lett. **36** , L17309
Impact Factor: 2.959
53. **Busch, W.**, **Kühnel, D.**, Springer, A., Meissner, T., Gelinsky, M., Potthoff, A., **Scholz, S.**, Richter, V., **Schirmer, K.** (2009):
Tungsten carbide and tungsten carbide cobalt nanoparticle toxicity: The role of cellular particle uptake, leached ions and cobalt bioavailability
Toxicol.Lett. **189** (Suppl. 1), S185 - S185
Impact Factor: 3.249
54. Böhme, A., **Thaens, D.**, **Paschke, A.**, **Schüürmann, G.** (2009):
Kinetic glutathione chemoassay to quantify thiol reactivity of organic electrophiles - application to *a,b*- unsaturated ketones, acrylates, and propiolates
Chem.Res.Toxicol. **22** (4), 742 - 750
Impact Factor: 3.491
55. Böhme, A., **Thaens, D.**, **Paschke, A.**, **Schüürmann, G.** (2009):
Kinetic glutathione chemoassay- A non- animal component of integrated testing strategies to identify compounds with an electrophilic potential for reactive toxicity
Toxicol.Lett. **189** (Suppl. 1), S62 - S62
Impact Factor: 3.249
56. Böhl, M., Möhle, R.B., **Haesner, M.**, **Neu, T.R.**, Horn, H., Krull, R. (2009):
3D finite element model of biofilm detachment using real biofilm structures from CLSM data
Biotechnol.Bioeng. **103** (1), 177 - 186
Impact Factor: 2.936

57. **Büttner, A.**, Seifert, K., Cottin, T., Sarli, V., Tzagkaroulaki, L., **Scholz, S.**, Giannis, A. (2009):
Synthesis and biological evaluation of SANT-2 and analogues as inhibitors of the hedgehog signaling pathway
Bioorganic & Medicinal Chemistry **17** (14), 4943 - 4954
Impact Factor: 3.075
58. Büttner, K., **Hölzl, C.**, Held, G. (2009):
KnowledgeScapes in globalen Innovationsfeldern. Wissenstrategien in der Medizintechnik in Erlangen und Eindhoven sowie im Flugzeugbau in Toulouse und Hamburg
disP **178** (3), 37 - 55
Impact Factor: -
59. Cajthaml, T., Kresinová, Z., Svobodová, K., **Möder, M.** (2009):
Biodegradation of endocrine- disrupting compounds and suppression of estrogenic activity by ligninolytic fungi
Chemosphere **75** (6), 745 - 750
Impact Factor: 3.054
60. **Carminati, A.**, Flühler, H. (2009):
Water infiltration and redistribution in soil aggregate packings
Vadose Zone J. **8** (1), 150 - 157
Impact Factor: 1.441
61. **Carminati, A., Vetterlein, D., Weller, U., Vogel, H.J., Oswald, S.E.** (2009):
When roots lose contact
Vadose Zone J. **8** (2), 805 - 809
Impact Factor: 1.441
62. Carre, G., Roche, P., Chifflet, R., Morison, N., Bommarco, R., Harrison- Cripps, J., Krewenka, K., Potts, S.G., Roberts, S.P.M., Rodet, G., **Settele, J.**, Steffan-Dewenter, I., Szentgyorgyi, H., Tscheulin, T., Westphal, C., Woyciechowski, M., Vaissiere, B.E. (2009):
Landscape context and habitat type as drivers of bee diversity in European annual crops
Agr.Ecosyst.Environ. **133** (1-2), 40 - 47
Impact Factor: 2.884
63. Castellanos, T., Dohrmann, A.B., **Imfeld, G.**, Baumgarte, S., Tebbe, C.C. (2009):
Search of environmental descriptors to explain the variability of the bacterial diversity from maize rhizospheres across a regional scale
Eur.J.Soil Biol. **45** (5-6), 383 - 393
Impact Factor: 0.888

64. Chen, H.- L., **Yao, J., Wang, F.**, Bramanti, E., **Maskow, T.**, Zaray, G (2009):
Acute toxic effects of three pesticides on *Pseudomonas putida* monitored by microcalorimeter
Journal of Environmental Science and Health, Part B **44** (2), 157 - 163
Impact Factor: 0.93
65. Chen, H.- L., **Yao, J.**, Wang, L., **Wang, F.**, Bramanti, E., **Maskow, T.**, Zaray, G (2009):
Evaluation of solvent tolerance of microorganisms by microcalorimetry
Chemosphere **74** (10), 1407 - 1411
Impact Factor: 3.054
66. **Chrzanowski, L.**, Owsianiak, M., Wyrwas, B., Aurich, A., Szulc, A., Olszanowski, A. (2009):
Adsorption of sodium dodecylbenzenesulphonate (SDBS) on *Candida maltosa* EH 15 strain: influence on cell surface hydrophobicity and *n* - alkanes biodegradation
Water Air Soil Poll. **196** (1-4), 345 - 353
Impact Factor: 1.398
67. **Chrzanowski, L., Wick, L.Y.**, Meulenkamp, R., **Kästner, M., Heipieper, H.- J.** (2009):
Rhamnolipid biosurfactants decrease the toxicity of chlorinated phenols to *Pseudomonas putida* DOT- T1E
Letters in Applied Microbiology **48** (6), 756 - 762
Impact Factor: 1.679
68. Clemo, T., Barrash, W., Reboulet, E.C., Johnson, T.C., Leven, C. (2009):
The influence of wellbore inflow on electromagnetic borehole flowmeter measurements
Ground Water **47** (4), 515 - 525
Impact Factor: 1.304
69. Das, B.K., Roy, A., **Koschorreck, M.**, Mandal, S.M., **Wendt- Potthoff, K.**, Bhattacharya, J. (2009):
Occurrence and role of algae and fungi in acid mine drainage environment with special reference to metals and sulfate immobilization
Water Res. **43** (4), 883 - 894
Impact Factor: 3.587
70. de Carvalho, C.C.C.R., **Wick, L.Y., Heipieper, H.- J.** (2009):
Cell wall adaptations of planktonic and biofilm *Rhodococcus erythropolis* cells to growth on C5 to C16 *n* - alkane hydrocarbons
Appl.Microbiol.Biotechnol. **82** (2), 311 - 320
Impact Factor: 2.569

71. de Zwart, D., Posthuma, L., Gevrey, M., **von der Ohe, P.C.**, de Deckere, E. (2009):
Diagnosis of ecosystem impairment in a multiple stress context - how to formulate effective river basin management plans
Integrated Environmental Assessment and Management **5** (1), 38 - 49
Impact Factor: -
72. Deepthike, H.U., Tecon, R., van Kooten, G., van der Meer, J.R., **Harms, H., Wells, M.**, Short, J. (2009):
Unlike PAHs from Exxon Valdez Crude Oil, PAHs from Gulf of Alaska Coals are not readily bioavailable
Environ.Sci.Technol. **43** (15), 5864 - 5870
Impact Factor: 4.458
73. Delfs, J.O., **Kalbus, E.**, Park, C.H., **Kolditz, O.** (2009):
A physically based model concept for transport modelling in coupled hydrosystems
Grundwasser **14** (3), 219 - 235
Impact Factor: 0.273
74. Delfs, J.O., Park, C.H., **Kolditz, O.** (2009):
A sensitivity analysis of Hortonian flow
Adv.Water Resour. **32** (9), 1386 - 1395
Impact Factor: 2.235
75. **Dietrich, P.**, Tronicke, J. (2009):
Integrated analysis and interpretation of crosshole P- and S- wave tomograms: a case study
Near Surface Geophysics **7** (2), 101 - 109
Impact Factor: 0.805
76. **Dislich, C.**, Günter, S., Homeier, J., Schröder, B., **Huth, A.** (2009):
Simulating Forest Dynamics of A Tropical Montane Forest in South Ecuador
Erdkunde **63** (4), 347 - 364
Impact Factor: 0.543
77. **Doktor, D.**, Bondeau, A., Koslowski, D., Badeck, F.- W. (2009):
Influence of heterogeneous landscapes on computed green- up dates based on daily AVHRR NDVI observations
Remote Sens.Environm. **113** (12), 2618 - 2632
Impact Factor: 3.943
78. **Dombrowsky, I.** (2009):
Revisiting the potential for benefit- sharing in the management of trans- boundary rivers
Water Policy **11** (2), 125 - 140
Impact Factor: -

79. **Dormann, C.F.** (2009):
Response to Comment on "Methods to account for spatial autocorrelation in the analysis of species distributional data: a review"
Ecography **32** (3), 379 - 381
Impact Factor: 4.099
80. Dover, J., **Settele, J.** (2009):
The influences of landscape structure on butterfly distribution and movement: a review
Journal of Insect Conservation **13** (1), 3 - 27
Impact Factor: 1.838
81. **Drechsler, M.** (2009):
Predicting metapopulation lifetime from macroscopic network properties
Mathematical Biosciences **218** (1), 59 - 71
Impact Factor: 1.148
82. **Drechsler, M.**, Lourival, R., Possingham, H.P. (2009):
Conservation planning for successional landscapes
Ecol.Modell. **220** (4), 438 - 450
Impact Factor: 2.176
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Herausgeber

Helmholtz-Zentrum für Umweltforschung GmbH - UFZ

Permoserstraße 15
04318 Leipzig
Telefon 0341-235-0

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