

Publications in 2007

Monographs, Serials (Contributions)

Ecology / Biology

2007	Krain, E. ; Yanurita, D.; Link, A.-K. (2007): Tsunami and coastal disaster risk assessment in Indonesia. In: Datta, R. K. (Hrsg.), Coastal ecosystems: hazard management and rehabilitation, 24-48.
2007	Nordhaus, I. (2007): Global climate and regional environmental change affecting coastal ecosystems: II. Ecology and resources of mangrove forests. In: Datta, R. K. (Hrsg.): Coastal ecosystems: hazard management and rehabilitation, 70-88.
2007	Nordhaus, I. (2007): The benthic community in the Segara Anakan Lagoon, Java, Indonesia. In: Yuwono, E.; Jennerjahn, T.; Sastranegara, M. H.; Sukardi, P. (Hrsg.): Synopsis of ecological and socio-economic aspects of tropical coastal ecosystem with special reference to Segara Anakan. Conference Proceedings, Research Institute, Jenderal Soedirman University, Purwokerto, 33-38.
2007	Rückert, S. ; Palm, H. W. (2007): Parasites as bioindicators for a risk classification system around and within Indonesian grouper mariculture. In: Yuwono, E.; Jennerjahn, T.; Sastranegara, M. H.; Sukardi, P. (Hrsg.). Synopsis of ecological and socio-economic aspects of tropical coastal ecosystem with special reference to Segara Anakan. Conference Proceedings, Research Institute, Jenderal Soedirman University, Purwokerto, 44-49.

Biogeochemistry

2007	Jennerjahn, T. ; Holtermann, P.; Pohlenga, I.; Nasir, B. (2007): Environmental conditions in the Segara Anakan Lagoon, Java, Indonesia. In: Yuwono, E.; Jennerjahn, T.; Sastranegara, M. H.; Sukardi, P. (Hrsg.): Synopsis of ecological and socio-economic aspects of tropical coastal ecosystem with special reference to Segara Anakan. Conference Proceedings, Research Institute, Jenderal Soedirman University, Purwokerto, 28-32.
2007	Rixen, T. ; Ittekkot, V. (2007): Monsoonal impacts on the biological pump in the northern Indian Ocean as discerned from sediment trap experiments. In: Kawahata, H.; Awaya, Y. (Hrsg.): Global Climate Change and Response of Carbon Cycle in the Equatorial Pacific and Indian Oceans and Adjacent Landmasses. Elsevier Oceanography Series 72, 157-174.
2007	Souza-Filho, P. W.; Lara, R. ; Silveira, O.; Miranda, F. P. (2007): The Amazon mangrove coast: the role of geological factors in its evolution during the quaternary. In: Eos Trans. AGU, 88(23), Jt. Assem. Suppl., Abstract OS23D-04

Social Sciences

2007	Flitner, M. ; Soyez, D.; Venzke, J.-F. (2007): Boreale Waldländer: Ressourcenperipherien und Lebenswelten. In: H. Gebhardt u.a. (Hrsg.): Geographie: Physische Geographie und
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	Humangeographie, Spektrum Akademischer Verl., 993-1003.
2007	Glaser, M. (2007) Denkmodelle zu Mensch-Natur Beziehungen: Soziale und ethische Dimensionen. In: W. Serbser & K. Bruckmeier, Ethik und Umweltpolitik. Humanökologische Positionen und Perspektiven. Edition Humanökologie, München: Oekom, 89-113.

Peer-reviewed Journals

Ecology / Biology

2007	Al-Najjar, T.; Badran, M. I.; Richter, C. ; Meyerhofer, M.; Sommer, U. (2007): Seasonal dynamics of phytoplankton in the Gulf of Aqaba, Red Sea. <i>Hydrobiologia</i> 579 (1), 69-83.
2007	Brenner, M.; Krumme, U. (2007): Tidal migration and patterns in feeding of the four-eyed fish <i>Anableps anableps</i> L. in a north Brazilian mangrove. <i>Journal of Fish Biology</i> 70 (2), 406-427.
2007	Cornils, A.; Niehoff, B.; Richter, C. ; Al-Najjar, T.; Schnack-Schiel, S. B. (2007) Seasonal abundance and reproduction of the clausocalanid copepods of the northern Gulf of Aqaba (Red Sea). <i>Journal of Plankton Research</i> 29 (1), 57-70.
2007	Cornils, A.; Schnack-Schiel, S. B.; Al-Najjar, T.; Richter, C. (2007): Feeding of Clausocalanids (Calanoida, Copepoda) on natural occurring particles in the northern Gulf of Aqaba (Red Sea). <i>Marine Biology</i> 151, 1261-1274.
2007	Cornils, A.; Schnack-Schiel, S. B.; Al-Najjar, T.; Badran, M. I.; Rasheed, M.; Manasrah, R.; Richter, C. (2007): The seasonal cycle of the epipelagic mesozooplankton in the northern Gulf of Aqaba (Red Sea). <i>Journal of Marine Systems</i> 68 (1-2), 278-292.
2007	Diele, K. ; Simith, D. J. B. (2007): Effects of substrata and conspecific odour on the metamorphosis of mangrove cran maegalopae, <i>Ucides cordatus</i> (Ocypoidae). <i>Journal of Experimental Marine Biology and Ecology</i> 384, 174-182.
2007	Duke, N. C.; Meynecke, J.-O.; Dittmann, S.; Ellison, A. M.; Anger, K.; Berger, U. ; Cannicci, C.; Diele, K. ; Ewel, K. C.; Field, C. D.; Koedam, N.; Lee, S. Y.; Marchand, C.; Nordhaus, I. ; Dahdouh-Guebas, F. (2007): A World without Mangroves?. <i>Science</i> 317, 41-42.
2007	Fredersdorf, J.; Bischof, K. (2007): Irradiance of photosynthetically active radiation determines UV-susceptibility of photosynthesis in <i>Ulva lactuca</i> L. (Chlorophyta). <i>Phycological Research</i> 55, 295-301.
2007	Giarizzo, T. ; Krumme, U. (2007): Spatial differences and seasonal cyclicity in the intertidal fish fauna from four mangrove creeks in a salinity zone of the Curuçá Estuary, North Brazil. <i>Bull. Mar. Sc.</i> 80 (3), 739-754.
2007	Grote, B. ; Ekau, W. ; Hagen, W.; Huggett, J. A.; Verheye, H. (2007): Early life-history strategy of Cape hake in the Benguela upwelling region. <i>Fisheries Research</i> 86, 179-187.
2007	Krumme, U. ; Keuthen, H.; Saint-Paul, U. ; Villwock, W. (2007): Contribution to the feeding ecology of the banded puffer fish <i>Colomesus psittacus</i> (Tetraodontidae) in north Brazilian mangrove creeks. <i>Brazilian Journal of Biology</i> 67 (3), 383-392

2007	Kunzmann, A. ; Schmid, M.; Yuwono, E. (2007): Routine respiration and activity of the Indonesian mangrove crab, <i>Scylla serrata</i> (Forskål, 1775) (Decapoda, Brachyura). <i>Crustaceana</i> 80 (1), 77-95.
2007	Melo Jr., M. de; Paranagua, M. N.; Schwamborn, R.; Neumann Laitão, S.; Ekau, W. (2007): Fluxes of zooplankton biomass between a tidal estuary and the sea in northeastern Brazil. <i>Brazilian Journal of Oceanography</i> 55 (4), 239-249.
2007	Nordhaus, I. ; Wolff, M. (2007): Feeding ecology of the mangrove crab <i>Ucides cordatus</i> (Ocypodidae): food choice, food quality and assimilation efficiency. <i>Marine Biology</i> 151, 1665-1681.
2007	Piou, C. ; Berger, U. ; Hildenbrandt, H. ; Grimm, V.; Diele, K. ; d'Lima, C. (2007): Simulating cryptic movements of a mangrove crab: recovery phenomena after small-scale fishery. <i>Ecological Modelling</i> 205, 110-122.
2007	Roleda, M.Y.; Wiencke, C.; Hanelt, D.; Bischof, K. (2007): Sensitivity of the early life stages of macroalgae to ultraviolet radiation. <i>Photochemistry and Photobiology</i> 83, 851-862.
2007	Teichberg, M. ; Heffner, L.; Fox, S.; Valiela, I. (2007): Nitrate reductase and glutamine synthetase activity, internal N pools, and growth of <i>Ulva lactuca</i> : Responses to long and short-term N supply. <i>Mar. Biol.</i> 151, 1249-1259.
2007	Wiencke, C.; Clayton, M. N.; Gómez, I.; Iken, K.; Lüder, U. H.; Amsler, C. D.; Karsten, U.; Hanelt, D.; Bischof, K. ; Dunton, K. (2007): Life strategy, ecophysiology and ecology of seaweeds in polar waters. <i>Reviews in Environmental Science and Biotechnology</i> 6, 95-126.

Biogeochemistry

2007	Alkhatib, M.; Jennerjahn, T. C. ; Samiaji, J. (2007): Biogeochemistry of the Dumai River estuary, Sumatra, Indonesia, a tropical blackwater river. <i>Limnology & Oceanography</i> 52, 2410-2417.
2007	Baum, A. ; Rixen, T. ; Samiaji, J. (2007): Relevance of peat draining rivers in central Sumatra for the riverine input of dissolved organic carbon into the ocean. <i>Estuarine, Coastal and Shelf Science</i> 73 (3-4), 563-570.
2007	Gaye, B.; Fahl, K.; Kodina, L. A.; Lahajnar, N.; Nagel, B.; Unger, D. ; Gebhardt, A. C. (2007): Particulate matter fluxes in the southern and central Kara Sea compared to sediments: Bulk fluxes, amino acids, stable carbon and nitrogen isotopes, sterols and fatty acids. <i>Continental Shelf Research</i> 27 (20), 2570-2594.
2007	Mohtadi, M.; Max, L.; Hebbeln, D.; Baumgart, A.; Krück, N.; Jennerjahn, T. (2007): Modern environmental conditions recorded in surface sediment samples off W and SW Indonesia: Planktonic foraminifera and biogenic compounds analyses. <i>Mar. Micropaleontol.</i> 65, 96-112.
2007	Rückert, S. ; Klimpel, S.; Palm, H. W. (2007): Parasite fauna of bream <i>Abramis brama</i> and roach <i>Rutilus rutilus</i> from a man-made waterway and a freshwater habitat in northern Germany. <i>Diseases of Aquatic Organisms</i> 74 (3), 225-233.

2007	Stoll, H. M.; Arevalos, A.; Burke, A.; Ziveri, P.; Mortyn, G.; Shimizu, N.; Unger, D. (2007): Seasonal cycles in biogenic production and export in northern bay of Bengal sediment traps. Deep Sea Research Part II, Topical Studies in Oceanography 54 (5-7), 558-580.
2007	Yuwono, E.; Jennerjahn, T. C. ; Nordhaus, I. ; Riyanto, E. A.; Sastranegara, M. H.; Pribadi, R. (2007): Ecological status of Segara Anakan, Indonesia: a mangrove-fringed lagoon affected by human activities. Asian Journal of Water, Environment and Pollution 4 (1), 61-70.
2007	Zhang, J.; Wu, Y.; Jennerjahn, T. C. ; Ittekkot, V. ; He, Q. (2007): Distribution of organic matter in the Changjiang (Yangtze River) estuary and their stable carbon and nitrogen isotopic ratios: implications for source discrimination and sedimentary dynamics. Mar. Chem. 106, 111-126.

Social Sciences

2007	Fontalvo-Herazo, M. L.; Glaser, M. ; Ribeiro, A (2007): A method for the participatory design of an indicator system as a tool for local coastal management. Ocean and Coastal Management 50, 779–795.
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Ecological Modelling

2007	Taylor, M. H. ; Wolff, M. (2007): Trophic modeling of Eastern Boundary Systems: a review and prospectus for solving the “Peruvian Puzzle”. Revista Peruana de Biología 14 (1), 87-100.
2007	Wolff, M. ; Taylor, M. ; Mendo, J.; Yamashiro, C. (2007): A catch forecast model for the Peruvian Scallop (<i>Argopecten purpuratus</i>) based on estimators of spawning stock and settlement rate. Ecological Modelling 209 (2-4), 333-341

Other Journals

Ecology / Biology

2007	Eickhoff, S. ; Krain, E. : Wissenschaft hilft, bedrohte Küstenregionen zu schützen (2007). E.velop, das entwicklungs-magazin 51.
2007	Krain, E. ; Yanuarita, D. (2007): Linking integrated coastal zone management (ICZM) with tsunami disaster risk management: some German-Indonesian experiences from capacity building measures in Indonesia. In: Abendroth, S.; Krause, G. (Hrsg.). Restoration and development of tsunami affected areas in Indonesia – symposium proceedings. Quo vadis – Landschaftsarchitektur 3, 16 (Erfurt).
2007	Krumme, U. (2007): Alles im Blick: Vieraugenfische in Nordbrasilien. Deutsche Aquarien- und Terrarienzeitschrift 8, 6-9.

2007	Nordhaus, I. (2007): The benthic community of the mangrove-fringed Segara Anakan Lagoon, Java, Indonesia (7 pp). SPICE workshop, University UNSOED, Purwokerto, Java, Indonesia.
2007	Wefering, F.; Meyer Wefering, D.; Krain, E. ; Ekau, W. ; Krause, G. ; Galdies, C. (2007): Evaluation des Integrierten Küstenzonenmanagements in Europa, Informationen zur Raumentwicklung 5, 307-311
2007	Westhaus-Ekau, P. (2007): The Sino-German master programme in marine sciences. DAAD China Info I, 8.
2007	Westhaus-Ekau, P. (2007): Auf nach China. Jahrbuch der Universität Bremen 2007, 104-105.

Monographs, Serials (Editorship)

Biogeochemistry

2007	Yuwono, E.; Jennerjahn, T. ; Sastranegara, M. H.; Sukardi, P. (Eds.) (2007): Synopsis of ecological and socio-economic aspects of tropical coastal ecosystem with special reference to Segara Anakan. Conference Proceedings, Research Institute, Jenderal Soedirman University, Purwokerto
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