

Curriculum vitae Bernhard Mayer

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Education and work:	1991 1995 1995-1998 1998-2006 2006-now	Diploma in oceanography at University of Hamburg PhD in geo sciences at University of Hamburg Scientist at Institute of Oceanography of the University of Hamburg (IfM), different national and international projects, main subject: Lagrangian modelling of the fate of suspended particulate matter Work in private companies: IT section, programming, customer service, project management Scientist at IfM again for different international projects, main subject: numerical modelling of hydrodynamics and of POPs fate and transport (POPs: persistent organic pollutants).	
Selected literature:	Mayer B., T. Pohlmann, 2011: Simulation of organic pollutants: first step towards an adaptation to the Malacca Strait. Accepted for: The Siak, a blackwater river in Sumatra, Indonesia. Springer, Berlin, Germany. Mayer B., P. E. Damm, 2011: The Makassar Strait throughflow and its jet. submitted to JGR Mayer, B., P. Damm, T. Pohlmann, S. Rizal, 2010: What is driving the ITF? An illumination of the Indonesian through-flow with a numerical nested model system, Dynamics of Atmosphere and Oceans 50 (2010) 301-312. doi:10.1016/j.dynatmoce.2010.03.002 Mayer, B., P. Damm, T. Pohlmann, S. Rizal, 2010: Numerical Simulation of the Indonesian Throughflow and the Makassar Jet. Proceedings of the Pacific Congress on Marine Science and Technology 2010, University of Hawaii, USA. Dick, S., U. Brockmann, J. van Beusekom, B. Fabiszisky, M. George, U. Hentschke, K.-J. Hesse, B. Mayer, Th. Nitz, Th. Pohlmann, K. Poemba, K. Schaumann, W. Schoenfeld, A. Starke, U. Tillmann, G. Weide, 1999: Exchange of matter and energy between the Wadden Sea and the coastal waters of the German Bight - Estimations based on numerical simulations and field measurements. German Journal of Hydrography, 51 (2/3), 181-219. Puls, W., H. Heinrich, B. Mayer, 1997: Suspended particulate matter budget for the German Bight. Mar. Poll. Bul., 34 (6), 398-409. doi:10.1016/S0025-326X(96)00161-0 Puls, W., J. van Beusekom, U. Brockmann, R. Doerffer, U. Hentschke, P. Koenig, D. Murphy, B. Mayer, A. Mueller, Th. Pohlmann, A. Reimer, R. Schmidt-Nia, J. Suendermann, 1999: SPM concentrations in the German Bight: comparison between a model simulation and measurements. German Journal of Hydrography, 51 (2/3), 221-244. Pohlmann, Th., Th. Raabe, R. Doerffer, S. Beddig, U. Brockmann, S. Dick, M. Engel, K.-J. Hesse, P. Koenig, B. Mayer, A. Moll, D. Murphy, W. Puls, H.-J. Rick, R. Schmidt-Nia, W. Schoenfeld, 1999: Combined analysis of field and model data: A case study of the phosphate dynamics in the German Bight in summer 1994. German Journal of Hydrography, 51 (2/3), 331-353.		

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