



Bernhard Westrich, Universität Stuttgart, Germany; Ulrich Förstner, TU Hamburg-Harburg, Hamburg, Germany (Eds.)

Sediment Dynamics and Pollutant Mobility in Rivers

An Interdisciplinary Approach

This is the first interdisciplinary book on the mobilization of nutrients and pollutants in the water phase due to hydrodynamic processes. In its ten chapters, a broad set of practical process knowledge is presented, comprising simulation techniques, laboratory and in-situ studies on the interaction between biological, chemical and hydrodynamic factors as well as models, for solving combined quality and quantity problems of riverine sediments both on local and river basin scales. These papers result from an International Symposium on Sediment Dynamics and Pollutant Mobility in River Basins, held in Hamburg, March 26 to 29, 2006.

Contents: Introduction.- Managing River Sediments.- Hydrodynamics.- Transport Modelling.- Catchment Modelling.- Sediment/Water Interactions.- Transport Indicators.- Fine Sediment Particles.- Microbial Effects.- Sediment Toxicity Data.

2007 Approx. 700 p. Hardcover
Environmental Science and Engineering

► € 169.95 | £ 130.50 |

ISBN: 978-3-540-34782-8

forthcoming

_____ copies Westrich (Eds), Sediment Dynamics and Pollutant Mobility in Rivers
(Environ. Sc.)

ISBN: 978-3-540-34782-8 ► € 169.95 | £ 130.50

Please bill me

Please charge my credit card: Eurocard/Access/Mastercard Visa/Barclaycard/Bank/Americard AmericanExpress

Number

Valid until

Springer
Distribution Center
Haberstr. 7
69126 Heidelberg
Deutschland

Fax: +49 (0)6221 / 345 4229
email: SDC-bookorder@springer.com