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**Bioavailability of polycyclic aromatic hydrocarbons in sediments : experiments and modelling**

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## Publications

### Papers in scientific journals

- Haftka JJH, Govers HAJ, Parsons JR. 2009. Influence of temperature and origin of dissolved organic matter on the partitioning behaviour of polycyclic aromatic hydrocarbons. *Environmental Science and Pollution Research*. Submitted.
- Haftka JJH, Parsons JR, Govers HAJ. 2009. Molecular simulation of polycyclic aromatic hydrocarbon sorption to black carbon. *SAR and QSAR in Environmental Research* 20 (3-4): 221-240.
- Haftka JJH, Parsons JR, Govers HAJ, and Ortega-Calvo J-J. 2008. Enhanced kinetics of solid-phase microextraction and biodegradation of polycyclic aromatic hydrocarbons in the presence of dissolved organic matter. *Environmental Toxicology and Chemistry* 27 (7): 1526-1532.
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- Cornelissen G, Haftka J, Parsons J, Gustafsson, Ö. 2005. Sorption to black carbon of organic compounds with varying polarity and planarity. *Environmental Science and Technology* 39 (10): 3688-3694.
- Morris S, Allchin CR, Zegers BN, Haftka JJH, Boon JP, Belpaire C, Leonards PEG, Van Leeuwen SPJ, De Boer J. 2004. Distribution and fate of HBCD and TBBPA brominated flame retardants in North Sea estuaries and aquatic food webs. *Environmental Science and Technology* 38 (21): 5497-5504.
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### Non-refereed literature

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- Akkanen J, Haftka JJH, Parsons JR, Kukkonen, JVK. 2005. The pool of dissolved natural organic matter in the environment: How do we define it? In: Meriläinen P, Sivula L and Oikari A (eds.). *Proceedings of the Seventh Finnish Conference of Environmental Sciences*. Kopijyvä Oy, Jyväskylä, Finland, p. 76-79.
- Haftka JJH, Parsons JR, Stoffers S, Serné P. 2005. Determination of DOC-water partition coefficients using disposable SPME fibres. In: *Organohalogen Compounds, Abstracts Dioxin 2005/ISPAC 20*, 21-26 August 2005, Toronto, vol. 67, p. 2705-2707.