

## Publikationen unter Beteiligung von Mitgliedern des AK Umweltmonitoring zum Themenfeld „Gewässermonitoring / Wasserrahmenrichtlinie“

- 2017** Hägerbäumer A; Höss S; Ristau K; Claus E; Heininger P; Traunspurger W (2017):  
The use of meiofauna in freshwater sediment assessments: Structural and functional responses of meiobenthic communities to metal and organics contamination.  
Ecological indicators 78: 512–525

[Weblink](#)

<https://www.researchgate.net/publication/315768129> The use of meiofauna in freshwater sediment assessments Structural and functional responses of meiobenthic communities to metal and organics contamination

- 2017** Höss S; Heininger P; Claus E; Möhlenkamp C; Brinke M; Traunspurger W (2017):  
Validating the NemaSPEAR[%]-index for assessing sediment quality regarding chemical-induced effects on benthic communities in rivers.  
Ecological indicators 73: 52-60

[Weblink: https://www.deepdyve.com/lp/elsevier/validating-the-nemaspear-index-for-assessing-sediment-quality-IH04ow9lOx](https://www.deepdyve.com/lp/elsevier/validating-the-nemaspear-index-for-assessing-sediment-quality-IH04ow9lOx)

- 2017** Kotthoff M; Rüdél H; Jürling H (2017) Detection of tetrabromobisphenol A and its mono- and dimethyl derivatives in fish, sediment and suspended particulate matter from European freshwaters and estuaries. Anal Bioanal Chem 409: 3685-3694

Link: <https://link.springer.com/article/10.1007%2Fs00216-017-0312-z>

- 2016** Brack W; Dulio V; Ågerstrand M; Allan I; Altenburger R; Brinkmann M; Bunke D; Burgess RM; Cousins I; Escher BI; Hernández FJ; Hewitt LM; Hilscherová K; Hollender J; Hollert H; Kase R; Klauer B; Lindim C; Herráez DL; Miège C; Munthe J; O'Toole S; Posthuma L; Rüdél H; Schäfer RB; Sengl M; Smedes F; van de Meent D; van den Brink PJ; van Gils J; van Wezel AP; Vethaak AD; Vermeirssen E; von der Ohe PC; Vrana B (2016):  
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Link <https://www.sciencedirect.com/science/article/pii/S0048969716322860>

- 2016** Fliedner A; Rüdél H; Teubner D; Buchmeier G; Lowis J; Heiss C; Wellnitz J; Koschorreck J (2016):  
Biota monitoring and the Water Framework Directive - can normalization overcome shortcomings in sampling strategies?  
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- 2016** Fliedner A; Lohmann N; Rüdél H; Teubner D; Wellnitz J; Koschorreck J (2016):  
Current levels and trends of selected EU Water Framework Directive priority substances in freshwater fish from the German environmental specimen bank.  
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- 2016** Hägerbäumer A; Höss S; Ristau K; Claus E; Möhlenkamp C; Heininger P; Traunspurger W (2016): A comparative approach using ecotoxicological methods from single-species bioassays to model ecosystems.  
Environmental Toxicology and Chemistry 35: 2987–2997
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- Weblink: <http://onlinelibrary.wiley.com/doi/10.1002/etc.2103/epdf>
- 2016** Rüdél H; Flidner A; Schwarzbauer J; Wluka, A (2016):  
Development of cornerstones for a monitoring programme for the assessment of biocide emissions into the environment (FKZ 3712 67 403).  
Fraunhofer-Institut für Molekularbiologie und Angewandte Ökologie, Schmallenberg, und EMR Energy & Mineral Resources Group, RWTH Aachen, im Auftrag des Umweltbundesamtes, Dessau-Roßlau. 326 S.
- weblink:  
[https://www.umweltbundesamt.de/sites/default/files/medien/1410/publikationen/2017-03-28\\_texte\\_24-2017\\_biocide-emissions.pdf](https://www.umweltbundesamt.de/sites/default/files/medien/1410/publikationen/2017-03-28_texte_24-2017_biocide-emissions.pdf)
- 2016** Wluka A K; Rüdél H; Pohl K; Schwarzbauer J (2016):  
Analytical method development for the determination of eight biocides in various environmental compartments and application for monitoring purposes.  
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- <https://link.springer.com/article/10.1007%2Fs11356-016-7296-7>
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- 2015** Claus E; Kasimir P; John HJ; Möhlenkamp C; Becker B; Hillebrand G; Heininger P (2015):  
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- 2015** Rüdél H; Díaz Muñoz C; Garelick H; Kandile N G; Miller B W; Pantoja Munoz L; Peijnenburg W J; Purchase D; Shevah Y; van Sprang P; Vijver M; Vink J P (2015): Consideration of the bioavailability of metal/metalloid species in freshwaters: experiences regarding the implementation of biotic ligand model-based approaches in risk assessment frameworks. *Environ Sci Pollut Res Int* 22: 7405-7421.
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