

Publikationen unter Beteiligung von Mitgliedern des AK Umweltmonitoring zum Themenfeld „Umweltmonitoring und Stoffbewertung“

- 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-IH04ow9l0x>

- 2017** Kotthoff M; Rüdell H; Jüriling 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>

- 2017** Rhiem S; Guhl B (2017): Einsatz von modellierten Daten bei der Anwendung von Stoff-priorisierungsverfahren. GDCh Mitt Umweltchem Ökotox. 23.2: 47-49.

https://www.gdch.de/fileadmin/downloads/Netzwerk_und_Strukturen/Fachgruppen/Umweltchemie_OEkotoxikologie/mblatt/2017/b4h217.pdf

- 2016** Fliedner A; Lohmann N; Rüdell H; Teubner D; Wellmütz 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.
Environ Pollut 216, 866-876

weblink: <http://www.sciencedirect.com/science/article/pii/S0269749116305486>

- 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

Weblink:

<https://www.researchgate.net/publication/302271122> A comparative approach using ecotoxicological methods from single-species bioassays to model ecosystems

- 2016** Rhiem S; Guhl, B (2016):
Anwendung von Stoffpriorisierungsverfahren für Oberflächengewässer - Datenrecherche und Einsatz modellierter Daten.
LANUV-Fachbericht 72. Landesamt für Natur, Umwelt und Verbraucherschutz Nordrhein-Westfalen. Recklinghausen. 84 S.

https://www.lanuv.nrw.de/landesamt/veroeffentlichungen/publikationen/fachberichte/?tx_cart_product%5Bproduct%5D=27&cHash=5fc59ca5d0c493ade3af3e840c0dc4e1
- 2016** Rüdél H; Fliedner 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
- 2015** Koschorreck J; Heiss C; Wellnitz J; Fliedner A; Rüdél H (2015)
The use of monitoring data in EU chemicals management - experiences and considerations from the German environmental specimen bank.
Environ Sci Pollut Res 22: 1597-1611

<http://link.springer.com/article/10.1007%2Fs11356-014-2897-5>
- 2015** Paulus M; Teubner D; Rüdél H; Klein R (2015):
Bioaccumulation and long-term monitoring in freshwater ecosystems - Knowledge gained from 20 years of zebra mussel analysis by the German Environmental Specimen Bank.
In: Amon R; Hänninen O (Hrsg): Environmental Indicators. Springer, Science + Business Media, Dordrecht: 781-803

weblink: https://link.springer.com/chapter/10.1007%2F978-94-017-9499-2_44
- 2015** Pohl P; Dulio V; Botta F; Schwarzbauer J; Rüdél H (2015)
Environmental monitoring of biocides in Europe - compartment-specific strategies.
Workshop Report (June 25-26, 2015 in Berlin). Sub-report (Annex 8) on project (FKZ) 3712 67 403 "Development of cornerstones for a monitoring programme for the assessment of biocide emissions into the environment" on behalf of German Environment Agency (Umweltbundesamt), Dessau-Rosslau, Germany.

www.norman-network.net/?q=node/202
- 2015** Schäfer S; Buchmeier G; Claus E; Duester L; Heining P; Körner A; Mayer P; Paschke A; Rauert C; Reifferscheid G; Rüdél H; Schlechtriem C; Schudoma D; Schröter-Kermani C; Smedes F; Steffen D; Vietoris F (2015):
Bioaccumulation in aquatic systems: methodological approaches, monitoring and assessment.
Environmental Sciences Europe 27:5

Weblink: <https://enveurope.springeropen.com/articles/10.1186/s12302-014-0036-z>

2015 Schäfer S; Antoni C; Möhlenkamp C; Claus E; Reifferscheid G; Heininger P; Mayer P (2015):
Equilibrium sampling of polychlorinated biphenyls in River Elbe sediments – linking
bioaccumulation in fish to sediment contamination.
Chemosphere 138: 856-862.

[Weblink: http://orbit.dtu.dk/files/115127910/Equilibrium_sampling.pdf](http://orbit.dtu.dk/files/115127910/Equilibrium_sampling.pdf)

2015 Teubner D; Paulus M; Veith M; Klein R (2015):
Biometric parameters of the bream (*Abramis brama*) as indicators for long-term changes in fish
health and environmental quality – Data from the German ESB.
Environ Sci Pollut Res 22: 1620–1627

[weblink: https://link.springer.com/article/10.1007%2Fs11356-014-3008-3](https://link.springer.com/article/10.1007%2Fs11356-014-3008-3)

2014 Fliedner A; Rüdell H; Knopf B; Weinfurtner K; Paulus M; Ricking M; Koschorreck J (2014):
Spatial and temporal trends of metals and arsenic in German freshwater compartments.
Environ Sci Pollut Res 21: 5521–5536.

[weblink: http://link.springer.com/article/10.1007%2Fs11356-013-2487-y](http://link.springer.com/article/10.1007%2Fs11356-013-2487-y)

2014 Guhl B; Stürenberg FJ; Santora G (2014):
Contaminant levels in the European eel (*Anguilla anguilla*) in North Rhine-Westphalian rivers.
Environmental Sciences Europe 26.1: 26.

<https://enveurope.springeropen.com/articles/10.1186/s12302-014-0026-1>

2014 Illguth S; Guhl B. (2014):
Priorisierung und Risikobewertung von Spurenstoffen mit potenzieller Relevanz für nordrhein-
westfälische Gewässer.
LANUV-Fachbericht 57. Landesamt für Natur, Umwelt und Verbraucherschutz Nordrhein-
Westfalen. Recklinghausen. 100 S.

https://www.lanuv.nrw.de/landesamt/veroeffentlichungen/publikationen/fachberichte/?tx_cart_product%5Bproduct%5D=221&cHash=78f7ea992023cb260db4b3a6c0268268

2013 Hillebrand G; Claus E; Schwandt D (2013):
Untersuchungen zur Remobilisierung von belasteten Sedimentablagerungen.
Vom Wasser 111: 146

Kein Link

2013 Rüdell H; Böhmer W; Müller M; Fliedner A; Ricking M; Teubner D; Schröter-Kermani C (2013):
Retrospective study of triclosan and methyl-triclosan residues in fish and suspended particulate
matter: results from the German Environmental Specimen Bank.
Chemosphere 91(11): 1517-1524

[weblink: http://www.sciencedirect.com/science/article/pii/S0045653512015317](http://www.sciencedirect.com/science/article/pii/S0045653512015317)

2013 Jäger S; Dulio V; Schwarzbauer J; Slobodnik J; Rüdell H (2013)
Environmental monitoring of biocides in Europe - from prioritisation to measurements.

Report on the workshop organized by NORMAN and Umweltbundesamt on November 5–6, 2012 in Berlin. NORMAN and Umweltbundesamt, January 2013

http://www.norman-network.net/sites/default/files/files/Events/2012/2012Nov5-6-Berlin-EnvironmMonitoringOfBiocides/final_report_workshop_biocide_monitoring_10012013.pdf

- 2013** Kördel W; Garelick H; Gawlik B M; Kandile N G; Peijnenburg W J; Rüdell H (2013)
Substance-related environmental monitoring strategies regarding soil, groundwater and surface water - an overview.
Environ Sci Pollut Res 20, 2810-2827

<http://link.springer.com/article/10.1007/s11356-013-1531-2>