

Publikationen unter Beteiligung von Mitgliedern des AK Umweltmonitoring zum Themenfeld „Umweltanalytik - neue Stoffe, neue Methoden“

- 2017** Kotthoff M; Rüdell H; Jüring 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** Wesch C; Elert A M; Wörner M; Braun U; Klein R; Paulus M (2017)
Assuring quality in microplastic monitoring: About the value of clean-air devices as essentials for verified data.
Nat Sci Rep 7, 5424: 1-8

weblink: <https://www.nature.com/articles/s41598-017-05838-4.epdf>
- 2016** Fischer F; Böhm L; Höss S; Möhlenkamp C; Claus E; Düring RA, Schäfer S (2016)
Passive dosing in chronic toxicity tests with the nematode *Caenorhabditis elegans*.
Environmental Science and Technology 50: 9708-9716

Weblink: <http://pubs.acs.org/doi/pdf/10.1021/acs.est.6b02956>
- 2016** Rüdell 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
- 2016** Teubner D; Wesslein A-K; Rønne P B; Veith M; Frings C; Paulus M (2016):
Is a visuo-haptic differentiation of zebra mussel and quagga mussel based on a single external morphometric shell character possible?
Aquat Invasions 11: 145-154

weblink: http://www.aquaticinvasions.net/2016/AI_2016_Teubner_etal.pdf
- 2016** Wesch C; Bredimus K; Paulus M; Klein R (2016):
Towards the suitable monitoring of ingestion of microplastics by marine biota: A review.
Environ Pollut 218: 1200-1208

weblink: <http://www.sciencedirect.com/science/article/pii/S0269749116310326?via%3Dihub>
- 2016** Wesch C; Barthel A-K; Braun U; Klein R; Paulus M. (2016):
No microplastics in benthic eelpout (*Zoarces viviparus*): An urgent need for spectroscopic analyses in microplastic detection.
Environ Res 148: 36-38

[weblink: http://www.sciencedirect.com/science/article/pii/S0013935116300986?via%3Dihub](http://www.sciencedirect.com/science/article/pii/S0013935116300986?via%3Dihub)

- 2016** Wesch C; Klein R; Paulus M (2016):
Quality Assurance in Microplastic Detection.
In: Baztan J; Jorgensen B; Pahl S; Thompson R; Vanderlinden J P (Hrsg): MICRO 2016 - Fate and Impact of Microplastics in Marine Ecosystems. From the Coastline to the Open Sea. Elsevier: p. 95

[weblink: https://www.elsevier.com/books/micro-2016-fate-and-impact-of-microplastics-in-marine-ecosystems/baztan/978-0-12-812271-6](https://www.elsevier.com/books/micro-2016-fate-and-impact-of-microplastics-in-marine-ecosystems/baztan/978-0-12-812271-6)

- 2016** Wluka A K; Rüdell H; Pohl K; Schwarzbauer J (2016)
Analytical method development for the determination of eight biocides in various environmental compartments and application for monitoring purposes.
Environ Sci Pollut Res 23: 21894-21907

<https://link.springer.com/article/10.1007%2Fs11356-016-7296-7>

- 2015** Becker B; Duffek A; Lepom P; Paschke A; Möhlenkamp C; Claus E; Schäfer S (2015):
Anwendung von Passivsammlern für das Monitoring hydrophober organischer Schadstoffe in Flüssen.
Mitt Umweltchem Ökotox 2: 49-51.

[Weblink:](#)

https://www.gdch.de/fileadmin/downloads/Netzwerk_und_Strukturen/Fachgruppen/Umweltchemie_OEkotoxikologie/mblatt/2015/heft215.pdf

- 2015** Pohl P; Dulio V; Botta F; Schwarzbauer J; Rüdell 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; 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)

- 2014** Paulus M; Teubner D; Hochkirch A; Veith M (2014):
Journey into the past: Using cryogenically stored samples to reconstruct the invasion history of the quagga mussel (*Dreissena rostriformis*) in German river systems.
Biol Invasions 16 (12): 2591-2597

[weblink: http://link.springer.com/article/10.1007/s10530-014-0689-y](http://link.springer.com/article/10.1007/s10530-014-0689-y)

- 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** Kinitz T; Quack M; Paulus M; Veith M; Bergek S; Strand J; Tuvikene A; Soirinsuo A; Hochkirch A (2013):
Strong isolation-by-distance in the absence of genetic population structure in the eelpout (*Zoarces viviparus*, Linnaeus 1758).
Ecol Indic 27: 116-122

[weblink: http://dx.doi.org/10.1016/j.ecolind.2012.12.001](http://dx.doi.org/10.1016/j.ecolind.2012.12.001)

- 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>