



Workshop programme

Day 1 November 5, 2012

- 09:00 - 09:30 **Registration / coffee**
- 09:30 **Introduction**
Chair: Klaus G. Steinhäuser, Umweltbundesamt, Dessau-Rosslau (DE)
- 09:30 - 09:40 Welcome address by a representative of Umweltbundesamt, Dessau-Rosslau (DE)
- 09:40 - 09:55 Why is a biocide monitoring necessary? // Silke Müller-Knoche, Stefanie Jäger, Ingrid Nöh, Umweltbundesamt, Dessau-Rosslau (DE)
- 09:55 - 10:10 The NORMAN network - Gathering information on occurrence and environmental effects of emerging substances // Valeria Dulio, NORMAN, Verneuil-en-Halatte (FR)
- 10:10 **Session I - General aspects of (biocide) monitoring**
Chair: Klaus G. Steinhäuser, Umweltbundesamt, Dessau-Rosslau (DE)
- 10:10 - 10:35 European Environmental Specimen Banks // Jan Koschorreck, Umweltbundesamt, Berlin (DE)
- 10:35 - 11:00 (Biocide) monitoring in European legislation - The WFD example // Bernd M. Gawlik, European Commission, Joint Research Centre, Ispra (I)
- 11:00 - 11:25 Survey of biocide monitoring data in Germany // Burkhard Knopf, Fraunhofer IME, Schmalleberg (DE), Stefanie Jäger, Stefanie Wieck, Silke Müller-Knoche, Ingrid Nöh, Umweltbundesamt, Dessau-Rosslau (DE)
- 11:25 - 11:50 Proposal for the prioritisation of biocides for environmental monitoring // Heinz Rüdell, Fraunhofer IME, Schmalleberg (DE), Stefanie Jäger, Stefanie Wieck, Silke Müller-Knoche, Ingrid Nöh, Umweltbundesamt, Dessau-Rosslau (DE)
- 11:50 - 13:30 **lunch break and poster session**
- 13:30 **Session II - biocide monitoring in surface waters**
Chair: Petra Greiner, Umweltbundesamt, Dessau-Rosslau (DE)
- 13:30 - 13:50 Antifouling biocides in German coastal and inland waters - How reliable are exposure prognoses of EU emission scenario models for marinas? Burkard T. Watermann, LimnoMar, Hamburg (DE), Michael Feibicke Umweltbundesamt, Berlin-Marienfelde (DE)
- 13:50 - 14:10 Monitoring of selected biocides - experiences from Bavaria // Manfred Sengl, Bavarian Environment Agency (LfU), Munich (DE)
- 14:10 - 14:30 Status of biocide monitoring in Germany - report from Bundesland NN // NN, to be confirmed
- 14:30 - 14:50 Biocide monitoring in Switzerland // Nicole Munz, Federal Office for the Environment (BAFU), Bern (CH)
- 14:50 - 15:10 Status of biocide monitoring in France // NN, INERIS, Verneuil-en-Halatte (FR) - to be confirmed
- 15:10 - 15:40 **coffee break and poster session**
- 15:40 **Session III - biocide monitoring in soils, urban environments and biota**
Chair: Ingrid Nöh, Umweltbundesamt, Dessau-Rosslau
- 15:40 - 16:00 Biocides in Facades - State of Knowledge // Michael Burkhardt, HSR Rapperswil (CH), et al.
- 16:00 - 16:20 Monitoring of biocides from urban sources // Irene Wittmer et al., EAWAG, Dübendorf (CH)
- 16:20 - 16:40 The occurrence of second generation anti-coagulant rodenticides in non-target raptor species in Norway // Katherine H. Langford, Malcolm Reid, Kevin V. Thomas, NIVA, Oslo (NO)



- 16:40 - 17:00 Rodenticides in non-target biota in Germany // Alexandra Esther, Julius Kühn-Institut, Münster (DE), Erik Schmolz, Umweltbundesamt, Berlin (DE)
- 17:00 - 17:20 **General discussion and summary of day 1**
- 19:30 Workshop dinner (the location will be announced during the workshop)

Day 2 November 6, 2012

- 09:00 **Session IV - Introduction to break-out groups**
Chair: Valeria Dulio, NORMAN, Verneuil-en-Halatte (FR)
- 09:00 - 09:20 Prioritisation of biocides for environmental monitoring in Switzerland // Nicole Munz, Federal Office for the Environment (BAFU), Bern (CH), Irene Wittmer, EAWAG, Dübendorf (CH)
- 09:20 - 09:40 Analytical challenges for the analysis of biocides in aqueous and solid environmental matrices // Arne Wick, German Federal Institute of Hydrology BfG, Koblenz (DE)
- 09:40 - 10:00 Data bases and exchange of monitoring data - experiences from NORMAN // Jaroslav Slobodnik, Environmental Institute, Kos (SK)
- 10:00 - 10:30 **coffee break and poster session**
- 10:30 - 12:00 **Parallel break-out groups**
(A) Prioritisation of biocides for monitoring // facilitator/rapporteur: Bernd M. Gawlik, European Commission, Joint Research Centre, Ispra (I), and Heinz Rüdell, Fraunhofer IME, Schmallenberg (DE)
(B) Practical aspects of sampling and analysis // facilitator/rapporteur: Peter Lepom, Umweltbundesamt, Berlin (DE), and Jan Schwarzbauer, GGCP RWTH, Aachen (DE)
(C) Data bases and exchange of monitoring data // facilitator/rapporteur: Jaroslav Slobodnik, Environmental Institute, Kos (SK), and NN
- 12:00 - 13:30 **lunch break and poster session**
- 13:00 - 14:00 **Reports from break-out groups in the plenary and discussion**
Chair: Heinz Rüdell, Fraunhofer IME, Schmallenberg (DE), Stefanie Jäger, Umweltbundesamt, Dessau-Rosslau (DE)
- 14:00 - 14:30 **Conclusions and closure of the workshop**
NN

Poster

The workshop is open for poster presentations (size A0, portrait layout). Contributions on biocide exposure, monitoring and prioritisation are welcome. Please submit a one-page abstract by e-mail to Heinz Rüdell (heinz.ruedel@ime.fraunhofer.de). Abstracts will be provided as hand-out.

Venue: Vertretung des Saarlandes, In den Ministergärten 4, 10117 Berlin

Metro (U-Bahn), urban rail (S-Bahn) and buses stop at Potsdamer Platz and Brandenburger Tor, both about 5 min walking from the workshop venue.

Organising committee

Heinz Rüdell, Fraunhofer IME, Schmallenberg
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Stefanie Jäger, Umweltbundesamt, Dessau-Rosslau
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Environmental monitoring of biocides in Europe - from prioritisation to measurements

November 5-6, 2012 in Berlin

Workshop registration form

To be returned by email or fax to:

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First name and Family name	
Company/Institute	
Address	
City	
Postal code	
Country	
e-mail	
Phone	
Participation in working group on day 2	(A) Prioritisation of biocides for monitoring () (B) Practical aspects of sampling and analysis () (C) Data bases and exchange of monitoring data () (please mark your choice with an X)
I am presenting a poster (see instructions above)	YES () (please mark your choice with an X) NO ()
Workshop dinner (about 25 € excl. drinks, to be paid at the reception desk)	I participate in the workshop dinner YES () (please mark your choice with an X) NO ()
Date, signature	

There is no fee due for the workshop. Participants are responsible for their accommodation. A limited number of rooms is available until October 5, 2012 at a single room rate of 80 € per night incl. breakfast (double room 89 €) at: Amano Hotel, Auguststraße 43, 10119 Berlin, near metro Rosenthaler Platz, phone +49 30 80 94 15 0, booking code biocide (www.amanogroup.de/en/hotels/amano/).