

Workshop programme

Day 1 25.06.2015

09:00 - 09:30	Registration / coffee
09:30	Introduction Chair: Jutta Klasen, Umweltbundesamt, Dessau-Rosslau (DE)
09:30 - 09:45	Welcome address by Eva Dressler, Federal Ministry for the Environment, Nature Conservation, Building and Nuclear Safety (BMUB), Bonn/Berlin (DE)
09:45 - 10:05	The NORMAN network - Special view on biocides as emerging substances // Valeria Dulio et al., NORMAN, Verneuil-en-Halatte (FR)
10:05 - 10:35	Keynote presentation Biocide monitoring in Swiss surface waters // Juliane Hollender, EAWAG, Dübendorf (CH)
10:35 - 11:05	Coffee break
11:05	Session I - General aspects of (biocide) monitoring Chair: Jutta Klasen, Umweltbundesamt, Dessau-Rosslau (DE)
11:05 - 11:25	Results from the prioritisation of biocides for environmental monitoring in Germany // Heinz Rüdell, Fraunhofer IME, Schmallenberg (DE), Katja Michaelis et al., Umweltbundesamt, Dessau-Rosslau (DE)
11:25 - 11:45	Prioritisation of biocides from the perspective of the drinking water supply // Frank Sacher et al., DVGW-Technologiezentrum Wasser, Karlsruhe (DE)
11:45 - 12:05	Discussion (immediate discussion 2 min after each presentation)
12:05 - 13:30	Lunch break and poster session
13:30	Session II - biocide monitoring in urban environments (indirect release via wastewater treatment plant) Chair: Petra Greiner, Umweltbundesamt, Dessau-Rosslau (DE)
13:30 - 13:50	Fate of Triclosan and azole fungicides during wastewater treatment // Ann-Kathrin Wluka, Jan Schwarzbauer, EMR RWTH, Aachen (DE)
13:50 - 14:10	Occurrence, elimination, and risk of anticoagulant rodenticides during wastewater treatment // Silvia Lacorte et al., Department of Environmental Chemistry, IDAEA-CSIC, Barcelona (ES)
14:10 - 14:30	Discussion (immediate discussion 2 min after each presentation)
14:30	Session III - biocide monitoring in urban environments (direct release or via stormwater) Chair: Ingrid Nöh, Umweltbundesamt, Dessau-Rosslau
14:30 - 14:50	Benzalkonium runoff from roofs treated with biocide products // Marie-Christine Gromaire, Antoine Van de Voorde, Catherine Lorgeoux, Ghassan Chebbo, Laboratoire Eau, Environnement et Systèmes Urbains (Leesu), Marne la Vallée (FR)
14:50 - 15:10	Biocides in urban stormwater - catchment-specific differences and city-wide loads // Daniel Wicke, Andreas Matzinger, Pascale Rouault, Kompetenzzentrum Wasser, Berlin (DE)
15:10 - 15:40	Coffee break and poster session
15:40 - 16:00	Dynamics of biocide emissions from buildings in a suburban stormwater catchment // Ulla Bollmann, Kai Bester, Aarhus University, Department of Environmental Science, Roskilde (DK)
16:00 - 16:20	Antifouling biocides in German marinas - Studies to support exposure prognoses for risk assessment // Michael Feibicke, Umweltbundesamt, Dessau-Rosslau (DE), Burkard Watermann, LimnoMar, Hamburg (DE)
16:20 - 16:40	Discussion (immediate discussion 2 min after each presentation)
16:40 - 16:50	Summary of day 1
19:30	Workshop dinner (the location will be announced during the workshop)

Day 2 26.06.2015

- 09:00 **Session IV - biocide monitoring in the terrestrial environment**
Chair: Valeria Dulio, NORMAN, Verneuil-en-Halatte (FR)
- 09:00 - 09:20 Anticoagulant rodenticides in non-target biota in Germany // Anke Geduhn, Jens Jacob, Alexandra Esther, Detlef Schenke, Julius Kühn-Institut, Münster (DE), Erik Schmolz, Umweltbundesamt, Berlin (DE)
- 09:20 - 09:40 The occurrence of second generation anticoagulant rodenticides in non-target raptor species in Norway // Katherine H. Langford, Malcolm Reid, Kevin V. Thomas, Norwegian Institute for Water Research (NIVA), Oslo (NO)
- 09:40 - 10:00 **Discussion (immediate discussion 2 min after each presentation)**
- 10:00 **Introduction to break-out groups**
- 10:00 - 10:20 How to implement a compartment specific biocide monitoring under consideration of existing monitoring programmes // Heinz Rüdell, Fraunhofer IME, Schmallenberg (DE), Katja Michaelis et al., Umweltbundesamt, Dessau-Rosslau (DE)
- 10:20 - 10:50 **Coffee break and poster session**
- 10:50 - 12:30 **Parallel break-out groups (topics are based on previous sessions)**
- (A) Monitoring of biocides in urban environments (indirect release via wastewater treatment) // facilitator/rapporteur: Manfred Sengl, LfU Bayern, Augsburg (DE) and Jan Schwarzbauer, EMR RWTH, Aachen (DE)
- (B) Monitoring of biocides in urban environments (direct release or via storm-water) // facilitator/rapporteur: Kai Bester, Aarhus University, Department of Environmental Science, Roskilde (DK) and Fabrizio Botta, INERIS, Verneuil-en-Halatte (FR)
- (C) Monitoring of biocides in the terrestrial environment (incl. ground water) // facilitator/rapporteur: Valeria Dulio, NORMAN, Verneuil-en-Halatte (FR) and Heinz Rüdell, Fraunhofer IME, Schmallenberg (DE)
- 12:30 - 13:30 **Lunch break and poster session**
- 13:30 - 14:00 **Reports from break-out groups in the plenary and discussion**
Chair: Heinz Rüdell, Fraunhofer IME, Schmallenberg (DE)
- 14:00 - 14:30 **Conclusions and closure of the workshop**
Petra Greiner, Umweltbundesamt, Dessau-Rosslau (DE)

Poster

The workshop is open for poster presentations (size A0, portrait layout). Contributions on all aspects of biocide monitoring are welcome. Please submit a one-page abstract to Heinz Rüdell (heinz.ruedel@ime.fraunhofer.de) till June 15, 2015. Abstracts will be provided as hand-out.

Venue: Landesvertretung Sachsen-Anhalt, Luisenstraße 18, 10117 Berlin-Mitte

From main station (Hauptbahnhof) take bus "147" direction "S Ostbahnhof" (6 min) or from airport Berlin-Tegel express bus "TXL" direction "S+U Alexanderplatz" (25 min) to stop "Karlsplatz", then walk through Charitestraße to Luisenstraße (about 3 min).

Scientific and organising committee

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Environmental monitoring of biocides in Europe - compartment-specific strategies

25. / 26. June 2015 at Landesvertretung Sachsen-Anhalt, Luisenstraße 18, 10117 Berlin-Mitte, Germany

Workshop registration form

Completed form to be returned by email or fax to:

Heinz Rüdel, Fraunhofer IME, Auf dem Aberg 1, 57392 Schmallenberg / Germany



e-mail heinz.ruedel@ime.fraunhofer.de; phone +49 2972 302 301 ; fax +49 2972 302 319

Registration form table with fields: First name and Family name, Company/Institute, Address, City, Postal code, Country, e-mail, Phone, Participation in break-out group on day 2, I am presenting a poster, Workshop dinner, Date, signature.

Deadline for registration for the workshop is June 15, 2015 (as long as capacity is available). There is no fee due for the workshop.

Participants are responsible for their accommodation. A limited number of rooms is available until May 27, 2015 at a single room rate of 69 € per night (double room 84 € breakfast 9.50 € per person) at: Hotel Motel One, Invalidenstraße 54, 10557 Berlin-Mitte (near Hauptbahnhof). Please use the accompanying form (Allotment „biocides workshop“) for the hotel reservation.