



25<sup>th</sup> International Akademie Fresenius AGRO Conference

# Behaviour of Pesticides in Air, Soil and Water

+++ HYBRID EDITION +++

27 and 28 June 2023  
in Dusseldorf/Germany  
and via our Live Stream

## Highlights

### Regulatory issues

- Regulation (EC) No 1107/2009 update
- News from the Northern, Central and Southern zone and interzonal developments
- New hazard classes: PMT/vPvM substances

### Environmental fate

- Long-range atmospheric transport of pesticides
- Persistence and mobility and the detection of substances found in surface and groundwater
- Use of EFSA's aged sorption guidance
- Field leaching study-inverse estimation of degradation and sorption parameters

### Exposure, risk assessment and risk mitigation

- Results from Brazil on surface water assessment
- Higher-tier leaching assessment of groundwater
- Management of run-off
- Stewardship tools in the market and in development



## The Experts

**Colin Brown** University of York | **Joachim Dayteg** Austrian Agency for Health and Food Safety (AGES) | **Alice Dove** Pest Management Regulatory Agency (PMRA), Health Canada | **Emilie Farama** French Agency for Food, Environmental and Occupational Health and Safety (ANSES) | **Nicolas Givaudan** Danish Environmental Protection Agency (DEPA) | **Ian Hardy** Battelle UK | **James Hingston** HSE Chemicals Regulation Division (CRD) | **Bernhard Jene** BASF | **Volker Laabs** BASF | **Ludovic Mayer** RECETOX, Masaryk University | **Dieter Schäfer** Bayer Crop Science Division | **Rômulo Penna Scorza Júnior** Embrapa (Brazilian Agricultural Research Corporation) | **Balthasar Smith** German Federal Office of Consumer Protection and Food Safety (BVL) | **Robin Sur** Bayer Crop Science Division | **Aaldrik Tiktak** PBL Netherlands Environmental Assessment Agency | **Nathalie Vallotton** Dow Europe | **Harry Vereecken** Forschungszentrum Jülich | **Mark Williams** European Commission

# Tuesday, 27 June 2023

Timings are in  
Central European Summer Time [CEST](#).

## Morning Session | 09:30 – 13:00 CEST

**09:00** On-site registration & opening of the virtual meeting room  
**09:30** Welcome address by the organisers and the Chairs  
**Colin Brown**, University of York, UK  
**Dieter Schäfer**, Bayer Crop Science Division, Germany  
**Harry Vereecken**, Forschungszentrum Jülich, Germany

The presentation slots include sufficient time for questions and answers.

## Regulatory issues

**09:40** Feedback from France on risk assessment in the Southern zone

**Emilie Farama**, Agency for Food, Environmental and Occupational Health and Safety (ANSES), France

**10:15** Harmonisation in the Central zone and interzonal developments

**Joachim Dayteg**, Austrian Agency for Health and Food Safety (AGES), Austria

**10:50** Update on the latest report from the Danish monitoring program PLAP (2023)

- Leaching of metabolites DMS and DMSA from cyazofamid to groundwater - Are we overlooking metabolites in active substance evaluations?

**Nicolas Givaudan**, Danish Environmental Protection Agency (DEPA), Denmark

**11:25** Coffee break

**11:50** GB adoption of EFSA guidance on stereoisomers

**James Hingston**, HSE Chemicals Regulation Division (CRD), UK

**12:25** Update on new hazard classes: PMT/vPvM (persistent, mobile and toxic and very persistent and very mobile) substances

**Bernhard Jene**, BASF, Germany

**13:00** Lunch break

## Afternoon Session | 14:30 – 17:20 CEST

## Exposure, risk assessment and risk mitigation

**14:30** Update on latest developments and results from Brazil on surface water assessment

**Rômulo Penna Scorza Júnior**, Embrapa (Brazilian Agricultural Research Corporation), Brazil (virtual presentation)

## Environmental fate

**15:05** Long-range atmospheric transport of pesticides over Europe – a snapshot

- The fate of pesticides in the atmosphere
- The PESPAT (Pan European Study of Pesticides long-range Atmospheric Transport) project
- Highlights from this study – identification of new pesticides prone to long-range atmospheric transport

**Ludovic Mayer**, RECETOX, Masaryk University, Czech Republic

**15:40** Coffee break

**16:10** Pesticide risk assessment in Canada – update on the National Water Monitoring for Pesticides Programme

**Alice Dove**, Pest Management Regulatory Agency (PMRA), Health Canada, Canada (virtual presentation)

**16:45** Persistence and mobility (defined as organic-carbon partitioning) do not correlate to the detection of substances in surface and groundwater. Critical review of the PMT regulatory concept

**Nathalie Vallotton**, Dow Europe, Switzerland

**17:20** End of the first conference day

**18:30** Joint evening event



After the first conference day you are most welcome to attend our evening event for an unhurried evening of good food and leisure time. Please join us to continue the day's interesting discussions in a relaxed and comfortable atmosphere.

 [Book now](#)



Information available online at:  
[www.akademie-fresenius.com/agro-conference](http://www.akademie-fresenius.com/agro-conference)

Wednesday, 28 June 2023

Timings are in  
Central European Summer Time [CEST](#).

 Morning Session | 08:40 – 11:30 CEST

## Environmental fate

08:40 Brief welcome by the chairs

08:50 **Use of EFSA's aged sorption guidance, experience from applicants**

- Evidence for the relevance of aged-sorption under field conditions
- Planned revision of the Guidance Document to include the combination of field DegT50eq with laboratory aged-sorption parameters

Ian Hardy, Battelle, UK

09:25 **Field leaching study-inverse estimation of degradation and sorption parameters for a mobile soil metabolite and its pesticide parent**

Robin Sur, Bayer Crop Science Division, Germany

10:00 Coffee break

## Regulatory issues

10:30 **Regulation (EC) No 1107/2009 update and ongoing activities**

Mark Williams, European Commission, Belgium

11:30 Lunch break

 Afternoon Session | 12:30 – 14:15 CEST

## Exposure, risk assessment and risk mitigation

12:30 **Higher-tier leaching assessment of groundwater in Europe**

- EFSA on the higher-tier groundwater modelling studies
- Update on the SETAC SDLM working group as an initiative to develop a harmonised framework for spatially distributed leaching modelling of pesticides

Aaldrik Tiktak, PBL Netherlands Environmental Assessment Agency, The Netherlands

13:05 **Management of run-off**

Balthasar Smith, German Federal Office of Consumer Protection and Food Safety (BVL), Germany

13:40 **Stewardship tools in the market and in development, including industry examples**

Volker Laabs, BASF, Germany

14:15 End of the conference

### On-site and in person or digitally via our Live Stream – the choice is yours!

Reconnect with your network, meet old and new acquaintances – and just enjoy the on-site event in Dusseldorf/Germany.

Should you have missed the opportunity to secure one of our on-site places or prefer not to travel, you can follow the contributions and discussions from the location of your choice: Via our Live Stream!

 [Book now](#)



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# Registration

By web [www.akademie-fresenius.com/agro-conference](http://www.akademie-fresenius.com/agro-conference)  
By email [registration@akademie-fresenius.com](mailto:registration@akademie-fresenius.com)

## Participation Fee:

**€ 1,995.00 plus VAT** on-site in Dusseldorf

Representatives of an authority or a public university are eligible for a reduced fee of **€ 895.00 plus VAT** per person (please provide evidence). The reduced fee cannot be combined with other rebates.

**€ 1,195.00 plus VAT** via Live Stream

Representatives of an authority or a public university are eligible for a reduced fee of **€ 695.00 plus VAT** per person (please provide evidence). The reduced fee cannot be combined with other rebates.

If you are unable to attend, you can order the event documentation for **€ 295.00 plus VAT**.

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## Do you have any questions?



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## The Organisers

For more than 25 years, Akademie Fresenius has been your partner for practice-orientated training on all the latest topics surrounding the safety and quality of food, consumer goods and chemical products along the whole production chain. Our portfolio not only includes international conferences but also offers national trade meetings, intensive practical seminars and training in small work groups.

Our events are designed to promote an active exchange amongst our participants and offer the perfect platform for bringing the industry, the scientific sector, the authorities and the consulting field together. Excellent service, all-inclusive. Our wide-ranging advanced training opportunities contribute to giving our customers the competitive edge in all quality assurance, risk assessment, legal, production and technical questions.

Akademie Fresenius is a joint venture between Cognos, one of the largest private and independent education groups in Germany, and SGS Institut Fresenius, one of the leading German providers of chemical laboratory analysis.

You can find details on upcoming and new events at [www.akademie-fresenius.com](http://www.akademie-fresenius.com)

**Terms of Participation and Purchase:** The registration fee includes the participation in the event, event documentation, and, in the case of on-site events, lunch, coffee breaks, beverages as well as the evening event. You will receive written confirmation of your registration. Upon receiving our invoice, please transfer the amount due without further deductions before the event begins. The price of the event documentation includes the login details for the secure download section of our webpage where you will find the presentations in a pdf format. The login details will be sent to you via email after the event and as soon as advance payment has been received.

**Group Reductions:** For joint bookings received from one company we grant a 15% discount from the third participant onwards.

**Terms of Cancellation:** For our on-site events, written cancellations or transfers will be accepted free of charge up to four weeks prior to the start of the event. After this date and up to a week prior to the start of the event we will reimburse 50% of the registration fee. We cannot, unfortunately, provide refunds for later cancellations. For our online events, cancellations or rebookings to another event will be accepted free of charge up to one week before the start of the event. In the event of later cancellations or non-login to the online event, no participation fees can be refunded. In this

## Who should attend this conference?

Professionals working in the following sectors:

- Agrochemical industry
- Research institutes from the area of agriculture, soil, hydrology and air
- Authorities (agricultural inspection offices, registration and control authorities)
- Water supply enterprises
- Professional associations

## Conference Venue

**Novotel Düsseldorf City West**  
**Niederkaßeler Lohweg 179**  
**40547 Düsseldorf**  
Phone: +49 211 52060-0  
[h3279@accor.com](mailto:h3279@accor.com)  
[www.accor.com](http://www.accor.com)

We have reserved a limited number of rooms for our participants at reduced rates at the hotel. These rooms can be booked up to six weeks prior to the start of the event. Please book early and directly through the hotel quoting "Akademie Fresenius" as reference.

Of course, participation via our Live Stream is also possible.

case, however, you will receive access to the documentation download after the event. Please note that you can name a substitute participant free of charge at any time.

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