



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

# Behaviour of Pesticides in Air, Soil and Water

+++ ONLINE CONFERENCE +++

8 and 9 June 2022

## Highlights

### Regulatory issues

- Regulation (EC) No 1107/2009 update
- FOCUS Version Control Model Testing
- Update on the Aged Sorption Guidance
- Update on the regulatory regime for Great Britain
- Northern zone view and update
- A feedback from France
- An overview from the Central zone

### Environmental fate

- Atmospheric entries and deposition of plant protection products by volatilisation
- Building sustainable cropping and landscape management strategies

### Exposure, risk assessment and risk mitigation

- Exposure assessment goals to operationalise the assessments for bees
- Update on exposure assessment of pesticides in Latin America
- Updates on pesticide risk assessments in Canada
- New hazard classes: PMT/vPvM substances
- Precision agriculture with spotwise application
- Soil photo transformation products in groundwater – EFSA Guidance Document
- Recap on the TOPPS Water Protection Project



## The Experts

**Paulien Adriaanse** Wageningen UR | **Colin Brown** University of York | **Joachim Dayteg** Austrian Agency for Health and Food Safety (AGES) | **Emilie Farama** French Agency for Food, Environmental and Occupational Health and Safety (ANSES) | **Bernhard Jene** BASF | **Franziska Jentzsch** German Environment Agency (UBA) | **Maarten Klunder** Board for the Authorisation of Plant Protection Products and Biocides – Ctgb | **Volker Laabs** BASF | **Christopher Leake** Bayer Crop Science Division | **Neil Mackay** FMC | **Andy Massey** British Health and Safety Executive, Chemicals Regulation Division (CRD) | **Anna Peters** German Federal Office of Consumer Protection and Food Safety (BVL) | **Nadja Stadlinger** Swedish Chemicals Agency (KEMI) | **Michael Stemmer** Austrian Agency for Health and Food Safety (AGES) | **Mechteld ter Horst** Wageningen UR | **Harry Vereecken** Forschungszentrum Jülich | **Janice Villeneuve** Health Canada's Pest Management Regulatory Agency (PMRA) | **Marc Voltz** French National Research Institute for Agriculture, Food and Environment (INRAE) | **Mark Williams** European Commission | **Representative from Health Canada**

# Wednesday, 8 June 2022

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

## Morning Session 09:00 – 12:30 CEST

08:30 Opening of the virtual meeting room  
09:00 Welcoming speech by the organisers and the Chairs  
Colin Brown, University of York, UK  
Christopher Leake, Bayer Crop Science Division, Germany  
Harry Vereecken, Forschungszentrum Jülich, Germany

The presentation slots include sufficient time for questions and answers.

## Regulatory issues

### 09:10 FOCUS Version Control Model Testing and Maintenance Programme

- Status of FOCUS and FOCUS models, overview of recent and pending developments
- Step by step testing strategy – FOCUS Surface Water Repair as a case study
- Parallel industry software development and testing activities for other regulatory science software
- Observations with experiences and benefits of a robust testing framework and adaptation for the future

Neil Mackay, FMC, UK

### 09:40 Aged Sorption Guidance

- Update
- Regulator's instructions

Michael Stemmer, Austrian Agency for Health and Food Safety (AGES), Austria

### 10:10 Short break

### 10:20 Update on the regulatory regime for Great Britain

- Background to Great Britain regime following EU exit
- Procedural issues – products and active substances
- Northern Ireland protocol
- Technical issues – adoption of EU guidance

Andy Massey, Health and Safety Executive, Chemicals Regulation Division (CRD), UK

### 10:50 Northern zone view, update 2022

Nadja Stadlinger, Swedish Chemicals Agency (KEMI), Sweden

### 11:20 Short break

### 11:30 Environmental risk assessment in the Central zone – an overview

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

### 12:00 Feedback from France on risk assessment in the Southern zone

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

### 12:30 Lunch break

## Afternoon Session 13:30 – 15:40 CEST

## Environmental fate

### 13:30 Update on atmospheric entries and deposition of plant protection products by volatilisation

Anna Peters, German Federal Office of Consumer Protection and Food Safety (BVL), Germany

### 14:00 Building sustainable cropping and landscape management strategies to limit pesticide pollution risks in vineyard areas

Marc Voltz, French National Research Institute for Agriculture, Food and Environment (INRAE), France

### 14:30 Short break

## Exposure, risk assessment and risk mitigation

### 14:40 Updates on pesticide risk assessment in Canada – Update on what Canada is doing to establish the new National Water Monitoring for Pesticides Programme

Janice Villeneuve, Health Canada's Pest Management Regulatory Agency (PMRA), Canada

### 15:10 Update on exposure assessment of pesticides in Latin America

Bernhard Jene, BASF, Germany

### 15:40 End of the first conference day

 [Book now](#)



Information available online at:  
[www.akademie-fresenius.com/3160](http://www.akademie-fresenius.com/3160)

Thursday, 9 June 2022

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

 Morning Session 09:20 – 11:30 CEST

## Exposure, risk assessment and risk mitigation

09:20 **New hazard classes: PMT/vPvM (persistent, mobile and toxic and very persistent and very mobile) substances**

Bernhard Jene, BASF, Germany

09:50 **Exposure assessment goals to operationalise the exposure assessment for the risk assessment of non-target organisms, including bees**

Paulien Adriaanse, Wageningen UR, The Netherlands

10:20 Short break

## Regulatory issues

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

Mark Williams, European Commission, Belgium

11:30 Lunch break

### How will this online conference work?

Our online conference will be live – with interactive participation – and will be held in the English language. Prior to the conference, we will provide you with your login details, which will allow you to participate and ask questions from your preferred location. All you need is a stable internet connection and an audio hardware system – and away you go!

 Afternoon Session 12:30 – 15:20 CEST

## Exposure, risk assessment and risk mitigation

12:30 **An overview on exposure and risk assessments: Where have we come from and where are we heading?**

- The current and future role of crop protection in agriculture
- What are the environmental safety challenges?
- How did we start? Where are we now? Where are we heading?

Christopher Leake, Bayer Crop Science Division, Germany

13:00 **Precision agriculture with variable and spotwise application: A calculation example and possible consequences for the risk assessment**

- Some background information on precision agriculture
- Example calculation for leaching to groundwater and discussion on possible consequences for the risk assessment
- Some issues for implementing precision application as part of the risk assessment for in-soil organisms (ecotoxicological perspective)

Mechteld ter Horst, Wageningen UR, The Netherlands

13:30 Short break

13:40 **Latest development on the assessment of soil photo transformation products in groundwater – making of and status quo on the new EFSA Guidance Document**

Franziska Jentzsch, German Environment Agency (UBA), Germany

14:10 **Recap on the TOPPS (Train Operator and Promote Best Practices & Sustainability) Water Protection Project by CropLife Europe (2005 to 2021)**

- Toolbox of TOPPS BMPs (best management practices) to enable structured risk management
- Web-based Tools provide decisions support for farmers: Newest addition is the TOPPS-DROPS Point Source Tool
- Training concepts and stakeholder perceptions

Volker Laabs, BASF, Germany

14:40 Short break

14:50 **Working Group on risk mitigation measures (RMM) on active substance level**

- The merit and aims of the Working Group
- The projected scheme for assessing RMM at active substance level
- First experiences of a pilot project

Maarten Klunder, Board for the Authorisation of Plant Protection Products and Biocides – Ctgb, The Netherlands

15:20 End of the conference

 [Book now](#)



Information available online at:  
[www.akademie-fresenius.com/3160](http://www.akademie-fresenius.com/3160)

# Registration

By web [www.akademie-fresenius.com/3160](http://www.akademie-fresenius.com/3160)  
By email [registration@akademie-fresenius.com](mailto:registration@akademie-fresenius.com)

Hotline +49 231 75896-50  
Die Akademie Fresenius GmbH  
Alter Hellweg 46, 44379 Dortmund



DIE AKADEMIE  
FRESENIUS

## Participation Fee: € 995.00 plus VAT

Representatives of an authority or a public university are eligible for a reduced fee of € 495.00 plus VAT per person (please provide evidence). The reduced fee cannot be combined with other rebates.

If you are unable to attend the online event, you can order the event documentation for € 295.00 plus VAT. It will be available after the online event through the download area of our website where you will find the latest versions of the presentations as pdf files.

[www.akademie-fresenius.com/3160](http://www.akademie-fresenius.com/3160)

→ [Book now](#)

## Do you have any questions?



**Julia Leker**  
Phone: +49 231 75896-79  
[jleker@akademie-fresenius.de](mailto:jleker@akademie-fresenius.de)

## 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)

## Who should attend this conference?

Professionals from 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

**Terms of Participation and Purchase:** The registration fee includes the participation in the online event and the event documentation for download. 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 access to the secure Akademie Fresenius download area on our website. The secure access code will be dispatched around two weeks 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:** Cancellations or rebookings to another event are possible in writing without giving reasons and free of charge up to one week before the start of the online event. In the event of later cancellations or non-login to the online event, no participation fees can be refunded. In this 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.

**General Terms and Conditions:** By registering, you agree to our General Terms and Conditions as well as to our Privacy Policy. You can find our GTC on the internet ([www.akademie-fresenius.com/general-terms](http://www.akademie-fresenius.com/general-terms)) or receive them on request.

**Personal Data:** The Akademie Fresenius will keep your data for the purpose of organising this event. We will under no circumstances use your data for commercial trade purposes. By registering for this online event, you consent to our occasionally contacting you by mail, email or phone in order to provide you with further information from our company. You can, of course, withdraw your consent whenever you wish. During this online event, image and sound content is transmitted, which may originate from the speakers and from the participants. By registering, you agree that this content may be transmitted within the virtual event space. All participants are prohibited from recording this content. Further information can be found at: [www.akademie-fresenius.com/dataprotection](http://www.akademie-fresenius.com/dataprotection).

**Picture Credit:** © r.classen – Fotolia, tupungato – iStockphoto