



24th International Akademie Fresenius ECOTOX Conference

Aquatic and Terrestrial Ecotoxicology and Risk Management

+++ HYBRID EDITION +++

28 and 29 November 2024
in Dusseldorf
and via Live Stream

Highlights

Regulatory Update

- Update from the EU Commission
- Update from EFSA
- From regulatory single species tests to biodiversity assessment
- PERIAMAR COST Action – Progress in pesticide risk assessment for amphibians

Sustainability within the EU regulatory framework for Plant Protection

- Digital Agriculture and Precision Application
- CLE Industry perspective on ecotoxicological data requirements for biological plant protection products

Methods & Modelling & Case Studies

- Update from the SETAC working group on Model Acceptability, version control and scenario Development (MAD)
- The German Surface water monitoring: Setting the scene on public discourse and data assessment
- The use of new approach methodologies for ecotoxicological assessments



The Experts

Fernando Álvarez Alfageme European Food Safety Authority (EFSA) | **Anne Alix Corteva** | **Pierre-François Chaton** French Agency for Food, Environmental and Occupational Health & Safety (ANSES) | **Peter Dohmen** Econ-Ecotoxicological Consulting | **Sian Ellis** Crop Life Europe/Corteva | **Christopher Faßbender** PETA Science Consortium International | **Andreas Focks** University of Osnabrück | **Anja Gladbach** Bayer CropScience | **Sofie Hofkens** European Commission | **Annegaike Leopold** Calidris environment | **Lorraine Maltby** The University of Sheffield | **Judith Neuwöhner** Nufarm Europe | **Manuel Eloy Ortiz-Santaliestra** University of Castilla-La Mancha | **Jonas Schartner** German Federal Office of Consumer Protection and Food Safety (BVL) | **Benjamin Schreiber** Austrian Agency for Health and Food Safety (AGES) | **Jacoba Wassenberg** Dutch Board for the Authorisation of Plant Protection Products and Biocides (Ctgb)

Thursday, 28 November 2024

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

Morning Session 09:30 – 13:05 CET

09:00 On-site registration & opening of the virtual meeting room

09:30 Welcome address by the organisers and the Chairs

Peter Dohmen, Econ – Ecotoxicological Consulting, Germany

Jacoba Wassenberg, Board for the Authorisation of Plant Protection Products and Biocides (Ctgb), The Netherlands

Regulatory Update & Current Developments

09:40 Update from the EU Commission

Sofie Hofkens, European Commission, Belgium
(virtual presentation)

10:15 Update from EFSA

Fernando Álvarez Alfageme, European Food Safety Authority (EFSA), Italy (virtual presentation)

10:50 From Regulatory Single Species Tests to Biodiversity Assessment

- What are the challenges and options for moving forward?
- How may these options be implemented?

Lorraine Maltby, The University of Sheffield, United Kingdom

11:25 Coffee break

11:55 Industry view: From Regulatory Single Species Tests to Biodiversity Assessments

- Biodiversity (scientific) definition and position in the current regulatory framework
- Limitations and gaps in the current regulatory paradigm
- Available measurement and assessment endpoints
- Achieving operational definitions of biodiversity
- Attempting to disentangle, measure and regulate the relative contribution of chemicals compared to other pressures on biodiversity (e.g. habitat loss)

Anja Gladbach, Bayer CropScience, Germany

12:30 PERIAMAR COST Action – Progress in Pesticide Risk Assessment for Amphibians

- Particularities of amphibians regarding environmental risk assessment of pesticides
- Proposal for a new risk assessment scheme, supported by an EU-funded COST Action
- Challenges and tools to minimise animal testing

Manuel Eloy Ortiz-Santaliestra, University of Castilla-La Mancha, Spain

13:05 Lunch break

Afternoon Session 14:05 – 16:20 CET

14:05 Update from the Central Zone

Benjamin Schreiber, Austrian Agency for Health and Food Safety (AGES), Austria

14:40 Update from the Southern Zone

Pierre-François Chaton, French Agency for Food, Environmental and Occupational Health & Safety (ANSES), France

15:15 Coffee break

Sustainability

15:45 Sustainability in the Crop Protection Sector: Criteria, Implementation and Assessment

- Drivers and criteria describing sustainable crop protection tools
- Implementation through regulatory requirements and policies
- Sustainability in practice
- How to assess sustainability?

Anne Alix, Corteva, United Kingdom

16:20 Addressing some challenges of the EU Green Deal's ambition for a toxic-free environment in the context of environmental safety assessment

Annegaike Leopold, Calidris environment, The Netherlands

16:55 General Discussion

17:30 End of the first day

18:30 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/ecotox

Friday, 29 November 2024

 **Morning Session 09:30 – 12:30 CET**

09:30 Brief address by the Chairs

Peter Dohmen, Independent Consultant, Germany
Jacoba Wassenberg, Board for the Authorisation of Plant Protection Products and Biocides (Ctgb), The Netherlands

Sustainability

09:30 Digital Farming, Update on the Work of the European Precision Application Task Force (EUPAF)

Jonas Schartner, Federal Office of Consumer Protection and Food Safety (BVL), Germany

10:05 Industry Perspective on Ecotoxicological Data Requirements for Biological Plant Protection Products using Problem Formulation Risk Assessment Approach

- Overview and specific considerations for biochemical products
- Introduction to problem formulation approach – tiered and targeted data package to address key areas of concern
- Examples and case studies (RNA, Peptides)

Sian Ellis, Crop Life Europe/Corteva, United Kingdom

10:40 Assessment of novel compounds and biologicals Representative of the Ctgb, (to be confirmed)

11:15 Coffee break

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Methods, Modelling & Case Studies

11:45 Update from the SETAC Working Group on Model Acceptability, Version Control and Scenario Development (MAD)

- General considerations on use of mechanistic effect models in the environmental risk assessment of pesticides
- Considerations and conditions in the context of the acceptability of effect models for use in regulatory risk assessment
- Development of environmental scenarios for the application of mechanistic effect models in ERA

Andreas Focks, University of Osnabrück, Germany

12:20 German Surface Water Monitoring (Kleingewässer-Monitoring): Setting the Scene on Public Discourse and Data Assessment

- Study set-up and data collection
- Communication of results and public perception
- Putting measured pesticide concentrations into context

Judith Neuwöhner, Nufarm Europe, Germany

12:55 The Use of New Approach Methodologies for Ecotoxicological Assessments

- Fish embryo acute toxicity test; RTgill-W1 cytotoxicity test; acute fish toxicity IATA
- Alternative approaches to bioaccumulation testing
- Predicting chronic fish toxicity, non-animal methods

Christopher Faßbender, PETA Science Consortium International, Germany

13:30 Summary and final discussion

13:45 Lunch and end of the conference

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

Connect with your colleagues, clients and partners, network with old and new acquaintances – and just enjoy the on-site event in Düsseldorf.

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!



Information available online at:
www.akademie-fresenius.com/ecotox

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Registration

By web www.akademie-fresenius.com/ecotox
By email registration@akademie-fresenius.com

Participation Fee:

€ 1,995.00 plus VAT on-site in Düsseldorf

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 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**.

10% discount valid
until 11 October 2024!
Code: ECOTOX10

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Do you have any questions?



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The Organisers

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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 Carl Remigius Fresenius Education Group, 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

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 take part?

Professionals working in the field of

- ✓ Ecotoxicology
- ✓ Hazard, exposure and risk assessment
- ✓ Risk management, Field studies, Modelling
- ✓ Regulatory affairs
- ✓ Registration and authorisation, Scientific advisory
- ✓ Technical and environmental affairs
- ✓ Monitoring

Sectors taking part:

- ✓ Agrochemical industry
- ✓ Academia
- ✓ Regulatory bodies
- ✓ Environmental consulting

Conference Venue

Novotel Düsseldorf City West
Niederkaßeler Lohweg 179, 40547 Düsseldorf
Phone: +49 211 52060-0
Email: h3279@accor.com
<https://all.accor.com/hotel/3279>

We have reserved a limited number of rooms for our participants at reduced rates at the hotel. These rooms can be booked up to four 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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