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Engineering & Scientific Consulting

Eva Eschenbach

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Professional Profile

Eva Eschenbach is an experienced ecotoxicologist with a broad expertise in registration of plant protection products in Europe. Her key expertise is within the birds and mammals as well as terrestrial organism group (bees, non-target arthropods, soil organisms and plants) but she has also profound experience in the aquatic organism section. For her Master thesis, Eva Eschenbach took part in the ring-testing for the OECD test guidelines on bumble bees (OECD 246 and 247). Within her career at different consultants, starting in 2016, she obtained insights into different active substance and product types. Her experience covers:

- Strategic advice and planning of (re-)registrations for active substances and formulations for both conventional chemicals and biopesticides including also attendance of pre-submission meetings
- Data gap analyses to evaluate the completeness of the available data
- Study monitoring of Tier 1 and higher Tier studies within all ecotoxicological organism groups including, where necessary, statistical re-evaluations
- Risk assessment (from screening to higher Tier) for all organism groups
- Environmental classification and labelling
- Literature reviews
- Post-submission support to address any potential requests from authorities

Eva Eschenbach is dedicated to closely communicate with clients to address specific needs in line with their registration strategies. She is regularly visiting and presenting at conferences to keep abreast of any new developments in the scientific background and national requirements of environmental risk assessments. Especially during her time in the management board of the SETAC German language branch, Eva Eschenbach developed good contacts within the environmental and regulatory community.

Academic Credentials & Professional Honors

M.S., Ecotoxicology, University of Koblenz-Landau, 2016

B.Sc., Forensic Sciences, University of Applied Sciences, Germany, 2013

Prior Experience

Regulatory Expert – Ecotoxicology, knoell GmbH, 2021 – 2023

Regulatory Expert – Ecotoxicology, Eurofins Agroscience Regulatory, 2016 – 2021

Professional Affiliations

Vice President, SETAC German Language Branch, 2020 - 2022

Invited lecturer at the University of Landau (RPTU) for the module Risk Assessment and Risk Management within the MSc Ecotoxicology, 2018 - today

Publications

Eck, G., Eschenbach, E. (2019): The problem with mixtures. Agrow Agribusiness. 03 Dec. 2019

Eschenbach, E., Eck, G. (2018): Environmental modelling for risk assessment — Current state of the art and future challenges. Agrow Biologicals report 2018

Presentations

Eschenbach, E. (2015). Toxizitätsunterschiede in Kontakttests mit Wildbienen und Hummeln unter Verwendung verschiedener Netzmittel [Differences in toxicity in contact testing of solitary and bumble bees influenced by different wetting agents] (SETAC GLB 20. Annual meeting, Zürich, 2015)

Posters

Eck, G., Brauer, M., Eschenbach, E. (2018): Aquatic higher tier exposure testing of pesticides — from complexity to simplicity (SETAC Rome 2018)

Eck, G., Memmert, U., Eschenbach, E. (2018). Data-mining: Making use of aquatic lower-tier data for higher-tier risk evaluation of agrochemicals. (SETAC Rome 2018)

Gonsior, G., Memmert, U., Eck, G., Eschenbach, E., Hafner, C. (2018): Critical aspects of higher-tier laboratory exposure testing with different aquatic organisms (SETAC Rome 2018)

Eschenbach, E., Wollmann, C., Uhl, P., Stahlschmidt, P., Brühl, C.A. (2015). Bestäubungseffizienz von mit Dimethoat und λ-cyhalothrin behandelten Hummeln (Bombus terrestris) und ihr Einfluss auf den Ertrag von Ackerbohnen (Vicia faba) [Pollination efficiency of bumble bees treated with dimethoate and λ-cyhalothrin and impact on the yield of field beans (Vicia faba)] (SETAC GLB 20. Annual meeting, Zürich, 2015)