

## **L3**

### **Introduction to EU Regulatory Ecotoxicology for Agrochemical**

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Ecotoxicology and environmental risk assessments have become one of the most important areas in agrochemical evaluation. In Europe and other parts of the world, active substances used in plant protection products can only be authorized if they have no harmful effects on human and animal health and do not cause unacceptable effects on the environment, considering in particular the impact on non-target organisms (such as birds, mammals, aquatic organisms, bees, arthropods, soil organisms, flora).

The environmental risk assessments for agrochemicals gets more and more attention, which results in an increase in data requirements for ecotoxicology and environmental fate and behavior for active substances. Also an increased number of new or revised guidance documents for environmental risk assessments is seen over the last years.

In the presentation, an explanation will be given of the basic principles of environmental risk assessment as applied in Europe for agrochemicals. Furthermore the presentation is aimed to provide an explanation on data requirements and how EFSA (European Food Safety Authority) guidance documents work for e.g. bees, birds and aquatic organisms.