

## ANNUAL DECLARATION OF INTERESTS (ADoI)

*(Please note that high quality of scientific expertise is by nature based on prior experience and that therefore having an interest does not necessarily mean having a conflict of interest)*

**Name:** LIESS, Matthias

**Title:** Dr

**Profession:** Scientist

**Current EFSA involvements:** Member-PPR Panel 2012-2015 (PPR), Member-WG Aquatic Ecotoxicology (PPR)

Nature of Activities	Period	Organisation	Subject matter
<b>I. Economic interest</b>			NO INTEREST
<b>II. Member of a management body or equivalent structure</b>	01/2006 - now	-Name: Ufz - Helmholtz Centre for Environmental Research	Member of the managing body of departments at the UFZ. Organising research activities. 1) Department System Ecotoxicology 2) Department Bioanalytical Ecotoxicology 3 Department Effect Directed Analyses 4) Department Ecological Chemistry
<b>III. Member of a scientific advisory body</b>	01/2010 - 12/2011	-Name: EFSA, European Food Safety Authority, Italy, Parma	Member - WG Ecotoxicological Effects (PPR)
	01/2010 - 11/2011	-Name: EFSA, European Food Safety Authority, Italy, Parma	Member - WG Ecoregions (PPR)
	10/2008 - 01/2010	-Name: UBA (Umweltbundesamt), Germany	Member of advisory body: „Probabilistic risk assessment of PPP's“ UBA (Umweltbundesamt, The Federal Environment Agency), Germany Remit is to assess research on advantages and shortcomings of probabilistic risk assessment. Activity is terminated by 2010.
	08/2008 - 09/2009	-Name: EFSA, European Food Safety Authority, Italy, Parma	Member - revision of GD persistence in soil/ECOTOX (Bugs) (PPR)

	08/2008 - 09/2009	-Name: EFSA, European Food Safety Authority, Italy, Parma	Member - PPR Panel 2006-2009 (PPR)
	06/2002 - 08/2008	-Name: European Commission	FOCUS group: LANDSCAPE AND MITIGATION FACTORS IN AQUATIC ECOLOGICAL RISK ASSESSMENT
<b>IV. Employment</b>	01/2001 - now	-Name: UFZ (Umweltforschungszentrum)-Helmholtz Centre for Environmental Research	<p>The Helmholtz Centre for Environmental Research - UFZ was established in 1991 and has about 1,000 employees in Leipzig, Halle/S. and Magdeburg. They study the complex interactions between humans and the environment in cultivated and damaged landscapes. The scientists develop concepts and processes to help secure the natural foundations of human life for future generations. In relation to PPP's research is done on the environmental effects of Xenobiotics.</p> <p>My tasks are:</p> <ol style="list-style-type: none"> <li>1) Assessment of long-term effects of low doses of xenobiotics</li> <li>2) Sustainable control of disease vectors. Here the management of landscapes is aim of the activity</li> </ol> <p>The UFZ, and also my department, conducts research that may be useful for the authorization of pesticides. This includes investigation of environmental parameter that alter the sensitivity of individuals and populations to toxicants (including pesticides) and also investigation of recovery processes. From such expertise also research projects dealing with the role of protected species in risk assessment were conducted (Details see research funding: UBA...). However, my organization, and my department, is not directly involved in the regulatory assessment of pesticides; has not published RA guidance or methodology, or any software and/or computational model which could be directly used in regulatory processes or has an official capacity of Risk Management (authorisation of PPPs, MRL setting, control and monitoring activities).</p>
<b>V. Ad hoc or occasional consultancy</b>	06/2007 - 11/2007	-Name: Kienbaum, Management Consultants GmbH,	Evaluation of organisation structure of UBA (Umweltbundesamt, The Federal Environment Agency), Germany. Non-fulltime activity is terminated
<b>VI. Research funding</b>	09/2011 - now	-Name: EFSA	Literature reviews on topics of relevance to the revision of the Guidance Documents on Aquatic and Terrestrial Ecotoxicology
	08/2011 - now	-Name: BMBF - Bundesministerium für Bildung und Forschung	Mosquito control in Africa. Currently mosquitos are mainly controlled by toxicants. We are developing a method to control mosquitos by a combination of toxicants and natural antagonists in order to reduce rebound of mosquito populations after control measures.
	01/2010 - now	-Name: BMBF (Bundesministerium für Forschung und Technologie), Germany	<p>Funding was paid to employer (UFZ)</p> <p>Fe-Nanosit, BMBF(Bundesministerium für Forschung und Technologie) Risk assessment of Nanoparticles.</p> <p>Topic of the research activity and nature and purpose of deliverables: Investigation of long-term effects of Nanoparticles used for groundwater remediation.</p>
	01/2009 - now	-Name: European Commission	CREAM - Mechanistic Effect Models for Ecological Risk Assessment Chemicals. Development of ecotoxicological models for the use in risk assessment.
	07/2006 - now	-Name: DAAD (German Academic Exchange Service); Germany	<p>Funding was paid to employer (UFZ)</p> <p>Reducing Mosquitos with biological methods</p> <p>Topic of the research activity and nature and purpose of deliverables: How to optimize long-term effects of methods to reduce mosquito populations. This will be done by investigate joint action of larvicide and competitors</p>

	01/2008 - 12/2010	-Name: Russian Academy of Science	ECOLINK - Effects of environmental toxicants at population and community level. Bilateral project on ecosystem level assessment of toxicants. The projects aims at identifying if environmental condition have an effect on the ecosystem level of xenobiotics
	01/2009 - 08/2010	-Name: UBA, Federal Environment Agency	Conservation of biodiversity of aquatic organisms and regulation of ecological risks of pesticides. Assessment of risk assessment of protected and endangered species. Occurrence in the agricultural landscape and risk of pesticide effects.
	05/2009 - 04/2010	-Name: UBA (Umweltbundesamt); Germany	Funding was paid to employer (UFZ) UBA (Umweltbundesamt), Conservation of biodiversity of aquatic organisms and regulation of ecological risks of pesticides Topic of the research activity and nature and purpose of deliverables: After reviewing information on the distribution of protected species, we conclude that protected species are present in scattered but widespread distributions in agricultural habitats. Therefore, they need to be considered within the risk assessment framework of PPPs. This is because their (1) toxicological sensitivity towards PPPs may be increased in the ecological context (context sensitivity) to a higher degree than that of non-protected species and (2) recovery is slower than that for many non-protected species as protected species often have long generation times (ecological sensitivity). The results of this research project identify ecological aspects of the assessment of toxicants.
	02/2006 - 03/2009	-Name: EU	Funding was paid to employer (UFZ) EU Project, INTERACT, Improving EU-risk assessment of toxicants for aquatic communities by considering competition on the population and community level. REsearch aimed at identifying the role of competition on effect and recovery of communities exposed to xenobiotics
	03/2005 - 04/2008	-Name: Ministry for science France	Funding was paid to employer (UFZ) Risk assessment of Mosquito control on non-target organisms. Topic of the research activity and nature and purpose of deliverables: What are environmental parameter determining occurrence of mosquitos. What are the effects of xenobiotics on mosquitos
	02/2007 - 03/2008	-Name: Environment Agency	Funding was paid to employer (UFZ) Agricultural pesticides and its impact on the aquatic ecology of the UK. The aim of this project was to find one or more biological indicators that could be used by the Environment Agency to identify pesticide effects and responsible contaminants. Potential end users from different Environment Agency teams (Science, Conservation and Ecology, Policy, Operations - Ecological Appraisal) and the Catchment Sensitive Farming initiative were asked about their expectations for a diagnostic biological indicator. The response was that it should provide information about temporal trends in pesticide contamination as well as trends across sites on a national scale, to help target water quality monitoring programmes as well as risk management measures. The indicator should be sensitive to pesticide-induced changes in aquatic macroinvertebrate communities, and be able to identify the type of pesticide and the magnitude of contamination. It should be reliable, easy to deploy and interpret and easy to communicate to external audiences. Further, the indicator should run on macroinvertebrate data from the General Quality Assessment programme to minimise costs, and should be rapid and usable in the field to give a first indication of potential pesticide contamination.
<b>VII. Intellectual property rights</b>			NO INTEREST

<b>VIII. Other membership or affiliation</b>	04/2009 - now	-Name: Environmental Toxicology and Chemistry	Editorial board
	02/2008 - now	-Name: Australasian Journal of Ecotoxicology	Editorial board
	06/2007 - now	-Name: Boreal Research	Editorial board
	03/2008 - 10/2009	-Name: CNRS (National Center for Scientific Research), France, AERES comission (Agency for the Evaluation of Research)	Evaluation of two labs in CNRS 1) UMR 5553 Laboratoire d'Ecologie Alpine (LECA) 2) Unité de recherche en Physico-chimie et Ecotoxicologie des Sols d'Agrosystèmes Contaminés
	04/2009 - 09/2009	-Name: National Agri-Environmental Standards Initiative (NAESI),	Aquatic risk assessment
	06/2008 - 10/2008	-Name: University cluster Roskilde, Aarhus, Univ South. Denmark, NERI (National Environmental Research Institute)	Evaluation of PhD teaching
<b>IX. Other relevant interest (Close family member)</b>	10/2012 - now	-Name: EFSA	My Partner (Sabine Duquesne) is member of a Scientific Panel of EFSA and its related working groups and is therefore subjected to the EFSA independence policy.

I hereby declare that I have read both the Guidance Document on Declarations of Interests and the Procedure for identifying and handling potential conflict of interests and that the above Declaration of Interests is complete.

Date: 15/01/2013      Signature: **SIGNED**