

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: BROCK, Theodorus

Title: Dr

Profession: Senior scientist aquatic ecology & ecotoxicology

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

Nature of Activities	Period	Organisation	Subject matter
I. Economic interest			NO INTEREST
II. Member of a management body or equivalent structure			NO INTEREST
III. Member of a scientific advisory body	05/2012 - now	-Name: EFSA, European Food Safety Authority, Italy, Parma	Vice chair - PPR Panel 2012-2015 (PPR)
	06/2011 - now	-Name: EFSA, European Food Safety Authority, Italy, Parma	Member WG Aquatic Ecotoxicology (PPR)

	01/2011 - now	-Name: Dutch ministry of Economic Affairs, Agriculture and Innovation (EL&I) and Dutch Ministry of Infrastructure and the Environment (I&M)	Dutch BBW working group multi-stress. In 2011 and 2012 I will participate as member in a Dutch WG on the impact of multiple-stress by pesticides in surface waters. The activities concern desktop research to evaluate the impact of multiple-stress by pesticides used in important Dutch crops on aquatic organisms in drainage ditches. The purpose of the WG is to advise the Dutch Ministries of EL&I and I&M on the potential consequences of multiple stress by pesticides, with special reference to the recoverability of vulnerable populations in Dutch drainage ditches. The output of the WG will be a scientific report. This activity is financed to Alterra by the Ministry of EL&I. I have a right to vote in the WG
	01/2009 - now	-Name: Dutch ministry of Economic Affairs, Agriculture and Innovation (EL&I) and Dutch Ministry of Infrastructure and the Environment (I&M)	Dutch BBW Working Group Effect Assessment. In the period 2009 - 2012 I will act as chair of a Dutch scientific working group that is developing decision trees for the effect assessment of plant protection products under Regulation 1107/2009 and the Water Framework Directive. These decision trees are developed for implementation in the Netherlands (by Ctgb). In 2012 the draft decision trees will be verified/calibrated with realistic data sets of selected pesticides. The output of the working group will be two scientific reports. This activity is funded to Alterra by the Dutch Ministry of EL&I. As chair of the WG I have the right to vote.
	01/2005 - now	-Name: EFSA	In 2005 and 2006 I acted as member of a WG of EFSA on plant health, plant protection products and their residues (question Cyprodinil) Since 2009 I am PPR panel member and member - WG Ecotoxicological Effects (PPR)
	01/1999 - now	-Name: Ministry of Infrastructure and the Environment; RIVM	Member of the Dutch scientific panel for the derivation of environmental quality standards of toxic substances, including plant protection products (INS) (1999 - present). The time involved in this activity is funded to Alterra by the Dutch Ministry of EL&I. The advice is based on consensus between panel members. Final decisions are taken by another panel of which I am not member and in which also risk managers participate.
	01/2010 - 05/2012	-Name: EFSA, European Food Safety Authority, Italy, Parma	Member - PPR Panel 2009-2012 (PPR)
	01/2010 - 06/2011	-Name: EFSA, European Food Safety Authority, Italy, Parma	Member - WG Ecotoxicological Effects (PPR)
	01/2005 - 01/2010	-Name: RIVM	Panel member of the Dutch Platform for the Assessment of Higher Tier Studies (for the registration of plant protection products) (2005 - 2010). The aim of this panel was to develop guidance on the conduct and interpretation of aquatic and terrestrial higher-tier tests. The time involved for this activity was funded to Alterra by the Dutch Ministry of EL&I. On aquatic issues I had the right to vote.

IV. Employment	06/1991 - now	-Name: Alterra, Wageningen University and Research Centre	<p>Senior Research Scientist Aquatic Ecology and Ecotoxicology of the ERA team of Alterra.</p> <p>Alterra is a non for profit organisation and research institute under the umbrella of Wageningen University and Research Centre. Its pupose is to conduct independent applied scientific research in the field of environmental sciences. In 2011, 51% of the funding of Alterra was provided by the Dutch Minstry of Economic Affairs, Agriculture and Innovation (EL&I), 15% by other Dutch ministries, 15% by the European Union, 8% by the private sector, 7% by national authorities like Water Boards and municipalities, and 4% by others.</p> <p>Alterra conducts scientific research and develops scientific methods related to the risk assessment of pesticides. Alterra as an organisation has not developed and published RA guidance or methodologies used in the regulatory process but Alterra scientists (including myself) have developed and published methodologies and proposals for decision trees in the ERA of pesticides in co-operation with scientists from other institutes inside and outside the Netherlands.</p> <p>Alterra owns a suite of software and computational models that are used in the regulatory process in the Netherlands and at the EU level (including GeoPEARL, PEARL, TOXSWA, TOP_RICE, SWASH, DROPLET, MASTEP). Most of these tools are available via internet (always free of charge). Part of these models are co-owned by the Dutch research institutes RIVM and PBL (e.g. GeoPEARL and PEARL). I was not directly involved in the development of these models.</p> <p>Alterra gives advice on scientific aspects of the risk assessment procedure to Dutch Ministries, regulatory authorities (e.g. the Dutch Board for the Registration of pesticides and Biocides) and Agrochemical companies on an independent basis, and against funding. In addition, Alterra performs higher-tier micro-/mesocosc experiments under GLP.</p> <p>The last 5 years, as an employee of Alterra, I provided advice on how to interpret higher-tier toxicity data for Bayer, Chiminova, DOW-Agrochemicals, BASF, Syngenta, Monsanto, Feinchemie Schwebda GMBH, Sumitomo and Makhteshim-Agan. This activity mainly concerns the interpretation of complex microcosm/mesocosc tests and the writing of independent expert opinions on the exposure-response relationships that can be derived from these semi-field studies. These independent expert opinions are often required by regulatory authorities. On behalf of Alterra I act as internal reviewer of semi-field experiments performed by Alterra under GLP and used for the registration procedure for pesticides. On an annual basis approximately 100 h of my time is involved in these activities funded by industry.</p> <p>On behalf of Alterra I play a role in the co-ordination of open domain experimental stress-ecology research in aquatic experimental ecosystems that we perform for various stake-holders (e.g. Dutch government; EU; Industry).</p> <p>I am not involved in any national or international regulatory body as a representative of my organisation or my country. I am not involved in any contract between Alterra and EFSA.</p>
V. Ad hoc or occasional consultancy			NO INTEREST

VI. Research funding	04/2011 - now	-Name: CEFIC LRI	I am as researcher involved in the CEFIC LRI funded project "Evaluation of test methods for measuring toxicity to sediment organisms" to supervise a Ph-D student on aspects of tiered risk assessment approaches for toxicants and sediment organisms. The project concerns a collaboration of Wageningen University, IMARES and Alterra (project co-ordinator Prof A. Koelmans of Wageningen University). The project will last 4 years (3 years funded by CEFIC LRI and 1 year funded by Wageningen University). On an annual basis I will be approximately 2 to 3 weeks involved in this project. The deliverable of this research will be a scientific report for CEFIC, scientific publications in refereed journals and a Ph-D thesis.
	01/2007 - now	-Name: Alterra	Since 2007, approximately 10% of my research activities are supported by Research & Development funds provided by Alterra. This research involves the reversibility of pesticide-stressed freshwater ecosystems, recovery of aquatic populations and the development of risk assessment procedures for pesticides and sediment organisms. The deliverables are publications in scientific journals.
	01/2000 - now	-Name: Chemical Industry	In the past (2000 - 2001) I acted as study director or principal investigator of GLP Microcosm/mesocosm experiments conducted to support the registration procedure of plant protection products. In 2010 I was involved as study co-ordinator in an open domain outdoor microcosm experiment on the effects of fungicides on freshwater communities in experimental ditches (funded by the Dutch Ministry of EL&I and BASF). The funding by industry involved in this activity goes directly to Alterra. The past year approximately 5 % of my research time concerned this activity
	07/1991 - now	-Name: Dutch Ministry of Economic Affairs, Agriculture and Innovation (EL&I)	In 2012 approximately 80% of my research activities are directly funded by the Dutch Ministry of Economic Affairs, Agriculture and Innovation (EL&I) to scientifically underpin the environmental risk assessment procedure for pesticides. The past 5 years this funding was more or less similar.
VII. Intellectual property rights			NO INTEREST
VIII. Other membership or affiliation	09/2011 - now	-Name: The Scientific World Journal	Since 2011 I am editorial board member of the open access The Scientific World Journal on issues related to aquatic ecology and ecotoxicology. No funding is involved with this activity.
	01/1995 - now	-Name: Society of Environmental Toxicology and Chemistry (SETAC)	Since 1995 I am an active member of the Society of Environmental Toxicology and Chemistry. In the period 2003 - 2004 I was president of SETAC Europe. From 2006 to 2009 I was chair of the SETAC/EU Workshop on Linking Aquatic Exposure and Effects in the Registration Procedure of Plant Protection Products. Currently I am member of the editorial board of the scientific journal Integrated Environmental Assessment and Management. No funding is involved with this activity.
IX. Other relevant interest			NO INTEREST
X. Interests of close family members			NO INTEREST

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: 20/10/2012 **Signature:** **SIGNED**