

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: BOESTEN, Jos

Title: Dr

Profession: scientific researcher

Current EFSA involvements:

Nature of Activities	Period	Organisation	Subject matter
I. Financial investments			NO INTEREST
II. Managerial role			NO INTEREST
III. Member of a scientific advisory entity	08/2016 - now	-Name: Ministerie van Landbouw, Natuur en Voedselkwaliteit (Ministerie van LNV), Ministry of Agriculture, Nature and Food Quality, The Hague, NETHERLANDS	Work group "Improvement Scenarios Soil-bound Covered Crops". The remit of this work group is to improve a scenario for the greenhouse emission model (GEM) for soilbound culture systems in the Netherlands. It is expected that this will result in the advice to use the improved scenario (implemented in GEM) in Dutch pesticide registration. The advice will be considered by the Dutch Government. It is expected that a new version of GEM (including this scenario) will be delivered and a scientific report. I am a member of this group. The core activity of this group is scientific advice to the Dutch Government. Impact on annual earnings: <5%

	11/2015 - now	-Name: Ministerie van Landbouw, Natuur en Voedselkwaliteit (Ministerie van LNV), Ministry of Agriculture, Nature and Food Quality, The Hague, NETHERLANDS	Work group 'Validation GEM'. The remit of this work group is to validate a greenhouse emission model (GEM) for soilless culture systems in the Netherlands and to develop this model further. It is expected that this will result in the advice to use improved versions of GEM in Dutch pesticide registration. The advice will be considered by the Dutch Government. It is expected that one or more new versions of GEM will be delivered and one or more scientific reports. I am a member of this group. The core activity of this group is scientific advice to the Dutch Government. Impact on annual earnings: <5%
	09/2015 - now	-Name: Ministerie van Landbouw, Natuur en Voedselkwaliteit (Ministerie van LNV), Ministry of Agriculture, Nature and Food Quality, The Hague, NETHERLANDS	Work group "Decision Tree Leaching (Tier 1)". The remit is to update the first tier of the Dutch procedure for assessment of leaching to groundwater (this update is needed because the higher-tier tool used for this assessment has changed). The delivered advice will be considered by the Dutch Government and it is expected that this government will instruct the Dutch pesticide registration authority to follow this advice. The work group will deliver a report with the advice. I am a member of this work group. As described above, this work group will provide a scientific advice to the Dutch government. Impact on annual earnings: <5%
	10/2007 - now	-Name: Dutch Government	Dutch Governmental Workgroup Exposure Aquatic Organisms. I chaired this workgroup until March 2010 and am since then a member of this workgroup; its aim is to provide guidance for exposure assessment of aquatic organisms for Dutch pesticide registration. The workgroup operates on the principle of scientific consensus which implies that I have the right to vote. Impact on annual earnings: <5%
	01/2006 - 03/2015	-Name: Dutch Government	Workgroup for testing Dutch leaching assessment procedure. Until June 2012 I chaired this workgroup and thereafter I was a member of this workgroup. Its aim was to test whether the existing Dutch assessment procedure for leaching to groundwater is adequate and to improve the procedure as necessary. The workgroup operated on the principle of scientific consensus which implies that I had the right to vote. Impact on annual earnings: <5%

IV. Employment	05/1980 - now	-Name: Wageningen Environmental Research	<p>Wageningen Environmental Research (WEnR) is a not for profit organisation which is part of Wageningen University and Research Centre.</p> <p>Its purpose is to conduct independent applied scientific research in the field of environmental sciences. In 2016, 48% of the funding of WEnR was provided by the Dutch Ministry of Agriculture, Nature and Food Quality, 19% by other Dutch ministries, 12% by the European Union, 17% by the private sector, and 4% by other funds (e.g. FAO, CEFIC, science foundations).</p> <p>WEnR conducts scientific research and develops scientific methods related to the risk assessment of pesticides. WEnR as an organisation has not developed and published RA guidance or methodologies used in the regulatory process but WEnR scientists (including myself) have developed and published such guidance and methodologies in co-operation with scientists from other institutes inside and outside the Netherlands (see my declarations as member of scientific advisory bodies).</p> <p>WEnR owns a number of software packages and computational models that are used in for regulatory risk assessments in the Netherlands and/or at the EU level or in other countries (including GeoPEARL, PEARL, PEARLNEQ, TOXSWA, TOP_RICE, SWASH, DROPLET, MASTER, PERPEST). Most of these tools are available via internet and if so, they are free of charge. GeoPEARL and PEARL are co-owned by the Dutch research institutes RIVM and PBL. WEnR has no official capacity of risk management.</p> <p>I am a senior research scientist in the Environmental Risk Assessment (ERA) team of WEnR. I perform research and/or lead projects on (i) leaching to groundwater, (ii) exposure of aquatic organisms, (iii) exposure of soil organisms, (iv) exposure of bees as a result of foraging, (v) emissions from protected crops to groundwater and surface water, all funded by the Dutch Ministry of Agriculture, Nature and Food Quality (funding is paid to WEnR). These projects intend to develop, improve or underpin methodologies for assessing environmental exposure of plant protection products. The deliverables are scientific papers and reports and new or improved versions of software packages needed to perform the exposure assessments. Sometimes I perform environmental exposure assessments for the Dutch authority for registration of plant protection products (Ctgb); this amounted to <1% of my annual earnings in the past five years.</p> <p>There is a possibility that I will provide advice to chemical industry on environmental exposure assessments; this is a task which I would perform on behalf of WEnR as part of its provision of Expertise & Services to stakeholders; there were no such earnings in the past five years.</p> <p>All external funding is paid to WEnR.</p> <p>On behalf of WEnR I play a role in the co-ordination of the governmental funded research of WEnR on environmental risk assessment of pesticides (funding from Dutch government).</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 WEnR and EFSA.</p> <p>Impact on annual earnings: >25%</p>
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V. Occasional consultancy			NO INTEREST
VI. Research funding	07/2002 - now	-Name: Dutch Ministry of Agriculture, Nature and Food Quality	This Dutch Ministry funded our research related to exposure assessment of pesticides in the environment including guidance development on various subjects. More than 90% of my activities in past five years were funded by this part of the Dutch Government. Deliverables are mainly scientific reports describing proposals for guidance for environmental exposure assessments of plant protection products and new or improved versions of software packages for these assessments. I am not paid personally by the ministry: funding goes to WEnR.
	11/2016 - 10/2017	-Name: Nefyto (i.e. the Dutch association of producers of plant protection products, the Hague, the Netherlands) and LTO Glaskracht (i.e. the Dutch association of greenhouse growers, Bleiswijk, the Netherlands)	This was a project that aimed to measure adsorption of two pesticides to materials used in soilless cultures in greenhouses in the Netherlands. The results are described in a report that is publicly available. The funding went directly to WEnR. This activity corresponded to approximately 1% of my research time in 2016 and 2% of my research time in 2017.
VII. Intellectual property rights			NO INTEREST
VIII. Other memberships or affiliations			NO INTEREST
IX. Other relevant interest	01/1999 - now	-Name: Wageningen Environmental Research	Development of software and databases that are used for exposure assessment of pesticides in NL, at EU level and other countries. I am a member of the team that developed a number of software packages and models including PEARL, GeoPEARL, TOXSWA, TOP_RICE and PEARLNEQ. Impact on annual earnings: <5%
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: 17/12/2017 Signature: **SIGNED**