

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: VAN DER WERF, Wopke

Title: Prof.

Profession: Professor

Current EFSA involvements: Member-PLH Panel 2012-2015 (PLH), Member-WG *Guignardia citricarpa* pest risk assessment (PLH)

Nature of Activities	Period	Organisation	Subject matter
I. Economic interest	12/2009 - now	-Name: Bonacieux, Louis,	Investment Private Exploiting see ships I own shares (€15,000 per ship) in each of two ships operated by Brieše Shipping Company Scheemda Netherlands. http://www.brieše.nl/Brieše_Fleet_Bonacieux.html

	10/2008 - now	-Name: Universal Marine A-Bulk Fund	<p>I own a share (€5000) in a shipping fund (Universal Marine A-Bulk Fund). Investment. Private entity. Exploiting cargo ships ms Universal Antwerpen and Universal Amsterdam</p> <p>http://www.universalmarine.nl/en/fleet/bulk-carrier-22000-tdw</p> <p>Ships may be used for cargo of food and/or feed. The purpose of these investments is return on investment. I do not engage in any operational decisions.</p>
II. Member of a management body or equivalent structure			NO INTEREST
III. Member of a scientific advisory body			NO INTEREST
IV. Employment	09/1987 - now	-Name: Wageningen University	<p>Education and Research</p> <p>I am employed as associate professor at Wageningen University, Plant Sciences Department, Centre for Crop Systems Analysis, Crop & Weed Ecology Group. My job is described as 45% teaching, 45% research and 10% management.</p> <p>My research is on quantitative agro-ecology in a wide sense. This research aims at developing insights and tools for sustainable and healthy cropping systems that optimize production, resource use efficiency, and natural pest regulation based on natural mechanisms, including biotic interactions and spatial processes. I conduct, for instance, research on biological control of insects with viruses, dispersal of beneficial insects at field and landscape scale, disease spread at landscape scale and beyond, intercropping for high productivity and sustainable land use, ecology and biological control of weeds, and much more. My main strength is on the interface of field-based experimental studies and mathematical modelling. My teaching involves BSc-, MSc- and PhD-level courses in Population and Systems Ecology, Agrobiodiversity, Mathematics and Statistics, and Ecological Modelling. An important part of research is conducted in the form of PhD research. I have a large international network of collaborators.</p> <p>Management includes membership of the management team of the group which means taking decisions with respect to financial management, human resources, and other operational or strategic affairs. Furthermore, the activities in course teaching and research include a fair bit of administration and management of the resources and people.</p>
V. Ad hoc or occasional consultancy			NO INTEREST
VI. Research funding	11/2012 - now	-Name: European commission, Brussels	<p>EU project, FP7: QUESSA: Quantification of Ecosystem services for Sustainable Agriculture</p> <p>We will be responsible for spatially explicit modelling of mobile-agent based ecosystem services (biological control, pollination) in agricultural landscapes, and evaluation of the role of semi-natural habitats in supporting these services.</p> <p>No private sector funding.</p>

	10/2012 - now	-Name: National Science Foundation of China, Beijing	<p>Intercropping for food security and sustainable use of resources. We will be responsible for modelling and empirically analysing the performance of mixed cropping systems for production of foods in China. Intercropping is a mode of crop cultivation that can enhance productivity and resource use efficiency, and suppress pests and diseases. The project supports international collaboration.</p> <p>No private sector funding.</p>
	12/2011 - now	-Name: EFSA, European Food Safety Authority, Italy, Parma	<p>Development of probabilistic models for quantitative pathway analysis of plant pests introduction for the EU territory (CFT/EFSA/PLH/2011/03)</p> <p>No private sector funding.</p>
	09/2011 - now	-Name: Dutch Science Foundation, Den Haag, The Netherlands	<p>The Dutch Science foundation has funded a 3-year postdoc project on:</p> <p>Exploiting knowledge on habitats used by arthropods to predict value of ecosystem services in agricultural landscapes</p> <p>We will analyse databases on habitat associations of arthropods and literature sources on dispersal of different functional groups of insects to build process-based predictive models of the spatial distribution of ecosystem services in diversified landscapes. In particular, we will predict the consequences of species composition in source habitats, area of source habitats, and distance between sources and targets on the outcome of pest-natural enemy interactions, and the level of pollination. Predictions of ecosystem services will be complemented with an analysis of costs and economic benefits.</p> <p>Funding is not received in personal capacity.</p> <p>No private sector funding.</p>
	03/2011 - now	-Name: European Commission, Brussels	<p>PURE: Pesticide Use and Risk for Europe. I coordinate a workpackage on the use of modelling tools to develop scenarios for the sustainable use of resistance in crop systems by preventing or delaying the development and spatial spread of super strains of pathogens or weeds. This work combines the modelling of population genetics and spatial population dynamics.</p> <p>Funding is not received in personal capacity.</p> <p>No private sector funding.</p>
	03/2011 - now	-Name: Nuffic: Collaborating Dutch Universities, Den Haag, The Netherlands	<p>Biodiversity of baculoviruses of <i>Spodoptera litura</i> in Pakistan</p> <p>In March 2011, a student from Pakistan has started research on the collection and characterization of baculoviruses as potential biocontrol agents for the armyworm <i>Spodoptera litura</i>. He will do the genetic and phenotypic characterization, focusing on speed of kill, virus yield and dose response. Experimental evolution techniques may be used to develop more effective virus strains.</p> <p>Funding is not received in personal capacity.</p> <p>No private sector funding.</p>

	09/2010 - now	-Name: China Scholarship Council	<p>Intercropping for increased productivity, enhanced resource use efficiency and plant health</p> <p>I supervise currently five PhD students on ecological and economic aspects of mixed cropping systems in collaboration with China Agricultural University. Scholarships for the students are provided by the China Scholarship Council. The students study (1) carbon sequestration in soils; (2) functional structural plant modelling of plant morphogenetic responses and light interception in mixed plant systems; (3) resource use efficiency & meta-analysis of literature; (4) role of intercropping in food security and optimal land use; (5) economic analysis of intercropping. Related collaborative work with the Cotton research institute and with Yunnan Agricultural University addresses intercropping effects on pest, diseases, and on pest natural enemies.</p> <p>Funding is not received in personal capacity.</p> <p>No private sector funding.</p>
	08/2010 - now	-Name: International Food Policy Research Institute, Washington D.C., USA	<p>Landscape Diversity and Ecosystem Services in Agricultural Ecosystems: Implications for Sustainable growth and Rural Poverty in China</p> <p>In the collaborative research, covered by the contract with IFPRI, and co-financed by the National Environmental Research Council of the UK, we analyse ecosystem services (biological control and pollination) in different landscape settings in China, and elucidate the linkages between ecosystem services and farmer livelihoods. The research programme includes a combination of empirical field research on ES, analysis of agricultural research station records and household surveys, and modelling for synthesis, upscaling and exploration.</p> <p>Funding is not received in personal capacity.</p> <p>No private sector funding.</p>
	03/2008 - 07/2011	-Name: European Commission, Brussels, Belgium	<p>PRATIQUE: Enhancement of pest risk analysis techniques</p> <p>My role in PRATIQUE was the coordination of a task on continental scale modelling of pest invasion processes. Furthermore I was involved in the development of an integrated framework for economic assessment of invasive pests into the EU territory.</p> <p>Funding is not received in personal capacity.</p> <p>No private sector funding.</p>
	02/1999 - 08/2009	-Name: Organization for Economic Cooperation and Development, Paris, France	<p>I have received grants from the OECD to conduct research on sustainable agriculture in the United States of America. All three times I have been to Utah State University, in Logan Utah, to conduct research on spatial ecology of beneficial insects in agricultural systems in collaboration with dr Jim Powell (Math & Stats) and dr Ted Evans (Biology). the first grant was for a period of 6 months in 1999; the second grant was for a period of 3 months in 2004, the third for a period of 3 months in 2009. Activities included both field work on dispersal of ladybeetles as modelling research and preparation of a book on spatial modelling in agro-ecology.</p> <p>No private sector funding.</p>

VII. Intellectual property rights			NO INTEREST
VIII. Other membership or affiliation	01/2009 - now	-Name: Association of Applied Biologists	Professional Society of Applied Biologists I am a member, receiving news and mailings, at times participating in conferences or publishing in the Annals of Applied Biology.
	01/2007 - now	-Name: IOBC Working Group Landscape Management for Functional Biodiversity	Professional working group for studies on landscape management for pest and disease suppression and improved biological control Member
	01/2001 - now	-Name: Entomological Society of America	Professional Society of Entomologists I am a member, receiving news and mailings, at times participating in conferences or publishing in ESA journals.
	01/2001 - now	-Name: American Phytopathological Society	Professional Society of Plant Pathologists I am a member, receiving news and mailings, and at times participating in conferences or publishing in APS journals.
	01/2001 - now	-Name: European Weed Research Society	Professional Society for Weed Research I am a member, receiving news and mailings, and at times participating in conferences or publishing in Weed Research.
	01/1980 - now	-Name: Royal Dutch Phytopathological Society KNPV	Professional Society for Plant Health I am a member, receiving news and mailings, at times participating in conferences or publishing in the KNPV journal Gewasbescherming.
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: 05/01/2013 Signature: **SIGNED**