

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: SOUSA , Paulo

Title: Prof.

Profession: Biologist, University Professor

Current EFSA involvements: Member-PPR Panel 2012-2015 (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	02/2009 - 07/2012	-Name: EFSA, European Food Safety Authority, Italy, Parma	Member - PPR Panel 2009-2012 (PPR)
	05/2009 - 12/2011	-Name: EFSA, European Food Safety Authority, Italy, Parma	Member - WG Ecotoxicological Effects (PPR)
	05/2009 - 11/2011	-Name: EFSA, European Food Safety Authority, Italy, Parma	Member - WG Ecoregions (PPR)
	06/2008 - 09/2009	-Name: EFSA, European Food Safety Authority, Italy, Parma	Member - revision of GD persistence in soil/ECOTOX (Bugs) (PPR)

IV. Employment	01/1994 - now	-Name: University of Coimbra	<p>Remit of employer: Higher education and research Position: Professor, researcher Activities: teaching; research activities in soil ecology and ecotoxicology</p> <p>At the university I: - do not participate in regular activities (research or consultancy) to obtain data envisaging the authorization of plant protection products; - have not been involved in any regulatory assessment of plant protection products; - never developed and published RA guidance or methodologies used in a regulatory process of plant protection products.</p> <p>The university has not an official capacity of Risk Management nor has developed or has been involved in the development of models or software used for risk assessment of plant protection products.</p> <p>As reseracher at thge University of Coimbra, I was involved in a procurement sponsered by EFSA on "Development of a biogeographical data base and of a draft European ecoregion map (EU-27), based on Lumbricidae, Collembola, Isopoda and Enchytraeidae biogeographical and taxonomic literature" (CT/EFSA/PPR/2008/01)</p>
V. Ad hoc or occasional consultancy	08/2005 - now	-Name: EMBRAPA	<p>EMBRAPA is a public enterprize. I have been acting as a consultant for the implementation of soil ecotoxicological methods for tropical environments. Consultancy payment (travel and a daily allowance) comes from public funding and comes directly to my account. At EMBRAPA the consultant is appointed by invitation.</p> <p>Consultancy given has no direct implication on the authorization of plant protection products</p>
	01/2000 - now	CONFIDENTIAL	<p>Service rendering for consulting company involving soil ecotoxicological testing of pesticides (client: RAIZ - forestry management consulting companies). RAIZ is involved in giving advice and technical support to several entities (their associates and other private or public entities) in the sector of forestry management (essentially on the paper industry sector). RAIZ is not involved in any type of pesticide research nor have any activities linked to pesticide registration. The studies I am involved aim at evaluating possible effects of insecticide application in eucalyptus plantations (done with the aim of eliminating existing pests associated to these plantations) towards non-target organisms. The results produced are not to be used by pesticide companies or for regulatory purposes in PPP authorizations.</p> <p>Funds received go to the Research Institute</p>

	01/2000 - now	CONFIDENTIAL	<p>Service rendering for consulting company involving soil ecotoxicological testing of pesticides and evaluating effects on soil organism communities (client: ALTRI FLORESTAL - forestry management consulting companies). ALTRI FLORESTAL is involved in giving advice and technical support to several entities (their associates and other private or public entities) in the sector of forestry management (essentially on the paper industry sector). ALTRI FLORESTAL is not involved in any type of pesticide research nor have any activities linked to pesticide registration. The studies I am involved aim at evaluating possible effects of insecticide application in eucalyptus plantations (done with the aim of eliminating existing pests associated to these plantations) towards non-target organisms. The results produced are not to be used by pesticide companies or for regulatory purposes in PPP authorizations.</p> <p>Funds received go to the Research Institute</p>
	01/2000 - now	-Name: LQA - Ambiente	<p>Service rendering for a consulting company involving soil ecotoxicological tests in contaminated sites for site ERA (client: LQA Ambiente - environmental consulting company). This company is mainly involved in rendering services related to environmental engineering and chemical analysis (also including analysis of pesticides, but mainly chemical analysis of other contaminants in industrial contaminated sites). However, to my knowledge, they have never been involved in producing data used for the registration of plant protection products. Besides, as mentioned earlier none of the occasional consultancy I render to this company were or are related to plant protection products, but with soil contaminated with organic pollutants and/or metals from industrial sites not related to pesticide producing factories.</p> <p>Funds received go to the Research Institute</p>
VI. Research funding	03/2011 - now	-Name: Ministry of Agriculture	<p>Soil biodiversity monitoring project. Funding to establish the national soil biodiversity monitoring network. The outcome will be a study report.</p> <p>The outcome will not be used for the authorization of plant protection products</p> <p>I have not been paid directly for this activity. Funds go to the research institute</p>

	01/1996 - now	-Name: Fundação para a Ciência e Tecnologia	<p>Soil ecology and soil ecotoxicology projects.</p> <p>1996-1999 - "Ecotoxicidade e Biodisponibilidade de Agroquímicos em Sistemas Terrestres" JNICT (PBIC/AGR/2305/95) - study of effects and toxicokinetics of chlorinated compounds on soil isopods and oligoquetes</p> <p>2002-2005 - "Sistemas de uso do solo e a diversidade de fungos micorrízicos em ecossistemas de montado" FCT (POCTI/AGG/42349/2001) - optimization of microbial and faunal indicators to evaluate habitat quality in cork-oak forests</p> <p>2007-2009 - "Estratégias para acelerar a biodegradação de Atrazina em solos, águas e sedimentos e avaliação da ecotoxicidade deste herbicida e dos seus metabolitos" FCT (POCI/AMB/56039/2004) - scaling-up of a bioremediation tool to apply in soils contaminated with triazines</p> <p>2007-2010 - "HERBITOXBIOAS - Development of bioassays for herbicide toxicity based on gene expression profiling using yeast cells" FCT (PTDC/AMB/64230/2006) - validation of the sensitivity of a genomic tool as a screening tool for triazines contamination</p> <p>2008-2010 – “Avaliação agronómica e ambiental da adição de lamas da indústria de curtumes no solo - contribuição para a definição de valores limite” FCT (Convénio FCT/CAPEs 2008 - Procº 4.1.3 / CAPES/CPLP) - Derivation of screening levels for the application of tannery sludges in southern Brazil</p> <p>2011-2013 - "Terbazine Biorem - Estudos sobre a eficácia e aumento de escala de estratégias de bioremediação para solos contaminados com o herbicida terbutilazina" FCT (PTDC/AAC-AMB/111317/2009) - Evaluation of the efficacy of several remediation strategies for soils contaminated with triazines</p> <p>2011-2013 - "A utilização de indicadores biológicos como ferramentas para avaliar o impacto de práticas agrícolas na sustentabilidade do olival" FCT (PTDC/AGR-PRO/111123/2009) - Evaluation of of management practices and landscape structure on biodiversity patterns of soil fauna in olive groves</p> <p>2011-2013 - "SALTFREE- Previsão de efeitos da salinização em ecossistemas costeiros dulçaquícolas e edáficos devido às alterações climáticas" FCT (PTDC/AAC-CLI/111706/2009) - Evaluation of the changes in pesticide risk due to soil salinization and erratic climatic events</p> <p>2012-2014 - "ReaLISE – Determinação de Limites de Risco para a Protecção do Ecossistema Solo de Compostos Emergentes" FCT (PTDC/AAC-AMB/120697/2010) Ecotoxicological testing with emergent substances (nanomaterials)</p> <p>2012-2014 - "ResOrgRisk - Avaliação do risco ambiental da utilização de resíduos orgânicos como correctivos do solo" FCT (PTDC/AAC-AMB/119273/2010). Semi-field testing to evaluate effects of organic residues in soil and groundwater</p> <p>The outcome of these projects is not to be used for the authorization of plant protection products</p> <p>In all these projects funding was given to the research institute at the</p>
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			University and I was/am not being paid directly.
	01/1996 - now	-Name: European Union	<p>Soil ecology and soil ecotoxicology projects.</p> <p>1997-2000 - "The use of terrestrial ecosystems (TME's) to assess environmental risks in ecosystems" ENV4-CT97-0470 - Intercalibration and field validation of a TME</p> <p>2000-2003 – European Biodiversity Assessment Tools (BIOASSESS) EVK4 -CT99-00280 - Evaluate the effects of land-use gradient on biodiversity patterns of several fauna indicators</p> <p>2002-2005 - "Vulnerability of Ecosystem services to land use changes in traditional agricultural systems - VISTA" EVK2- 2002-00168 - Evaluate changes on biodiversity patterns of soil fauna from agricultural areas</p> <p>2006-2009 - " Rationalising biodiversity conservation in dynamic ecosystems (RUBICODE)" GOCE-CT-2006-036890 - Development of concepts and strategies to evaluate ecosystems services across different ecosystems</p> <p>2011-2014 – “ECOFINDERS – Ecological Function and Biodiversity Indicators in European Soils” - Validation of indicators of biodiversity to comply with EU policies; evaluate relationships between biodiversity and ecosystem service provision</p> <p>2012-2014 - "TRAINBIODIVERSE – Training for functional soil microorganism biodiversity” EU FP7 – Marie Curie Training Network (PITN-GA-2011-289949). Research and training activities related to the interaction between soil fauna and soil microorganisms and soil ecosystem functions.</p> <p>In none of these projects the data is to be used for the authorization of plant protection products.</p> <p>In all these projects funding was given to the research institute at the University and I was/am not being paid directly.</p>

	01/2002 - 12/2006	-Name: CRUP (Council of Rectors of Portuguese Universities)	<p>Soil ecology and soil ecotoxicology projects. CRUP (Council of Rectors of Portuguese Universities) gives funding for small research projects (working as bilateral agreements) between portuguese and foreign researchers.</p> <p>In none of these projects the data is to be used for the authorization of plant protection products.</p> <p>Funding is given for missions only and is attributed directly to coordinators from each country. In the following projects I was the coordinator for portuguese participation.</p> <p>2002-2003 - "Advancing opportunities for the development of an indicator tool kit to measure effects of land use change on biodiversity in terrestrial ecosystems" CRUP - Acções Integradas Luso-Britânicas (Acção Nº B 1/02) - Evaluating biodiversity changes along a landscape fragmentation gradient in Portugal and the UK</p> <p>2005-2006 - "Avaliação do potencial ecotoxicológico de solos contaminados em ambientes Mediterrânicos – Selecção de solos de referência" CRUP - Acções Integradas Luso-Espanholas (Acção Nº E 5/05) - Creation of a "library" of mediterranean reference soils for ecotoxicological testing</p>
VII. Intellectual property rights			NO INTEREST
VIII. Other membership or affiliation			NO INTEREST
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: 04/11/2012 Signature: **SIGNED**