Curriculum vitae

1. Dados pessoais
1. Personal data

Nome completo
Full name
Michiel Adriaan Daam

Local e data de Nascimento
Birth place and date
Elst (The Netherlands), 03-02-1976

Pais de nacionalidade
Nationality
Dutch

Morada institucional
Institutional address
Instituto Superior de Agronomia
Tapada da Ajuda
1349-017 Lisbon
PORTUGAL

Contactos
Contact data
Telefone: +351 21 365 3224
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2. Formação académica
2. Academic degrees

Ano Year	Grau académico Academic degree	Instituição Institution	Classificação Classification
2008	PhD	University of Aveiro (Portugal)	Approved
2001	M.Sc.	University of Nijmegen (The Netherlands)	Approved
2001	M.Sc.	University of Nijmegen (The Netherlands)	Approved

3. Actividades anteriores e situação actual em termos científicos e/ou profissionais
3. Previous and current scientific and/or professional activities

Período Period	Cargo ou categoria Position or category	Instituição Institution
2008 - present	Research scientist	Instituto Superior de Agronomia/Technical University of Lisbon, Portugal
2002 - 2008	PhD	University of Aveiro, Portugal
2001 - 2002	Junior research scientist	Alterra, Wageningen University and Research Centre, The Netherlands

4. Área de actividade científica
4. Area of scientific activity

Michiel Daam carries out research into the ecotoxicology of pesticides in integrated production systems towards natural resources protection. He works at the *Centro de Estudos de Engenharia Rural* (CEER) and is physically based at *Instituto Superior de Agronomia* (ISA). Main areas of scientific activity include: Agricultural and Environmental sciences; pesticide science; ecotoxicology; environmental fate and effects of pesticides in aquatic (model) ecosystems; ecological risk assessment; tropical freshwater ecotoxicology of pesticides.

5. Domínio de especialização
5. Domain of specialization

Domínio de especialização
Domain of specializations

Michiel Daam has been involved in various studies into the scientific underpinning of ecological risk assessment procedures, including the influence of model ecosystem set-up and climatic conditions on pesticide fate and effects. For this, he conducted and has been involved in various microcosm studies under temperate as well as tropical conditions.

Actuais interesses de investigação
Present research interests

Spatial and temporal extrapolation of results from higher tier risk assessment studies; Ecological risk assessment on the soil-water interface; Fate and effects of pesticide mixtures; Pesticide fate models and environmental indicators; Integrated pest management; Tropical freshwater ecotoxicology.

Outras competências/actividades
Other skills/activities

Regular article reviewing for the journals "Environmental Toxicology and Chemistry", "Ecotoxicology", and "Ecotoxicology and Environmental Safety"

6. Actividade docente
6. Teaching activity

Michiel Daam participated in an international EU-funded research project entitled “Managing Agrochemicals in Multi-use Aquatic Systems” (MAMAS), with research partners from Europe and Asia. This included training in pesticide risk assessment procedures and analytical protocols as well as supervision of the project team in Thailand.

At the Instituto Superior de Agronomia (ISA), he gave several lectures by invitation for bachelor and master courses: Agriculture, Environmental Engineering and Biology (academic year 2008-2009)

7. Participação em projectos
7. Participation in research projects

* O nemátode da madeira do pinheiro (NMP), Bursaphelenchus xylophilus ("The pinewood nematode Bursaphelenchus xylophilus"), 2009 (annual renewal up to five years). Funded by Autoridade Florestal Nacional (AFN; "National Forest Authority") of the Portuguese Ministry of Agriculture. Protocol AFN/ISA.

* Managing Agrochemicals in Multi-Use Aquatic Systems (MAMAS), 2002-2006. Funded by EU 5th Framework INCO-DEV programme (Contract no. ICA4-2000-10247).

* Effects of the herbicide 2,4-D on the growth of nine aquatic macrophytes, 2000-2002. Funded by UK Department of Environment, Food and Rural Affairs (DEFRA) and Dutch Ministry of Agriculture Nature and Food. Safety (DLO/PO research programme 416).

* Microcosm experiments for the chemical industry (confidential) Effects of pesticides on the ecology of aquatic ecosystems, 2003. Funded by the Chemical industry.

* Effects of three pesticides that differ in mode of action on the ecology of small indoor aquatic microcosms, 2000-2001. Dutch Ministry of Agriculture Nature and Food Safety (DLO Research programme 359).

8. Publicações
8. Publications

Teses / Thesis

Daam MA (2008). Influence of climatic factors and microcosm complexity on the fate and effects of pesticides. Doctoral thesis University of Aveiro, Aveiro, Portugal.

Artigos em revistas de circulação internacional com arbitragem científica / Papers in international scientific periodicals with referees

Daam MA, Satapornvanit K, Van den Brink PJ, Nogueira AJA (2009). Sensitivity of macroinvertebrates to carbendazim under semi-field conditions in Thailand: Implications for the use of temperate toxicity data in a tropical risk assessment of fungicides. Chemosphere 74: 1187-1194.

Daam MA, Rodrigues AMF, Van den Brink PJ, Nogueira AJA (2009). Ecological effects of the herbicide linuron in tropical freshwater microcosms. Ecotoxicology and Environmental Safety 72: 410-423.

Daam MA, Van den Brink PJ, Nogueira AJA (2009). Comparison of fate and ecological effects of the herbicide linuron in freshwater model ecosystems between tropical and temperate regions. Ecotoxicology and Environmental Safety 72: 424-433.

Daam MA, Crum SJH, Van den Brink PJ, Nogueira AJA (2008). Fate and effects of the insecticide chlorpyrifos in outdoor plankton-dominated microcosms in Thailand. Environmental Toxicology and Chemistry 27: 2530-2538.

Daam MA, Van den Brink PJ, Nogueira AJA (2008). Impact of single and repeated application of the insecticide chlorpyrifos on freshwater plankton communities under tropical conditions. Ecotoxicology 17: 756-771.

Daam MA, Van den Brink PJ (2007). Effects of chlorpyrifos, carbendazim and linuron on the ecology of a small indoor aquatic microcosm. Archives of Environmental Contamination and Toxicology 53(1): 22-35.

Satapornvanit K, Baird DJ, Little DC, Milwain GK, Van den Brink PJ, Beltman WHJ, Nogueira AJA, Daam MA, Domingues I, Kodithuwakku SS, Perera MWP, Yakupitiyage A, Sureshkumar SN, Taylor GJ (2004). Risks of pesticide use in aquatic ecosystems adjacent to mixed vegetable and monocrop areas in Thailand. Australasian Journal of Ecotoxicology 10: 85-95.

Outras publicações / Other publications

Reports:

Daam MA, Van den Brink PJ (2003). Effects of three pesticides that differ in mode of action on the ecology of small indoor aquatic microcosms. An evaluation of the effects of the insecticide chlorpyrifos, the herbicide linuron and the fungicide carbendazim. Alterra report 788, Wageningen, The Netherlands. 65 pp.

Van den Brink PJ, Sureshkumar SN, Daam MA, Domingues I, Milwain GK, Beltman WHJ, Perera MWP, Satapornvanit K (2003). Environmental and human risks of pesticide use in Thailand and Sri Lanka. Results of a preliminary risk assessment. Alterra report 789, Wageningen, The Netherlands. 89 pp.

Other:

Dang ZC, Lock RAC, Daam MA, Hogstrand C, Flik G, Wendelaar Bonga SEW (2000). Evidence that cortisol does not mediate metallothionein expression in tilapia gills. In Dang ZC. Adaptive stress responses in fish gills. Doctoral thesis University of Nijmegen, Nijmegen, The Netherlands. pp: 93-106.

9. Comunicações
9. Communications

Daam MA, Nogueira AJA, Van den Brink PJ, Yakupitiyage A, Satapornvanit K (2004). Fate and effects of the insecticide chlorpyrifos; a comparison between temperate and tropical conditions. Platform presentation at the Fourth International SETAC congress, November 2004, Portland, Oregon, U.S.A.

10. Línguas
10. Language

Língua **Language**	**Leitura** **Reading**	**Escrita** **Writing**	**Conversação** **Conversation**
Dutch	Mother tongue		
English	Good	Good	Good
Portuguese	Good	Fair	Good
German	Good	Slight	Fair
French	Slight	-	Slight