

BIOGRAPHY

16-07-2012



Title and name

Dr. Robert Luttik

Nationality

Dutch

Panel

Scientific Committee

Education

Doctoral exam in Mathematics and Physics (Botany, Zoology and Aquatic Ecology) in 1982 (University of Amsterdam).

Doctor's degree in Mathematics and Physics in 2003 (University of Leiden).

Scientific and risk assessment experience

1. Ecology (terrestrial and aquatic)
 2. Ecotoxicology
 3. Environmental risk assessment of plant protection products
 4. Environmental risk assessment of biocides
 5. Probabilistic modelling (small sample statistics)
 6. Food chain modelling
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Main scientific publications

Luttik, R. (2003) Risk assessment scheme for the impact of plant protection products on birds and mammals. Thesis, Leiden University, The Netherlands.

Luttik, R., R. Barfknecht, M.A. Clook, A.D.M. Hart, G. Joerman and P.J. Lawlor (2003) Environmental Risk Assessment Scheme for Plant Protection Products: Birds and Mammals. EPPO bulletin **33**:211-238.

Luttik, R., P. Ashby, P. Dohmen, J.J. Dulka, F. Rocha, A.J.W. Rotteveel and P. Zwerger (2003) Environmental Risk Assessment Scheme for Plant Protection Products: Non-target higher plants. EPPO bulletin **33**: 239-244.

Luttik, R. and G.R. de Snoo (2004) Characterisation of grit in arable birds - to improve pesticide risk assessment. *Ecotoxicology and Environmental Safety* **57**: 319-329.

De Snoo, G.R. and R. Luttik (2004) Availability of pesticide-treated seeds on arable land. *Pest Management Science* **60**: 501-506.

Luttik R, Mineau P, Roelofs W (2005). A Review of Interspecies Toxicity Extrapolation in Birds and Mammals and a Proposal for Long-term Toxicity Data. *Ecotoxicology* **14**: 817-832.

Franeker van J.A. and R. Luttik (2008) Colour and size variation in the Northern Fulmar *Fulmarus glacialis* on Bear Island, Svalbard. In: A passion for the pole, edited by L. Hacquebord and N. Boschman, 39 – 58, Arctisch Centrum, University of Groningen, The Netherlands, ISBN 9789077922408.

- Benfenati E, G. Gini, S. Hoffmann and R. Luttik (2010) Comparing *In Vivo*, *In Vitro* and *In Silico* Methods and Integrated Strategies for Chemical Assessment: Problems and Prospects. *ATLA* **38**: 1–14.
- Luttik, R., A. Hart, W. Roelofs, P. Graig and P. Mineau (2011) Variation in the level of protection afforded to birds and crustaceans exposed to different pesticides under standard risk assessment procedures. *Integrated Environmental Assessment and Management* — Volume 7, Number 3— pp. 459–465
- Craig, P.S. and G.L. Hickey, T. Aldenberg and R. Luttik (2012) On species non-exchangeability in probabilistic ecological risk assessment. *J. R. Statist. Soc. A* (2012) **175**, Part 1, 243–262
- Nienstedt, K., T. Brock, J. van Wensem, M. Montforts, A. Hart, A. Hardy, A. Aagaard, A. Alix, J. Boesten, S. Bopp, C. Brown, E. Capri, V. Forbes, H. Koepp, M. Liess, R. Luttik, L. Maltby, P. Sousa, F. Streissl (2012) Development of a framework based on an ecosystem services approach for deriving specific protection goals for environmental risk assessment of pesticides. *Science of the Total Environment* 415 (2012) 31–38
- Wang, M and R. Luttik (2012) Population level risk assessment: practical considerations for evaluation of population models from a risk assessor's perspective. *Sciences Europe* 2012, 24:3, pp 11
- Peijnenburg, W., E. Capri, C. Kula, M. Liess, R. Luttik, M. Montforts, K. Nienstedt, J. Römbke, J. P. Sousa, J. Jensen. (2012, accepted) Evaluation of Exposure Metrics for Effect Assessment of Soil Invertebrates. *Critical Reviews*.
- Hickey, G.I., Craig, P.S. Luttik, R., de zwart, D. (2012) On the quantification of inter-test variability in ecotoxicity data with application to species sensitivity distributions. *Environmental Toxicology and Chemistry*, pp 8.
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