BIOGRAPHY

25/06/2012

Title and name
Patrick Van Beelen

Nationality
The Netherlands

Panel
Additives and products or substances used in animal feed (FEEDAP)

Education
PhD, 1984,Nijmegen University
Chemistry, 1980, Leiden University

Scientific and risk assessment experience
effects of pollutants on microbial communities
environmental risk assessment
pesticide evaluation
effects of thermal heat exchange in groundwater
groundwater, soil and sediment pollution
biodegradation
methanogens

Main scientific publications
My publications and reports are shown on https://sites.google.com/site/patrickvanbeelen/home. Below is a selection which were cited 0, 34, 20,49,36,18,119,17,17 and 23 times respectively.

1. Van Beelen, P., Wouterse, M.J., Masselink, N.J., Spijker, J. and Mesman, M., 2011. The application of a simplified method to map the aerobic acetate mineralization rates at the groundwater table of the Netherlands. J. Contam. Hydrol., 122(1-4): 86-95.
2. Schmitt, H., Haapakangas, H. and Van Beelen, P., 2005. Effects of antibiotics on soil microorganisms: Time and nutrients influence pollution-induced community tolerance. Soil Biol. Biochem., 37(10): 1882-1892.
3. Van Beelen, P., Wouterse, M., Posthuma, L. and Rutgers, M., 2004. Location-specific ecotoxicological risk assessment of metal-polluted soils. Environ. Toxicol. Chem., 23(11): 2769-2779.
4. Schmitt, H., Van Beelen, P., Tolls, J. and Van Leeijwen, C.L., 2004. Pollution-induced Community Tolerance of Soil Microbial Communities Caused by the Antibiotic Sulfachloropyridazine. Environ. Sci. Technol., 38(4): 1148-1153.
5. Van Beelen, P., 2003. A review on the application of microbial toxicity tests for deriving sediment quality guidelines. Chemosphere, 53(8): 795-808.

6. Van Beelen, P., Fleuren-Kemilä, A.K. and Aldenberg, T., 2001. The relation between extrapolated risk, expressed as Potentially Affected Fraction and community effects, expressed as Pollution Induced Community Tolerance. Environmental Toxicology and Chemistry, 20(5): 1133-1140.
7. Van Beelen, P. and Doelman, P., 1997. Significance and application of microbial toxicity tests in assessing ecotoxicological risks of contaminants in soil and sediment. Chemosphere, 34(3): 455-499.
8. Van Beelen, P. and Burris, D.R., 1995. Reduction of the explosive 2,4,6-trinitrotoluene by enzymes from aquatic sediments. Environmental Toxicology and Chemistry, 14(12): 2115-2123.
9. Van Beelen, P., Fleuren-Kemilä, A.K., Huys, M.P.A., Van Montfort, A.C.P. and Van Vlaardingen, P.L.A., 1991. The toxic effects of pollutants on the mineralization of acetate in subsoil microcosms. Environmental Toxicology and Chemistry, 10(6): 775-790.
10. van Beelen, P. et al., 1984. Derivatives of methanopterin, a coenzyme involved in methanogenesis. European Journal of Biochemistry, 139(2): 359-65.