KWR

Investing in Opportunities

This project has received European Regional Development Funding through INTERREG IV B.

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INTERREG IVB

Program QSARs workshop - November 18, 2014

KWR - Nieuwegein

09.15 - 09.45	Reception and coffee/tea
09.45 - 10.00	Opening and introduction. *JP v.d. Hoek (Waternet and Delft University of Technology*
10.00 - 10.30	The role of in silico methods in the context of water treatment. *Simona Kovarich (S-IN Soluzioni Informatiche Srl; Italy)*
10.30 - 11.00	Rational Design of Aqueous-phase Advanced Oxidation Processes: Application of QSARs for Rate Constant Predictions and Various Kinetic Model Formulations. *Daisuke Minakata (Michigan Technological University, Department of civil and environmental engineering; USA)*
11.00 - 11.30	coffee break
11.30 - 12.00	A physico-chemical approach to predict trace organic contaminant removal by NF/RO membranes and activated carbon. *Arne Verliefde (University of Gent, Dept. of Applied Analytical and Physical Chemistry; Belgium)*
12.00 - 12.30	Use of QSARs in drinking water treatment: prediction of NF removal and UV/H_2O_2 oxidation. *Bas Wols (KWR Watercycle Research Institute, The Netherlands)*
12.30 - 13.30	lunch
13.30 - 14.00	QSAR for sorption processes: from classical neutral organics to emerging contaminants. *Joop Hermens (Utrecht University, Institute for Risk Assessment Sciences,Toxicology Division; The Netherlands)*
14.00 - 14.30	Case studies to exemplify the implementation of QSARs in risk assessments. *Willie Peijnenburg (Centre for Safety of Substances and Products RIVM - National Institute for Public Health and the Environment; The Netherlands)*
14.30 - 15.00	coffee break
15.00 - 15.30	Evaluation of QSPR Techniques for Wastewater Treatment Processes. *Erick Dickenson (Southern Nevada Water Authority; USA).*
15.30 - 16.15	discussions
16.15 - 16.30	closing
16.30	drinks