

Dirk van de Meent (Dik)  
born 3 December, 1950 (Alphen aan den Rijn, The Netherlands)  
male, married, two children (1980, 1982)

RIVM, Laboratory for Ecological Risk Assessment  
P.O. box 1, 3720BA Bilthoven, NL  
T: +31 274 3130, F: +31 30 274 4413  
E: [d.van.de.meent@rivm.nl](mailto:d.van.de.meent@rivm.nl)

Radboud University Nijmegen, Department of Environmental Science  
P.O. box 9010, 6500GL Nijmegen, NL  
T: +31 24 365 3284, F: +31 24 365 3030  
E: [dvdmeent@science.ru.nl](mailto:dvdmeent@science.ru.nl)

Willem de Zwijgerlaan 32, 3722JR Bilthoven, NL  
T: +31 30 229 0719  
E: [dvdm@meent.demon.nl](mailto:dvdm@meent.demon.nl)



## Education

- 1968-1976 *Chemistry and Chemical Engineering* at Delft University of Technology, Delft. Major fields: organic chemistry, analytical chemistry and organic geochemistry. Academic engineering degree (ir) November 1976.
- 1978-1981 *Doctoral research* at Delft University of Technology, Delft, NL; Title thesis: 'Particulate organic matter in the river Rhine delta – its role in trace metal scavenging'. Promotores: prof.dr.s. P.A. Schenck, prof.dr. J.W. de Leeuw. Doctoral degree in technical sciences (dr) August 1982.

## Positions

- 1977-1978 *Post doctoral fellow*, University of California at Berkeley, Laboratory of Chemical Biodynamics (dr. M. Calvin, dr. R.P. Philp). Research subject: chemical characterization insoluble organic matter in sediments (kerogen).
- 1982-1986 *Project manager Environmental Chemistry*, National Institute for Water Supply (RID), Leidschendam.
- 1986-1992 *Head Environmental Chemistry department*, National Institute of Public Health and the Environment (RIVM), Bilthoven. Laboratory of Water and Drinking water Research.
- 1992-1993 *Visiting scientist*, US EPA Environmental Research Laboratory, Athens, Georgia, USA. Development and application of multimedia fate models for evaluation of chemicals.
- 1993 - *Senior scientist*, National Institute of Public Health and the Environment. Laboratory of Ecotoxicology.
- 2004 - *Professor of Environmental Quality*, University of Nijmegen. Extraordinary chair position.

## Experience

- 1974-1982 *Analytical chemistry*. Instrumental organic analyses (analytical pyrolysis, gas chromatography and mass spectrometry)
- 1974-1982 *Geochemistry*. Occurrence and diagenesis of lipophilic compounds in sediments. Chemical structure of macromolecular organic matter ('humic substances') in sediments. Behavior of trace metals in aquatic sediments.
- 1982- *Environmental chemistry*. Wet deposition of acids, nutrients and trace contaminants. Trace organics in sea water. Sediment-water exchange of trace metals and trace organics. Sorption

- kinetics and availability of metals and organic compounds.
- 1993 - *Ecotoxicological effects assessment*. Calculating toxic pressure from species sensitivity distributions.
- 1982 - *Consultancy*. Evaluation and integration of environmental chemical knowledge as support for policy documents on environmental management. Integrated Assessment Reporting for priority pollutants. State of the environment reporting. National Environmental Outlooks.
- 1982-1992 *Management*. Project management research projects, line management research department
- 1986- *Teaching*. Teaching environmental chemistry and environmental fate and effects modeling in national and international (post-)academic training courses.
- 1984 - *Modeling and risk assessment*. Modeling distribution and fate of organic contaminants in the environment. Special focus on spreadsheet-based multimedia fate modeling (SimpleBox).

### Current activities

Actualization, improvement and optimization of multimedia fate models (e.g. spatial and temporal resolution). Use of multimedia fate models in screening substances for 'persistence in the environment' and 'long-range transport potential'. Use of multimedia fate models in calculating LCA impact factors. Model-based calculation of toxic pressure to ecosystems. Model-assisted selection of substances for environmental monitoring. Risk assessment of mixtures of substances. Development of environmental policy indicators for toxic substances. Environmental distribution and fate of synthetic nanomaterials.

### Professional side activities

- 1986-1992 Chairman Environmental Chemistry Section, Royal Netherlands Chemical Society
- 1988-1990 Local Organizing Committee International Workshop on QSAR in Ecotoxicology, 1990
- 1988-1990 Organizing Committee 12th ESPCB, 1990
- 1990-1992 Local Organizing Committee Second European Conference on Ecotoxicology, 1992
- 1997-1999 Steering Committee, SETAC Task Force on Environmental Persistence and Long-Range Transport of chemicals
- 1999-2005 Treasurer, Chemistry Circle, Royal Netherlands Chemical Society (KNCV)
- 2003- Organizing Committee, 16<sup>th</sup> Annual Meeting, SETAC Europe, 2006
- 2003- Scientific Committee, 16<sup>th</sup> Annual Meeting, SETAC Europe, 2006
- 2004- Board member, Netherlands Society Environmental Scientists (VVM)
- 2004- Member editorial board, SAR and QSAR in Environmental Research
- 2006- Member editorial board, Environmental Toxicology and Chemistry

### Membership professional organisations

- 1984 - Member of the Royal Netherlands Chemical Society (KNCV)
- 1987 -2004 Member of the Netherlands Society of Toxicology (NVT)
- 1989 - Member of the Society of Environmental Toxicology and Chemistry (SETAC), Europe
- 1989 -1998 Member of the Int. Association on Water Pollution Research and Control (IAWPRC)
- 2004- Member of the Netherlands Society of Environmental Professionals (VVM)

### Courses taught

- 1985- (Guest) lecturer on environmental chemistry and environmental fate modeling in graduate programs at NL universities (University of Amsterdam, Free University Amsterdam, Utrecht University, Wageningen University, Institute for Hydraulic Engineering Delft, Radboud University Nijmegen).
- 1986- Lecturer on environmental chemistry and environmental fate modeling in national and international training events (Univ. of Southampton, Post-Academic Education Netherlands, Indo-Dutch Training Courses on Ecotoxicology Lucknow/Nagpur/Madras, India, OECD Training Workshops on Pov/LRTP Modeling, Post-doctoral Training Courses in Toxicology,

SENSE graduate school).  
2004- Coordinator undergraduate course on Environmental Chemistry Radboud University Nijmegen.

**Supervision**

1990- Supervisor of students from various NL universities and laboratory schools (a.o. University of Amsterdam, Utrecht University, Wageningen University, Radboud University Nijmegen)  
2003- (Co)supervisor of four PhD candidates at Radboud University Nijmegen

**Scientific output**

(Co)author of 48 articles in peer-reviewed scientific journals, 25 publications in scientific books, 42 technical (RIVM) reports and 70<sup>+</sup> contributions to scientific meetings.

**Publications in scientific journals**

- D. van de Meent**, W.L. Maters, J.W. de Leeuw, P.A. Schenck. Formation of artifacts in sediments upon freeze-drying. *Organic Geochemistry* 1(1977), 7-9
- J.W. de Leeuw, W.L. Maters, **D. van de Meent**, J.J. Boon: Solvent-free and splitless injection method for open tubular columns. *Analytical Chemistry* 49(1977), 1881-1884
- D. van de Meent**, S.C. Brown, R.P. Philp, B.R.T. Simoneit. Pyrolysis-high resolution gas chromatography and pyrolysis-gas chromatography-mass spectrometry of kerogens and kerogen precursors. *Geochimica et Cosmochimica Acta* 44(1980), 999-1013
- D. van de Meent**, J.W. de Leeuw, P.A. Schenck. Chemical characterization of non-volatile organics in suspended matter and sediments of the river Rhine delta. *Journal of Analytical and Applied Pyrolysis* 2(1980), 249-263
- D. van de Meent**, A. Los, J.W. de Leeuw, P.A. Schenck, W. Salomons. Stability constants and binding capacities of fractionated suspended matter for cadmium. *Environmental Technology Letters* 2(1981), 569-578
- D. van de Meent**, J.W. de Leeuw, P.A. Schenck, J. Haverkamp, W. Windig. Quantitative analysis of biopolymer mixtures by pyrolysis-mass spectrometry. *Journal of Analytical and Applied Pyrolysis* 4(1982), 133-142
- R.P. Philp, **D. van de Meent**. Characterisation of Precambrian kerogens by Curie-point pyrolysis combined with gas chromatography and gas chromatography-mass spectrometry. *Precambrian Research* 20(1983), 3-16
- D. van de Meent**, J.W. de Leeuw, P.A. Schenck, W. Salomons. Geochemistry of suspended matter in two sedimentation basins of the river Rhine. *Water Research* 19(1985), 1333-1340
- H. den Hollander, **D. van de Meent**, P. van Noort, E. Wondergem. Wet deposition of polycyclic aromatic hydrocarbons in The Netherlands. *Science of the Total Environment* 52(1986), 211-219
- D. van de Meent**, H.A. den Hollander, W.G. Pool, M.J. Vredenburg, H.A.M. van Oers, E. de Greef, J.A. Luijten. Organic micropollutants in Dutch coastal waters. *Water Science and Technology* 18(1986), 73-81
- D. van de Meent**. Intercompartment transfer of pollutants. *Science of the Total Environment* 90(1990), 41-54
- L.A. van der Kooij, **D. van de Meent**, C.J. van Leeuwen, W.A. Bruggeman. Deriving quality criteria for water and sediment from the results of aquatic toxicity tests and product standards: application of the equilibrium partitioning method. *Water Research* 25(1991), 697-705
- J. Struijs, J. Stoltenkamp, **D. van de Meent**. SimpleTreat, a box model of the behavior of micropollutants during waste water treatment. *Water Research* 25(1991), 891-900
- W.J.G.M. Peijnenburg, M.J. 't Hart, H.A. den Hollander, **D. van de Meent**, J.H. Verboom, N.L. Wolfe. Reductive transformations of halogenated aromatic hydrocarbons in anoxic sediment systems: Kinetics, mechanisms and products. *Environmental Toxicology and Chemistry* 11(1992), 289-300
- W.J.G.M. Peijnenburg, M.J. 't Hart, H.A. den Hollander, **D. van de Meent**, J.H. Verboom, N.L. Wolfe. QSARs for predicting biotic and abiotic reductive transformation rate constants of halogenated hydrocarbons in anoxic sediment systems. *Environmental Toxicology and Chemistry* 11(1992), 301-314
- C.A.F. Romijn, R. Luttik, **D. van de Meent**, W. Slooff, J.H. Canton: Presentation of a general algorithm to include effect assessment on secondary poisoning in the derivation of environmental quality criteria. *Ecotoxicology and Environmental Safety* 26(1993), 61-85
- G.M.J. Tubbing, W. Admiraal, R.F.M.J. Cleven, M.Iqal, **D. van de Meent**, W. Verwey. The contribution of complexed copper to the metabolic inhibition of algae and bacteria in synthetic media and river water. *Water Research* 28(1993), 37-44
- D.T. Jager, C.J.M. Visser, **D. van de Meent**. Uniform system for the evaluation of substances. IV Distribution and intake. *Chemosphere* 29(1994), 353-369

- D. van de Meent**, J. de Bruijn. A modeling procedure to evaluate the coherence of independently derived environmental quality objectives for air, water and soil. *Environmental Toxicology and Chemistry*, 14(1995), 177-186
- J.B. Guinée, R. Heijungs, L.F.C.M. van Oers, A. Wegener Sleeswijk, **D. van de Meent**, Th. Vermeire, M. Rikken. USES - Uniform System for the Evaluation of Substances: Inclusion of fate in LCA characterisation of toxic releases applying USES 1.0. *International Journal LCA* 1(1996), 133-138.
- J. Struijs, **D. van de Meent**, W.J.G.M. Peijnenburg, M.A.G.T. van den Hoop, T. Crommentuijn. Added risk approach to derive Maximum Permissible Concentrations for heavy metals. *Ecotoxicology and Environmental Safety* 37(1997), 112-118.
- O. Klepper, J. Bakker, T.P. Traas, **D. van de Meent**. Mapping the Potentially Affected Fraction (PAF) of species as a basis for comparison of toxic ecotoxic risks between substances and regions. *Journal of Hazardous Materials* 61(1998), 337-344
- A.M.J. Ragas, R.S. Etienne, F.H. Willemsen, **D. van de Meent**. Assessing model uncertainty for environmental decision-making: a case study of the coherence of independently derived environmental quality objectives for air, water and soil. *Environmental Toxicology and Chemistry* 18(1999), 1856-1867.
- R.S. Boethling, D. Calamari, C. Cowan-Ellsberry, S. Eisenreich, J. Franklin, C.P.L. Grady Jr., D.G. Graham, B. Hansen, P.H. Howard, K.C. Jones, K.Kannan, G.M. Klecka, R.J. Larson, R.W. Macdonald, D. Mackay, T. McKone, D. Muir, T. parkerton, L. Thibodeaux, **D. van de Meent**, T. Wallington, C. Zetch. Evaluation of persistence and long-range transport of chemicals in the environment: Summary of a SETAC Pellston Workshop. *Environmental Toxicology and Chemistry* 18(1999), supplement.
- D.J. Bakker, A. Gilbert, D. Gottschild, T. Kuchnicki, R. Laane, J. Linders, **D. van de Meent**, M. Montforts, J. Pino, J. Pol, N. van Straalen. Implementing atmospheric fate in regulatory risk assessment of pesticides. *Water, Air, Soil Pollution* 115(1999), 257-266.
- M. Huijbregts, U. Thissen, J. Guinée, T. Jager, D. Kalf, **D. van de Meent**, A. Ragas, A. Wegener Sleeswijk, L. Reijnders. Priority assessment of toxic substances in Life Cycle Assessment. I: Calculation of toxicity potentials for 181 substances with the nested multi-media fate, exposure and effects model USES-LCA. *Chemosphere* 41(2000), 541-573.
- M. Huijbregts, U. Thissen, T. Jager, **D. van de Meent**, A. Ragas. Priority assessment of toxic substances in Life Cycle Assessment. II: Assessing parameter uncertainty and human variability in the calculation of toxicity potentials. *Chemosphere* 41(2000), 575-588.
- W. Peijnenburg, H. den Hollander, **D. van de Meent**, D. de Zwart. Ontwikkeling en toepassing van een milieu-kwaliteitsindicator bestrijdingsmiddelen. *H<sub>2</sub>O* 18(2002), 28-30.
- M.A.J. Huijbregts, S. Lundie, T.E. McKone, **D. van de Meent**. Geographical scenario uncertainty in generic fate and exposure factors of toxic pollutants for life-cycle impact assessment. *Chemosphere* 51(2003) 501-508.
- A. Hollander, L. Hessels, P. de Voogt, **D. van de Meent**. Implementation of depth-dependent soil concentrations in multimedia mass balance models. *SAR and QSAR in Environmental Research* 15(2004), 457-468.
- M.A.J. Huijbregts, L.M.J. Geelen, E.G. Hertwich, T.E. McKone, **D. van de Meent**. A comparison between the multimedia fate and exposure models CalTOX and USES-LCA based on the population intake fraction of toxic pollutants. *Environmental Toxicology and Chemistry* 24(2005), 486-493
- D. van de Meent**, M.A.J. Huijbregts. Calculating LCA effect factors from PAF-based ecotoxicological response functions. *Environmental Toxicology and Chemistry* 24(2005), 1573-1578.
- K. Fenner, M. Scheringer, M.J. MacLeod, M. Matthies, T.E. McKone, M. Stroebe, A. Beyer, M. Bonnell, A.C. Le Gall, J. Klasmeier, D. Mackay, **D. van de Meent**, D. Pennington, B. Scharenberg, N. Suzuki, F. Wania. Comparing Estimates of Persistence and Long-Range Transport Potential among Multimedia Models. *Environmental Science and Technology* 39(2005), 1932-1942.

- M.A.J. Huijbregts, L.J.A. Rombouts, A.M.J. Ragas, **D. van de Meent**. Human-Toxicological Effect and Damage Factors of Carcinogenic and Noncarcinogenic Chemicals for Life Cycle Impact Assessment. *Integrated Environmental Assessment and Management* 1(2005), 181–192.
- M.A.J. Huijbregts, J. Struijs, M. Goedkoop, R. Heijungs, J.A. Hendriks, **D. van de Meent**. Human population intake fractions and environmental fate factors for toxic pollutants in Life Cycle Impact Assessment. *Chemosphere* 61(2005), 1495–1504.
- A. Hollander, A. Ragas, M. Huijbregts, **D. van de Meent**. BasinBox: A Generic Multimedia Fate Model for Predicting the Fate of Chemicals in River Catchments. *Hydrobiologia* 565(2006), 21-38.
- J. Klasmeier, M. Matthies, M. MacLeod, K. Fenner, M. Scheringer, M. Stroebe, AC LeGall, T. McKone, **D. van de Meent**, F. Wania. Application of Multimedia Models for Screening Assessment of Long-Range Transport Potential and Overall Persistence. *Environmental Science and Technology* 40(2006), 53-60.
- M.A.J. Huijbregts, J. Struijs, L.J.A. Rombouts, S. Hellweg, R. Frischknecht, A.J. Hendriks, **D. van de Meent**, A.M.J. Ragas, L. Reijnders, J. Struijs. 2006. Is cumulative fossil energy demand a useful indicator for the environmental performance of products? *Environmental Science and Technology* 40, 641-648.
- J. Harbers, M. Huijbregts, **D. van de Meent**. Toxic pressure calculation for European high production volume chemicals in coastal marine waters and natural soils – basis for prioritization? *Environmental Science and Technology* 40(2006), 1573-1580.
- A. Hollander, I. Baijens, A. Ragas, M. Huijbregts, and **D. van de Meent**. Validation of predicted exponential concentration profiles of chemicals in soils. *Environmental Pollution* (2006), in press.
- R. van Zelm, MAJ Huijbregts, HA van Jaarsveld, GJ Reinds, D de Zwart, J Struijs and **D van de Meent** Time horizon dependent characterization factors for acidification in life-cycle assessment based on forest plant species occurrence in Europe. *Environmental Science and Technology* 41(2007), 922-927.
- R. van Zelm R, M.A.J. Huijbregts, J.V. Harbers, A. Wintersen, J. Struijs, L. Posthuma, **D. van de Meent**. Uncertainty in msPAF-based effect factors for freshwater ecosystems in life cycle impact assessment. *Integrated Environmental Assessment and Management* (2007), in press.
- A. Hollander, F. Sauter, H. den Hollander, M. Huijbregts, A. Ragas, **D. van de Meent**. Modeling spatial variance in environmental concentrations with non-spatial multimedia models? Comparing LOTOS-EUROS and SimpleBox for PCB-153. *Chemosphere* (2007), in press.
- T Jager, **D van de Meent**, D de Zwart, L Posthuma. Novel view on predicting acute toxicity: decomposing toxicity data in species vulnerability and chemical potency. *Ecotoxicology and Environmental Safety* (2007), in press.
- A Hollander, A Pistocchi, M Huijbregts, A Ragas, **D van de Meent**. Substance or space? The relative importance of substance properties and environmental characteristics in controlling fate of chemicals in the environment. *Environmental Science and Technology* (2007), submitted.
- KW Brakkee, MAJ Huijbregts, B Eickhout, AJ Hendriks and **D van de Meent**. Characterisation factors for greenhouse gases at a midpoint level including indirect effects based on calculations with the IMAGE model. *International Journal LCA* (2007), submitted.
- R van Zelm, MAJ Huijbregts, HA den Hollander, HA van Jaarsveld, FJ Sauter, J Struijs, H van Wijnen, **D van de Meent**. European characterization factors for human health damage of PM10 and ozone in life cycle impact assessment. *Environmental Science and Technology* (2007), submitted.
- I Henning-de Jong, R van Zelm, MAJ Huijbregts, D de Zwart, AMA van der Linden, A Wintersen, L Posthuma, **D van de Meent**. Toxic pressure of agricultural pesticides in the Rhine-Meuse-Scheldt basin on marine ecosystems. *Environmental Toxicology and Chemistry* (2007), submitted.

**Publications in books**

- W.L. Maters, **D. van de Meent**, P.J.W. Schuijl, J.W. de Leeuw, P.A. Schenck, H.L.C. Meuzelaar. Curie-point pyrolysis in organic geochemistry. In: Analytical Pyrolysis (C.E.R. Jones and C.A. Cramers, eds.), pp 203-216, Elsevier, Amsterdam, 1977
- D. van de Meent**, J.W. de Leeuw, P.A. Schenck. Origin of unsaturated isoprenoid hydrocarbons in pyrolysates of suspended matter and surface sediments. In: Advances in Organic Geochemistry 1979 (J.R. Maxwell and A.G. Douglas, eds.), pp 469-474, Pergamon, 1980
- D. van de Meent**. Particulate organic matter in the river Rhine delta. -Its role in trace metal scavenging. Doctoral thesis. Delftse Universitaire Pers, 1982
- D. van de Meent**, A. Los, J. W. de Leeuw, P.A. Schenck, J. Haverkamp. Size fractionation and analytical pyrolysis of suspended particles from the river Rhine delta. In: Advances in Organic Geochemistry 1981 (M. Bjoroy, ed.), pp 336-349, John Wiley, 1983
- D. van de Meent**, J.A.A. van Oosterwijk, T. Aldenberg. Spooorelementen in regenwater: RID-VEWIN Meetnet Regenwater 1978-1982. In: Zure regen - oorzaken, effecten and beleid (E.H. Adema and J. van Ham, eds.), pp 91-92, Pudoc, Wageningen, 1984
- D. van de Meent**. Suspended particles in natural waters. In: Proceedings of the CEC-COST 641 Workshop on "Physico-chemical behaviour of organic micropollutants in the aquatic environment" (ed. P.C.M. van Noort), pp 6-9, Commission of the European Communities publication no. OMP/60/85 XII/ENV/39/85 (1986)
- P.S. Griffioen, **D. van de Meent**. Predicting transport behaviour of organic pollutants using simple mathematical models. In: Organic Micropollutants in the Aquatic Environment (G. Angeletti and A. Bjorseth, eds.), pp. 144-153. Water Pollution Research Reports series no.4, Commission of the European Communities. Kluwer Academic Publishers, 1987
- D. van de Meent**. Environmental chemistry: Instrument in ecological risk assessment. In: Manual on Aquatic Ecotoxicology (H.A.M. de Kruijf, D. de Zwart, P.K. Ray and P.N. Viswanathan, eds.), pp. 31-35, Allied Publishers Pvt. Ltd., New Delhi, 1988
- D. van de Meent**. Exchange processes. In: Manual on Aquatic Ecotoxicology (H.A.M. de Kruijf, D. de Zwart, P.K. Ray and P.N. Viswanathan, eds.), pp. 48-52, Allied Publishers Pvt. Ltd., New Delhi, 1988
- D. van de Meent**. Exposure modeling I: Principles. In: Manual on Aquatic Ecotoxicology (H.A.M. de Kruijf, D. de Zwart, P.K. Ray and P.N. Viswanathan, eds.), pp. 77-81, Allied Publishers Pvt. Ltd., New Delhi, 1988
- D. van de Meent**. Exposure modeling II: The use of simple box models. In: Manual on Aquatic Ecotoxicology (H.A.M. de Kruijf, D. de Zwart, P.K. Ray and P.N. Viswanathan, eds.), pp. 82-87, Allied Publishers Pvt. Ltd., New Delhi, 1988
- C.J.M. Kramer, **D. van de Meent**. Application of chemical speciation models. In: Manual on Aquatic Ecotoxicology (H.A.M. de Kruijf, D. de Zwart, P.K. Ray and P.N. Viswanathan, eds.), pp. 95-99, Allied Publishers Pvt. Ltd., New Delhi, 1988
- D. van de Meent**, H.A. den Hollander, J.H. Verboom. Desorption kinetics of metals and PAH from suspended particles: experimental observations and modeling. In: Organic micropollutants in the aquatic environment (G. Angeletti and A. Bjørseth, eds.), pp. 50-60, Kluwer, 1991
- J. de Bruijn, E. Guinée, **D. van de Meent**. Rekening houden met atmosferische depositie in normstelling and bodembeleid. Proceedings Symposium Atmosferische depositie and bodemkwaliteit, December 1992
- C. Cowan, D. Mackay, T. Feijtel, **D. van de Meent**, A. Di Guardo, J. Davies, N. Mackay. The multimedia model: a vital tool for predicting the fate of chemicals. SETAC Press, Pensacola FL, 1995.
- M. van den Berg, **D. van de Meent**, W.J.G.M. Peijnenburg, D.T.H.M. Sijm, J.W. Tas. Transport, accumulation and transformation processes. In: Risk Assessment of Chemicals, (C. J. van Leeuwen and J.L.M. Hermens, eds.), pp 37-102. Kluwer, 1995.

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- J. R. Kramer, H. E. Allen, W. Davison, K. L. Godfredsen, J. S. Meyer, E. M. Perdue, E. Tipping, **D. van de Meent**, and J. C. Westall, "Chemical Speciation and Metal Toxicity in Surface Waters", in Reassessment of Metals Criteria for Aquatic Life Protection: Priorities for Research and Implementation, H.L. Bergman, E.J. Dorward-King, editors, SETAC Press, Pensacola, FL, 1997, 57-70.
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- G. Klečka, B. Boethling, J. Franklin, L. Grady, D. Graham, P.H. Howard, K. Kanan, R.J. Larson, D. Mackay, D. Muir, **D. van de Meent** (eds.). Evaluation of persistence and long-range transport of organic chemicals in the environment. SETAC Press, Pensacola, 2000.
- D. van de Meent**, T.E. McKone, T. Parkerton, M. Matthies, M. Scheringer, F. Wania, R. Purdy, D. Bennett. Persistence and transport potentials of chemicals in a multi-media environment. In: Persistence and long-range transport of chemicals in the environment (G. Klečka *et al.* eds.), pp. 169-204. SETAC Press, Pensacola, 2000.
- T. P. Traas, **D. van de Meent**, L. Posthuma, T. H.M. Hamers, B. J. Kater, D. de Zwart, T. Aldenberg. Potentially Affected Fraction as measure of toxic pressure on ecosystems. In: Use of Species Sensitivity Distributions in Ecotoxicology, eds. L. Posthuma, G.W. Suter, T.P. Traas. Lewis Publishers, 2002.
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- D. van de Meent** and J.H.M. de Bruijn. Exposure Modeling. In: Risk Assessment of Chemicals, (C. J. van Leeuwen, J.L.M. Hermens and Th. Vermeire, eds.), Kluwer, 2007, in press.

### RIVM reports

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- A.J. Frantzen, R.L. Adolphs, H.F.R. Reijnders, A.J. van de Eshof, R.C.C. Wegman, **D. van de Meent**, W.G. Mook. Chemische samenstelling van de neerslag over Nederland jaar 1983. RIVM Rapport 217810009 (1985).
- D. van de Meent**, E. de Greef. Beoordelingssysteem milieugevaarlijke stoffen: Schattingsmodellen voor blootstellingsanalyse. RIVM rapport nr. 840290005 (1986)
- J.H. Canton, C.A. van der Heijden, E. Heijna-Merkus, J.E.M. van Koten- Vermeulen, J. Knoop, H.A.M. de Kruijf, **D. van de Meent**, A. Minderhoud, P. van Noort, T. de Nijs, J. Struijs, B.C.J. Zoeteman. Risk evaluation of accidental spills of toxic compounds in the Rhine basin. RIVM report nr. 718600003 (1986)
- D. van de Meent**, H.A. den Hollander, J.A. van Pagee, E. Luppens. Organische microverontreinigingen in Noordzeewater. RIVM rapport nr. 840166001 / WL Rapport T165 (1987)
- W.J.G.M. Peijnenburg, H.A. den Hollander, J.H. Verboom, **D. van de Meent**, N.L. Wolfe. The development of structure-activity relationship for the reduction of halogenated aliphatic

- hydrocarbons in anaerobic water-sediment systems. RIVM report nr. 718817002 (1989)
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