

- Abad E, Caixach J, Rivera J (1997) PCDD/PCDF from emission sources and ambient air in northeast Spain. *Chemosphere* 35, No. 3, 453-463.
- Abad E, Caixach J, Fabrellas B, Rivera J (1998) Dioxin balance in a municipal waste incinerator. *Organohalogen Compd.* 36, 265-268.
- Abad E, Adrados MA, Caixach J, Fabrellas B, Rivera J (2000) Dioxin mass balance in a municipal waste incinerator. *Chemosphere* 40, 1143-1147.
- Ahlborg UG, Brouwer A, Fingerhut MA, Jacobson JL, Jacobson SW, Kennedy SW, Kettrup AAF, Koeman JH, Poiger H, Rappe C, Safe SH, Seegal RF, Tuomisto J, Van den Berg M (1992) Impact of polychlorinated dibenzo-p-dioxins, dibenzofurans and byphenyls on human and environmental health, with special emphasis on application of the toxic equivalency factor concept. *European J. Pharmacol, European Toxicol. Pharmacol. Section* 228, 179-199.
- Alcock RE, Gemmill R, Jones KC (1999) Improvements to the UK PCDD/F and PCB atmospheric emission inventory following an emissions measurement programme. *Chemosphere* 38, 759-770.
- Alcock RE, Jones KC (1996) Dioxins in the Environment: A Review of Trend Data, *Environ. Sci. Technol.* 30, 3133-3143.
- AEQT-Asociación Empresarial Química de Tarragona (1996) Els productes químics en la indústria química del Camp de Tarragona. Informació sobre els productes químics en el marc del PLASEQTA. Qui els fabrica i quins riscos tenen. Editado por AEQT.
- Baker JI, Hites RA (1999) Polychlorinated dibenzo-p-dioxins and dibenzofurans in the remote north atlantic marine atmosphere. *Environ. Sci. Technol.* 1999, 33, 14-20.
- Baker JI, Hites RA (2000) Is combustion the major source of polychlorinated dibenzo-p-dioxins and dibenzofurans to the environment? A mass balance investigation. *Environ. Sci. Technol.* 34, 2879-2885.
- Bauer G, Deistler M, Gleiss A, Glenck E, Matyus T (1997) Identification of Material Flow Systems. *Environ. Sci. Pollut. Res.* 4, 105-112.
- Bennett DH, Kastenber WE, Mckone TE (1999) General formulation of characteristic

- time for persistent chemicals in a multimedia environment. *Environ. Sci. Technol.* 33, 503-509
- Bertazzi PA (1991) Long term effects of chemical disasters. Lessons and results from Seveso. *Sci. Total Environ.* 106, 5-20.
- Beurskens JEM, Mol GAJ, Barreveld HL, Van Munster B, Winkels HJ (1993) Geochronology of priority pollutants in a sedimentation area of the Rhine River. *Environ. Toxicol. Chem.* 12, 1549-1566.
- Brzuzy LP, Hites RA (1996) Global mass balance for polychlorinated dibenzo-p-dioxins and dibenzofurans. *Environ. Sci. Technol.* 30, 1797-1804.
- Butt EP, Morse GK, Guy JA, Lester JN (1998) Co-recycling of sludge and municipal solid waste: a cost-benefit analysis. *Environ. Technol.* 19, 1163-1175.
- Cabes M, Díaz-Ferrero J, Martí R, Broto-Puig F, Comellas L, Rodríguez-Larena MC (1999) Determination of PCDD/F and non-ortho PCB levels in two environments of river Ebro (Spain). *Organohalogen Compd.* 43, 311-315.
- Cambra de Comerç de Tarragona (1997a) Tarragona econòmica 1997. Gabinet d'estudis. ISBN 84-920054-7-5.
- Cambra de Comerç de Tarragona (1997b) Tarragona. Exporta-Importa 1997. Gabinet d'estudis.
- Carroll WF, Berger TC, Bonelli FE, Jacobs RA, Ledrina J, Lewis JW, McCreedy RL, Smith TD, Tuhovak DR, Weston AF (1999) Characterization of emissions of dioxins and furans from ethylene dichloride (EDC), vinyl chloride monomer (VCM) and polyvinyl chloride (PVC). Facilities in the US. IV Consolidated Report. *Organohalogen Compd.* 41, 31-34.
- Chang YS, Oh JE, Shin DC (1998) The evaluation of emission and environment levels of PCDD/Fs in Korea. *Organohalogen Compd.* 36, 11-15.
- Clement R, Tashiro C (1991) Forest fires as a source of PCDDs and PCDFs. Paper presented at DIOXIN'91, the 11<sup>th</sup> International Symposium on Chlorinated Dioxins and Related Compounds, Research Triangle Park, NC, USA, September 23-27, 1991.
- Cleverly D, Schaum J, Winters D, Schweer G (1999) Inventory of sources and releases of dioxin-like compounds in the United States. *Organohalogen Compd.* 41, 467-471.
- COM 91/271. Commission of the European Communities (1991). Council Directive

- concerning Urban Wastewater Treatment; Official Journal of the European Communities, L135/40-52.
- Cooper CD, Alley FC (1994) Air pollution control. A design approach. Waveland Press, Inc, Prospect heights, Illinois. ISBN 0-88133-758-7.
- Cordier S, Thuy LT, Verger P, Bard D, Dai LC, Larouze B, Dazza MC, Quinh HT, Abenhaim L (1993) Viral infections and chemical exposures as risk factors for hepatocellular carcinoma in Vietnam. *Int. J. Cancer* 55, 196-201.
- Czuczwa JM, Hites RA (1986) Sources and fate of PCDD and PCDF. *Chemosphere* 14, 1175-1179.
- DARP-Departament d'Agricultura, Ramaderia i Pesca, Generalitat de Catalunya (1997a) Guia de productes fitosanitaris 1997. ISBN: 84-393-4433-3.
- DARP-Departament d'Agricultura, Ramaderia i Pesca, Generalitat de Catalunya (1997b) Estadístiques Agràries i Pesqueres, Any 1997.
- DARP-Departament d'Agricultura, Ramaderia i Pesca, Generalitat de Catalunya (1998) Estadístiques Agràries i Pesqueres, Any 1998.
- De Fré R, Wevers M (1998) Underestimation in dioxin emission inventories. *Organohalogen Compd.* 36, 17-20.
- De Liñán C (1995) *Vademecum de productos fitosanitarios y nutricionales*. 11 Edición. Ed: Ediciones Agrotécnicas SL, Madrid. Dep. legal M-39043-1994.
- De Voogt P, Wells DE, Reutergardh L, Brinkman UATH (1990) Biological activity, determination and occurrence of planar, mono- and di-ortho PCBs. *Intern. J. Environ. Anal. Chem.* 40, 1-46.
- Dir. Gral. Emerg. Seg. Civil. Generalitat de Catalunya (1999) Dades de nombre d'accidents en vehicles, incendis urbans i focs de vegetació al 1998 i 1999 a la Província de Tarragona.
- Domingo JL, Schuhmacher M, Granero S, Llobet JM (1999a) PCDDs and PCDFs in food samples from Catalonia, Spain. An assessment of dietary intake. *Chemosphere* 38, 3517-3528.
- Domingo JL, Schuhmacher M, Granero S, Llobet JM, de Kok HAM (1999b) PCDD/F levels in the vicinity of an old municipal solid waste incinerator: temporal variation in soils. *Arch. Environ. Contam. Toxicol.* 36, 377-383.
- Domingo JL, Schuhmacher M, Meneses M, Granero S, Llobet JM, Kok HAM (1999c) Monitoring dioxins and furans near an old municipal solid waste incinerator:

- temporal variation in vegetation. *J. Environ. Sci. Health A34*, 165-181.
- Dyke PH, Foan C, Wenborn M, Coleman PJ (1997) A review of dioxin releases to land and water in the UK. *Sci. Total Environ.* 207, 119-131.
- Eduljee GH, Gair AJ (1996) Validation of a methodology for modelling PCDD and PCDF intake via the foodchain. *Sci. Total Environ.* 187, 211-229.
- Eduljee GH, Gair AJ (1997) Setting dioxin emission limits for MSW incinerators: a multimedia exposure assessment framework. *Waste Manage. Res.* 15, 335-348.
- Eljarrat E, Caixach J, Rivera J (1999) Decline in PCDD and PCDF levels in sewage sludges from Catalonia (Spain). *Environ. Sci. Technol.* 33, 2493-2498.
- Fabrellas B, Sanz P, Abad E, Rivera J (1999) The Spanish dioxin inventory: proposal and preliminary results from municipal waste incinerator emissions. *Organohalogen Compd.* 41, 491-494.
- Farland W, Schaum J, Winters D, Lorber M, Cleverly D, Rodan B, Tuxen L, DeVito M, Birnbaum L (2000) USEPA's risk characterization of dioxin and related compounds. *Organohalogen Compd.* 48, 248-250.
- Fiedler H (1998) Thermal formation of PCDD/PCDF: a survey. *Environ. Eng. Sci.* 15, 49-58.
- Friedrich R, Bickel P, Krewitt W (1998) External Costs of Transport. Institut für Energiewirtschaft und Rationelle Energieanwendung. IER. Universität Stuttgart. ISSN 0938-1228.
- Gertler AW, Sagebiel JC, Dippel WA, Farina RJ (1998) Measurements of dioxin and furan emission factors from heavy-duty diesel vehicles. *Journal of the Air and Waste Manag. Association* 48, 276-278.
- Geueke KJ, Gessner A, Quass U, Bröker G, Hiester E (1999) PCDD/F emissions from heavy duty vehicle diesel engines. *Chemosphere* 38, 2791-2806.
- Gleiss A, Matyus T, Bauer G, Deistler M, Glenck E, Lampert C (1998) Identification of material flow systems. Extensions and case study. *Environ. Sci. Pollut. Res.* 5, 245-258.
- Goldstein JA, Safe S (1989): Mechanism of action and structure-activity relationships for the chlorinated dibenzo-p-dioxins and related compounds. En: Kimbrough RD and Jensen AA, Eds., Elsevier, Amsterdam, The Netherlands, pp. 239-293.
- Griffin RD (1986) A new theory of dioxin formation in municipal solid waste combustion. *Chemosphere* 15, 1987-1990.

- Gullett BK, Bruce KR, Beach LO (1990) Formation of chlorinated organics during solid waste combustion. *Waste Manage. Res.* 8, 203-214.
- Hagenmaier H, Brunner H, Haag R, Kraft M (1987) Die bedutung katalytischer effekte bei der bildung und zerstörung von plychlorierten dibenzodioxinen und plychlorierten dibenzofuranen. *VDI Berichte* 634, 557-584.
- Harrad SJ, Sewart AP, Alcock R, Boumphrey R, Burnett V, Duarte-Davidson R, Halsall C, Sanders G, Waterhouse K, Wild SR, Jones KC (1994) Polychlorinated biphenyls (PCBs) in the british environment: sinks, sources and temporal trends. *Environ. Pollut.* 85, 131-146.
- Harrad SJ, Smith DJT (1997) Evaluation of a terrestrial food chain model for estimating foodstuff concentrations of PCDD/Fs. *Chemosphere*, 34, No. 8, 1723-173.
- Hawker DW, Connell DW (1988) Octanol-water partition of polychlorinated biphenyl congeners. *Environ. Sci. Technol.* 22, 382-387.
- Holmes DA, Harrison BK, Dolfing J (1993) Estimation of Gibbs free energies of formation for polychlorinated biphenyls. *Environ. Sci. Technol.* 27, 725-731.
- Hutzinger O, Safe S, Zitlo V (1974) *The chemistry of PCBs*. CRC Press, Cleveland, Ohio.
- Hutzinger O, Fiedler H (1988) Emissions of dioxins and related compounds from combustion and incineration sources. Pilot study on International information exchange on dioxins and related compounds, NATO/CCMS Report No. 173.
- Hutzinger O, Fiedler H (1991) Formation of dioxins and related compounds from combustion and incineration processes. En: *Dioxins perspectives: A pilot study on international information exchange on dioxins and related compounds*, Bretthauer EW, Kraus HW and di Domenico A, eds. NATO Challenges of Modern Society, Vol. 16, Plenum Press, New York, pp 263-434.
- IARC-The International Agency for Research on Cancer (1997) Polychlorinated dibenzo-p-dioxins and polychlorinated dibenzofurans: Summary of Data Reported and Evaluation. IARC Monographs 69, IARC Press, Lyon.
- INE-Instituto Nacional de Estadística (1997) *El anuario estadístico de España, 1997*.
- IOM-Institute of Medicine (1994) *Veterans and Agent Orange*. Washington DC, NAS Press, 1994.
- IOM-Institute of Medicine (1996) *Veterans and Agent Orange update 1996*. Washington DC, NAS Press, 1996.

- Isosaari P, Kiriranta H, Salonen VP, Tuomisto J, Vartiainen T (1999) Environmental distribution of PCDD/Fs from vinylchloride monomer production: case Sköldvik. *Organohalogen Compd.* 41, 417-420.
- Jones KC, Alcock RE (1996) Dioxin inputs to the environment: a review of temporal trend data and proposals for a monitoring programme to detect past and future change in the UK. Report of a project commissioned by the Chemicals and Biotechnology Division, Department of the Environment, DoE Reference: EPG/1/5/53, Lancaster University, Lancaster.
- Junta de Residus, Departament de Medi Ambient, Generalitat de Catalunya (1999) Estadístiques, 1999, [www.junres.es](http://www.junres.es).
- Kanters J, Louw R (1996) Thermal and catalysed halogenation in combustion reactions. *Chemosphere* 32, 89-97.
- Karasaek FW, Dickson LC (1987) Model studies of polychlorinated dibenzo-p-dioxin formation during municipal refuse incineration. *Science* 237, 754-756.
- Kirk-Othmer (1964) Pentachlorophenols. *Encyclopedia of Chem. Technol.* 2<sup>nd</sup>. Ed. Interscience Publishers, John Wiley&Sons, Inc. New York. Vol. 5, pp 336-337.
- Kirk-Othmer (1970) Wood. *Encyclopedia of Chem. Technol.* 2<sup>nd</sup>. Ed. Interscience Publishers, John Wiley&Sons, Inc. New York. Vol. 22, pp 378-379.
- Kjeller LO, Jones KC, Johnston AE, Rappe C (1991) Increases in the polychlorinated dibenzo-p-dioxin and -furan content of soils and vegetation since the 1840s. *Environ. Sci. Technol.* 25, 1619.
- Krauss T, Braga AMCB, Marius ER, Carvalhaes G, Brooks P (1999) PCDD/Fs concentrations in the surroundings of a cement kiln/co.processing waste plant in Rio de Janeiro, Brazil. *Organohalogen Compd.* 41, 215-218.
- Lee RGM, Green NJL, Lohmann R, Jones KC (1999) Seasonal, anthropogenic, air mass, and meteorological influences on the atmospheric concentrations of polychlorinated dibenzo-p-dioxins and dibenzofurans (PCDD/Fs): evidence for the importance of diffuse combustion sources. *Environ. Sci. Technol.* 33, 2864-2871.
- Lohmann R, Green NJL, Jones KC (1999) Detailed studies of the factors controlling atmospheric PCDD/Fs concentrations. *Environ. Sci. Technol.* 33, 4440-4447.
- Mackay D, Shiu WY, Ma KC (1992) *Illustrated handbook of physical-chemical properties and environmental fate for organic chemicals*, Ed. 2. Lewis Publishers,

- Michigan, pp. 429-560.
- Manz A, Berger J, Dwyer JH, Flesch-Janys D, Nagel S, Waltsgott H (1991) Cancer mortality among workers in chemical plant contaminated with dioxin. *Lancet* 338, 95-964.
- Marklund S, Rappe C, Tysklind M (1987) Identification of polychlorinated dibenzofurans and dioxins in exhausts from cars run on leaded gasoline. *Chemosphere* 16, 29-36.
- Masunaga S, Nakanishi J (1999) Dioxin impurities in old Japanese agrochemical formulation, *Organohalogen Compd.* 41, 41.
- Matthews HS, Lave LB (2000) Applications of environmental valuation for determining externality costs. *Environ. Sci. Technol.* 34, 1390-1395.
- Meneses M, Schuhmacher M, Domingo JL (2000) A simple model to predict PCDD/F concentrations in vegetation and soil. *Organohalogen Compd.* 46, 380-383.
- Milligan MS, Altwicker ER (1996a) Chlorophenol reactions on fly ash. 1. Adsorption/desorption equilibria and conversion to polychlorinated dibenzo-p-dioxins. *Environ. Sci. Technol.* 30, 225-229.
- Milligan MS, Altwicker ER (1996b) Chlorophenol reactions on fly ash. 2. Equilibrium surface coverage and global kinetics. *Environ. Sci. Technol.* 30, 230-236.
- Molina L, Díaz-Ferrero J, Coll M, Martí R, Broto-Puig F, Comellas L, Rodríguez-Larena (1998) *Organohalogen Compd.* 39, 343-346.
- Moore JA, Kimbrough RD, Gough M (1993) The dioxin TCDD: a selective study of science and policy interaction. En: Frosch R, ed. *Keeping pace with science and engineering*. Washington DC, NAS Press, pp 221-242.
- Nas TF (1996) *Cost-Benefit Analysis. Theory and Application*. SAGE Publications. Thousand Oaks, California. ISBN 0-8039-7132-X and ISBN 0-8039-7133-8.
- NATO/CCMS-North Atlantic Treaty Organization/Committee on the Challenges of Modern Society (1988) International toxicity equivalency factors (I-TEF) method of risk assessment for complex mixtures of dioxins and related compounds. North Atlantic Treaty Organization, Brussels, report no. 176.
- Pomeratz I, Burke J, Firestone D, McKinney J, Roach J, Trotter W (1978) Chemistry of PCBs and PBBs. *Environ. Health Perspect.* 24, 133-146.
- Quass U, Fermann MW, Bröker G (1998) Steps towards a European emission inventory. *Organohalogen Compd.* 37, 7-10.

- Raghunathan K, Gullet BK (1996) Role of sulfur in reducing PCDD and PCDF formation. *Environ. Sci. Technol.* 30, 1827-1834.
- Rom WN (1998) *Environmental and Occupational Medicine*, 3<sup>rd</sup> ed, Lippincott-Raven Publishers, Philadelphia, pp 1185-1198.
- Safe S (1990) Polychlorinated biphenyls (PCBs), dibenzo-p-dioxins (PCDDs), dibenzofurans (PCDFs), and related compounds: Environmental and mechanistic considerations which support the development of toxic equivalency factors (TEFs). *Crit. Rev. Toxicol.* 21, 51-88.
- Schramm KW, Kaune A, Lehnardt R, Hofmaier A, Henkelmann B, Kettrup A (1998) Dioxin and dibenzofuran congeners in 2,4-D acid, 2,4,5-T and agent orange. *Organohalogen Compd.* 36, 289.
- Schuhmacher M, Granero S, Domingo JL (1996) Levels of PCDD/F in soil samples in the vicinity of a municipal solid waste incinerator. *Organohalogen Compd.* 28, 330-334.
- Schuhmacher M, Granero S, Llobet JM, De Kok HAM, Domingo JL (1997a) Assessment of baseline levels of PCDD/F in soil in the neighbourhood of a new hazardous waste incinerator in Catalonia, Spain. *Chemosphere* 35, 1947-1958.
- Schuhmacher M, Xifró A, Llobet JM, De Kok HAM, Domingo JL (1997b) PCDD/Fs in soil samples collected in the vicinity of a municipal solid waste incinerator: Human health risks. *Arch. Environ. Contam. Toxicol.* 33, 239-246.
- Schuhmacher M, Domingo JL, Llobet JM, Müller L, Sünderhauf WW, Jager J (1998a) Baseline levels of PCDD/F in vegetation samples collected in the vicinity of a new hazardous waste incinerator in Catalonia, Spain. *Chemosphere* 36, 2581-2591.
- Schuhmacher M, Granero S, Xifró A, Domingo JL, Rivera J, Eljarrat E (1998b) Levels of PCDD/Fs in soil samples in the vicinity of a municipal solid waste incinerator. *Chemosphere* 37, 2127-2137.
- Schuhmacher M, Domingo JL, Llobet JM, Sünderhauf W, Müller L (1998c) Temporal variation of PCDD/F concentration in vegetation samples collected in the vicinity of a municipal waste incinerator. *Chemosphere* 218, 175-183.
- Schuhmacher M, Domingo JL, Llobet J, Kiviranta H, Vartiainen T (1999a) PCDD/F concentrations in milk of nonoccupationally exposed women living in southern Catalonia, Spain. *Chemosphere* 38, 995-1004.



- Schuhmacher M, Domingo JL, Llobet JM, Lindström G, Wingfors H (1999b) Dioxin and dibenzofurans concentrations in blood of a general population from Tarragona, Spain. *Chemosphere* 38, 1123-1133.
- Schuhmacher M, Domingo JL, Llobet JM, Lindström G, Wingfors H (1999c) Dioxin and dibenzofuran concentrations in adipose tissue of a general population from Tarragona, Spain. *Chemosphere* 38, 2475-2487.
- Schwarz G, Stieglitz L, Roth W (1990) Formation conditions of several polychlorinated compound classes on fly ash of a municipal waste incinerator. *Organohalogen Compd.* 3, 169-172.
- Servei Català de Trànsit (1999) Dades de mobilitat de vehicles a les carreteres catalanes, Abril 1999.
- Servei d'Agents Rurals i de Prevenció d'Incendis Forestals. Direcció General del Medi Natural, Departament d'Agricultura, Ramaderia i Pesca. Generalitat de Catalunya (1999) Estadística d'Incendis Forestals: Resum per Comarques Territorials de Tarragona. Període 1989/1998. Comunicació personal. Abril 1999.
- Shiu WY, Doucette W, Gobas FAPC, Andren A, Mackay D (1988) Physical-chemical properties of chlorinated dibenzo-p-dioxins. *Environ. Sci. Technol.* 22, 651-658.
- Stieglitz L, Zwick G, Beck J, Roth W, Vogg H (1989) On the *de novo* synthesis of PCDD/PCDF on fly ash of municipal waste incinerators. *Chemosphere* 18, 1219-1226.
- Su M, Christensen ER (1997) Apportionment of sources of polychlorinated dibenzo-p-dioxins and dibenzofurans by a chemical mass balance model. *Wat. Res.* 31, 2935-2948.
- Tamburro (1992) Chronic liver injury in phenoxy herbicide exposed Vietna veterans. *Environ. Res.* 59, 175-188.
- Thanh BD, Lefevre T (2001) Assessing health benefits of controlling air pollution from power generation: the case of a lignite-fired power plant in Thailand. *Environ. Manage.* 27, 303-317.
- Thomas VM, Spiro TG (1996) The US Dioxin Inventory: are there missing sources?. *Environ. Sci. Technol.* 30, 82-85.
- Tolosa I, Bayona JM, Albaigés J (1995) Spatial and Temporal distribution, fluxes and budgets of organochlorinated compounds in Northwest Mediterranean

- sediments. *Environ. Sci. Technol.* 29, 2519-2527.
- Trapp S, Matthies M (1997) Modeling volatilization of PCDD/F from soil and uptake into vegetation. *Environ. Sci. Technol.* 31, 71-74.
- Travis CC, Hattemer-Frey HA (1990) Dioxin: research needs for risk assessment, *Chemosphere* 20, 729-742
- Tysklind M, Fångmark I, Marklund S, Lindskog A, Thaning L, Rappe C (1993) Atmospheric transport and transformation of polychlorinated dibenzo-p-dioxins and dibenzofurans. *Environ. Sci. Technol.* 27, 2190-2197.
- UK Environment Agency (1997) A review of dioxin releases to land and water in the UK. Report no. 1710 produced under Environment Agency Research and Development Project HMIP/CPR2/41/1/248 by AEA Technology plc, Harwell, Didcot, Oxfordshire OX11 0RA.
- UNEP-United Nations Environment Programme (1999) Dioxin and Furan Inventories. National and Regional Emissions of PCDD/PCDF. UNEP Chemicals, Geneva, Switzerland.
- USEPA (1992) Estimating exposure to dioxin-like compounds. The Office of Research and Development, Washington, DC, Review Draft. EPA/600/6-88/005B.
- USEPA (1998) The inventory of sources of dioxins in the United States. The Office of Research and Development, National Center for Environmental Assessment, Washington DC, External review draft, EPA/900/P-98/002Aa.
- USEPA (2000) Economic Analysis of effluent limitations guidelines and standards for the Centralized Waste Treatment Industry. Costs and Benefits of the CWT effluent limitations guidelines and standards,  
<http://www.epa.gov/ostwater/guide/cwt/cwteac.html>
- Valerio E (1991) La Legislación Europea del Medio Ambiente: su aplicación en España, Ed. Colex, Madrid. ISBN: 84-7879-040-3.
- Van der Voet E, Kleijn R, Van Oers L, Heijungs R, Huele R, Mulder P (1995a) Substance flows through the economy and environment of a region. Part I: Systems definition. *Environ. Sci. Pollut. Res.* 2, 90-96.
- Van der Voet E, Heijungs R, Mulder P, Huele R, Kleijn R, Van Oers L (1995b) Substance flows through the economy and environment of a region. Part II: Modelling. *Environ. Sci. Pollut. Res.* 2, 137-144.
- Van Lieshout L, Desmedt M, Roekens E, De Fré R, Van Cleuvenbergen, Wevers M

- (2001) Deposition of dioxins in Flanders (Belgium) and a proposition for guide values. *Atmospheric Environment* 35 Supplement No. 1, S83-S90.
- Van Zorge JA, Van Wijnen JH, Theelen RMC, Olie K, Van den Berg M (1989) Assessment of the toxicity of mixtures of halogenated dibenzo-p-dioxins and dibenzofurans by use of toxicity equivalency factors (TEF). *Chemosphere* 19, 1881-1895.
- Vogg H, Metzger M, Stieglitz L (1987) Recent findings on the decomposition of PCDD/F in municipal waste incineration. *Waste Manage. Res.* 5, 285-294.
- Wania F, Mackay D (1999) The evolution of mass balance models of persistent organic pollutant fate in the environment. *Environ. Pollut.* 100, 223-240.
- Wichmann H, Lorenz W, Bahadir M (1995) release of PCDD/F and PAH during vehicle fires in traffic tunnels. *Chemosphere* 31, 2755-2766.
- Winters DL, Barton RG, Kathy EB, Davis M, Alburty DS, Lorber MN (1999) A field study to evaluate the potential for the release of dioxins from pentachlorophenol treated utility poles. *Organohalogen Compd.* 41, 35-39.