

Prof. RNDr. Ivan H O L O U B E K, CSc.

RECETOX

(Research Centre for Environmental Chemistry and EcoTOXicology)

Masaryk University, Faculty of Science, Kamenice 126/3, 625 00 Brno

Tel: +420 547 121 401; Mobil: +420 602 753 138; Fax: +420 547 121 431

E-mail: holoubek@recetox.muni.cz; tocoen@tocoen.cz; <http://recetox.muni.cz/>; <http://www.tocoen.cz/>

CURRICULUM VITAE

Date of birth: April 11, 1951
Private address: Kuršova 1, 635 00 Brno, Czech Republic, phone: + 420 546 212 5 43
Nationality: Czech
Civil status: married

Educational training:

1975 - Organic Chemistry, Purkyně University, Brno, CR
1977 - MSc. - Analytical Chemistry, Purkyně University, Brno, CR
1987 - PhD. - Ecology - Charles University, Praha, CR
1990 - Assoc. Prof. - Environmental Sciences, Charles University, Praha, CR
1998 - Prof. - Environmental Chemistry, Technical University Brno, CR

Employment:

1976 - Water Research Institute, Brno, technical assistant
1977 - Department of Organic Chemistry, Purkyně University, Brno, Assistant Professor
1983 - Department of Environmental Studies, Purkyně University (from 1990 Masaryk University)
1990 - Head of Department of Environmental Studies, Masaryk University, Brno (from 1995 - Department of Environmental Chemistry and Ecotoxicology)
1994 - Director of RECETOX (Research Centre for Environmental Chemistry and Ecotoxicology, Masaryk University Brno, CR)
1995 - Project Manager of EU PHARE Project EU/Air/21
1997 - Expert for Risk Assessment, PHARE Program „Air Pollution Monitoring of Slovakia“, EU/Air/22
2001 - Regional coordinator of UNEP Chemicals/GEF Project “Regionally - based assessment of Persistent Toxic Substances - Region 3 - Europe
2002 - Coordinator of UNIDO project “Enabling activities to facilitate early action in the implementation of the Stockholm Convention on Persistent Organic Pollutants (POPs Convention) in Czech Republic“

Qualification: Environmental Chemist

Language skills: English, Russian

Educational topics:

Environmental Chemistry, Ecotoxicology, Chemical Ecotoxicology, Risk Analysis, Monitoring Systems, Environmental Impact Assessment

Research activities:

The fate of persistent organic pollutants in the environment, environmental impact assessment, risk analysis - ecological risk assessment

Publication:

16 books or book chapters, 7 textbooks, over 630 scientific papers, conference contributions, research and technical reports

Grants 1993-2002:

USA (1), Canada (1), EC (4), Belgium (1), Ministry for Environment Czech Republic (17), Ministry for Education (6), Czech Grant Agency (4), UNEP Chemicals (1), UNIDO (1)

Scientific visits:

1988 - 2003 - 110 short time stays (5 days - 4 month)

Memberships in scientific organization and institutions:

UN/ECE - Task Force on Persistent Organic Pollutants, Task Force on Emission Inventory, Ad Hoc Preparatory Working Group on Persistent Organic Pollutants, Task Force on Measurements and Modeling
OSN UNEP/IFCS – POPs Protocol – regional experts group, regional coordinator of UNEP/GEF Regionally Based Assessment of PTS Project
Society for Risk Analysis, SETAC - Society of Environmental Chemistry and Toxicology, SECOTOX - Society of Ecotoxicology and Chemical Safety (member of CEEC regional committee)
Chairman of Czech Society for Environmental Chemistry and Ecotoxicology
Member of editorial board of Chemosphere, Environmental Science and Pollution Research, Fresenius Environmental Bulletin, Acta Hydrobiologica et Hydrochimica,

Selected papers:

A. MONOGRAPHY:

- 1) **I. Holoubek, J. Kiceniuk:** Polycyclic Aromatic Compounds. In: Analysis of Contaminants in Edible Aquatic Resources. Vol.II, Ch. 7, VCH Publishers Inc. 1994, s. 429-452.
- 2) **I. Holoubek, J. Čáslavský, Z. Šeda, R. Vančura, J. Helešic, J. Benedík, A. Kočan, J. Petrik, J. Chovancová, K. Bíliková, P. Kořínek, Z. Boháček, I. Borkovcová, I. Holoubková, P. Dostál, L. Houšková, C. Mikeš, M. Bezačinský, L. Neubauerová, M. Matoušek, R. Mikulíková, A. Zemek, J. Hajšlová, M. Vávrová.** Project TOCOEN (Toxic Organic Compounds in the Environment). The Fate of Selected Organic Compounds in the Environment. Part XX. The Pollution of Environment in Czechoslovakia by Selected Organic Pollutants. In: Environmental Contaminants in Eastern Europe. Ecochemical and Ecotoxicological Case (Eds. E. Heinisch, A. Kettrup, S. Wenzel-Klein), ECOMED, Landsberg 1994, Ch. 7.1., 302-315.
- 3) **I. Holoubek, J. Čáslavský, L. Nondek, A. Kočan, B. Pokorný, J. Leníček, J. Hajšlová, V. Kocourek, M. Matoušek:** The Compilation of Emission Factors for Persistent Organic Pollutants. Processed for Government Canada, TOCOEN MU Brno, March 1993, 200 s.
- 4) **M. Váňa, A. Pacl, J. Pekárek, J. Smítka, I. Holoubek, J. Honzák, S. Kliegrová, J. Hruška:** Quality of the natural environment in the Czech Republic at the regional level. CHMI Prague 1995.
- 5) **E. Heinisch, A. Kettrup, I. Holoubek, J. Matoušek, E. Podlešáková, H. Hecht, S. Wenzel:** Persistente organische Verbindungen in Nahrungsketten 7 von Bayern und Tschechien. Teil 1: Terrestrische Systeme. GSF-Berichte 10/97, Munich, FRG, 371 s.
- 6) **E. Heinisch, A. Kettrup, I. Holoubek, M. Langstädtler, E. Podlešáková, Z. Svobodová, S. Wenzel:** Persistente organische Verbindungen in Nahrungsketten 7 von Bayern und Tschechien. Teil 2. Aquatische Systeme. GSF-Berichte 11/97, Munich, FRG, 318 s.
- 7) **E. Heinisch, A. Kettrup, I. Holoubek, S. Wenzel:** Persistente organische Verbindungen in Nahrungsketten 7 von Bayern und Tschechien. Teil 3: Persistente organische Verbindungen in Unteren Teil der Troposphäre in Bayern und Tschechien – Zusammenhänge von Emission und Kontamination. GSF-Berichte 12/97, Munich, FRG, 189 s.
- 8) **I. Holoubek:** A Eastern European Perspectives. In: Persistent Organic Pollutants (POPs): Environmental Behaviour and Pathways of Human Exposure. Kluwer Academic Publishers. In press.
- 9) **I. Holoubek, L. Dušek, M. Machala, P. Čupr, K. Bláha:** Project IDRIS - Ecological Risk Assessment - regional approaches. Assessment and Management of Environmental Risks: Methods and Applications in Eastern European and Developing Countries. In press.
- 10) **V. Šatalov, A. Malenichev, T. Berg, R. Larsen, I. Holoubek, A.-R. Milukaité, O. Afinogenova, O. Rozovskaya:** Investigation and assessment of POP transboundary transport and accumulation in different media. EMEP Report 4/2000, June 2000, MSC-EAST, Moscow, Russia, 2000, 90 s.
- 11) **V. Šatalov, A. Malenichev, N. Vulykh, T. Berg, S. Mano, I. Holoubek, A.-R. Milukaité, O. Afinogenova:** Assessment of POP transport and accumulation in the environment. EMEP Report 4/2001, MSC-EAST, Moscow, Russia, June 2001, 131 s.
- 12) **M. MacDonell, I. Holoubek:** Methods and tools for assessment and management of environmental risks (Report of the working group on environmental risk assessment methods and tools). In: Assessment and Management of Environmental Risks: Methods and Applications in Eastern European and Developing Countries. Kluwer Academic Publishers, 143-154, 2001.

- 13) **I. Holoubek, L. Dušek, M. Machala, P. Čupr, K. Bláha:** Project IDRIS - Ecological Risk Assessment - regional approaches. In: Assessment and Management of Environmental Risks: Methods and Applications in Eastern European and Developing Countries. Kluwer Academic Publishers, 283-298, 2001.
- 14) **L. Bláha, M. Machala, J. Vondráček, K. Minksová, K. Breineková, I. Holoubek:** Multiple oxidative stress parameters are modulated in vitro by oxygenated polycyclic aromatic hydrocarbons identified in river sediments. In: Advances in Experimental Medicine and Biology, Vol. 50, Biological Reactive Intermediates VI: Chemical and Biological Mechanisms in Susceptibility to and Prevention of Environmental Diseases (Eds. P. M. Dansette, R. Snyder, M. Delaforge, G. G. Gibson, H. Greim, D. J. Jollow, T. J. Monks, I. G. Sipes), Kluwer Academic/Plenum Publishers, New York, Boston, Dordrecht, London, Moscow 2001, p. 225-228.
- 15) **M. Váňa, I. Holoubek, A. Pacl, J. Pekárek, V. Smrčková, P. Machálek, J. Helešic, Z. Šeda, V. Adamec, M. Janouch, J. Honzák, A. Ansorgová, J. Kohoutek, I. Holoubková, V. Šatalov, S. Dutčák, D. Fottová, J. Hruška, J. Hofman, P. Anděl:** Quality of the Natural Environment in the Czech Republic at the Regional Level. Results of the Košetice Observatory. ČHMÚ Praha, 2001, 189 s., ISBN 80-85813-88-2.
- 16) **V. Šatalov, A. Malenichev, N. Vulykh, T. Berg, S. Mano, I. Holoubek, A.-R. Milukaité, O. Afinogenova, E. Mantseva:** Assessment of POP transport and accumulation in the environment. EMEP Report 7/2002, MSC-EAST, Moscow, Russia, June 2002, 145 s.
- 17) **I. Holoubek, R. Alcock, E. Brorström-Lundén, A. Kočan, V. Petrosjan, O. Roots, V. Shatalov, Z. Amirova, A. Bergman, A. Beyer, L. Bláha, P. Bureaul, P. Coleman, P. Čupr, S. Dutchak, J. Duyzer, J. Falandysz, C. Fuell, E. Heinisch, I. Holoubková, K. Jones, A. Kettrup, J. Kohoutek, S. Koroleyva, M. Krzyzanowski, R. Kubiak, G. Lammel, A. Lecloux, M. Machala, A. Malanichev, M. McLachlan, J. Lulek, A. Palm, A. Sweetman, D. van de Meent, M. van den Berg, J. Vanderbrocht, J. Vijgen, P. Weiss, S. Wenzel:** Regionally Based Assessment of Persistent Toxic Substance - European Regional Report. UNEP Chemicals. Number of project: GF/CP/4030-00-20, Number of subproject: GF/XG/4030-00-86, November 2002, 147 p.
- 18) **I. Holoubek, V. Adamec, M. Bartoš, M. Černá, P. Čupr, K. Bláha, L. Bláha, K. Demnerová, J. Drápal, J. Hajšlová, I. Holoubková, L. Jech, J. Klánová, J. Kohoutek, V. Kužílek, P. Machálek, V. Matějů, J. Matoušek, M. Matoušek, V. Mejstřík, J. Novák, T. Ocelka, V. Pekárek, O. Petira, M. Punčochář, M. Rieder, J. Ruprich, M. Sáňka, R. Vácha, J. Zbiral:** Úvodní národní inventura persistentních organických polutantů v České republice. Project GF/CEH/01/003: ENABLING ACTIVITIES TO FACILITATE EARLY ACTION ON THE IMPLEMENTATION OF THE STOCKHOLM CONVENTION ON PERSISTENT ORGANIC POLLUTANTS (POPs) IN THE CZECH REPUBLIC. November 2002, 745 p.

B. RESEARCH PAPERS

- 1) **I. Holoubek, Z. Šeda, L. Houšková, I. Holoubková, F. Kott, J. Pekárek, A. Pacl, P. Kořínek, J. Čáslavský, Z. Boháček, B. Böhm:** The Determination of Organic Pollutants in Environmental Samples in Area of Station GEMS Košetice CSSR. GEMS Bulletin 1989, 13 s.
- 2) **I. Holoubek, I. Pánková:** Polycyclic Aromatic Hydrocarbons in Rain Waters. Scripta Fac. Sci. Nat. Univ. Brun. 19(5-6), 279-286 (1989).
- 3) **J. Klánová, I. Holoubek, I. Pánková:** Determination of Triazine Herbicides by Means of Thin Layer Chromatography. Scripta Fac. Sci. Nat. Univ. Brun. 19(5-6), 287-294 (1989).
- 4) **I. Holoubek, J. Paasivirta, P. Maatela, M. Lahtiperä, I. Holoubková, P. Kořínek, Z. Boháček, J. Čáslavský:** Comparison of Extraction Methods for PAHs Determination in Sediments. Toxicol. Environ. Chem. 25, 137-154 (1990).
- 5) **I. Holoubek, L. Houšková, Z. Šeda, I. Holoubková, F. Kott, P. Kořínek, Z. Boháček, J. Čáslavský, M. Bezačinský, C. Mikeš, M. Horák, A. Kočan, J. Petrik:** Project TOCOEN. The Fate of Selected Organic Compounds in the Environment. I. Introduction. Toxicol. Environ. Chem. 29, 9-17 (1990).
- 6) **I. Holoubek, L. Houšková, Z. Šeda, I. Holoubková, F. Kott, P. Kořínek, Z. Boháček, J. Čáslavský:** Project TOCOEN. The Fate of Selected Organic Compounds in the Environment. II. Air and Rainwater 1988. Toxicol. Environ. Chem. 29, 19-27 (1990).
- 7) **I. Holoubek, L. Houšková, Z. Šeda, I. Holoubková, F. Kott, P. Kořínek, Z. Boháček, J. Čáslavský:** Project TOCOEN. The Fate of Selected Organic Compounds in the Environment. III. Water and Sediments 1988. Toxicol. Environ. Chem. 29, 29-35 (1990).
- 8) **I. Holoubek, L. Houšková, Z. Šeda, I. Holoubková, F. Kott, P. Kořínek, Z. Boháček, J. Čáslavský:** Project TOCOEN. The Fate of Selected Organic Compounds in the Environment. IV. Soils, Earthworms and Vegetation 1988. Toxicol. Environ. Chem. 29, 73-83 (1990).

- 9) **I. Holoubek, L. Houšková, Z. Šeda, I. Holoubková, P. Kořínek, Z. Boháček, J. Čáslavský, O. Kuběna, V. Vrtělka, J. Vala:** Project TOCOEN. The Fate of Selected Organic Compounds in the Environment. V. Model Source of PAHs. Preliminary Study. *Toxicol. Environ. Chem.* 29, 251-260 (1990).
- 10) **I. Holoubek, A. Kočan, J. Petrik, I. Holoubková, P. Kořínek, M. Bezačinský:** Project TOCOEN. The fate of Selected Organic Compounds in the Environment. VII. PCBs, PCDDs and PCDFs in Ambient Air in Czechoslovakia. *Chemosphere* 23 (8-10), 1345- 1348 (1991).
- 11) **J. Petrik, J. Chovancová, A. Kočan, I. Holoubek:** Project TOCOEN. The Fate of Selected Organic Pollutants in the Environment. VIII. PCBs in Human Adipose Tissues from Different Regions of Slovakia. *Toxicol. Environ. Chem.* 34, 13-18 (1991).
- 12) **I. Holoubek, Z. Šeda, L. Houšková, J. Kaláček, A. Kočan, J. Petrik, J. Chovancová, K. Bíliková, I. Holoubková, M. Bezačinský:** Project TOCOEN. The Fate of Selected Organic Pollutants in the Environment. Part IX. A Model Source of PCBs, PCDDs and PCDFs. *Toxicol. Environ. Chem.* 35, 175-183 (1992).
- 13) **I. Holoubek, Z. Šeda, L. Houšková, L. Kaláček, Z. Štrouflová, R. Vančura, A. Kočan, J. Petrik, J. Chovancová, K. Bíliková, I. Holoubková, A. Zemek, P. Kořínek, M. Matoušek, R. Mikulíková, M. Vávrová:** Project TOCOEN - The Fate of Selected Organic Pollutants in the Environment. Part X. The PCBs, PCDDs and PCDFs in Soils from Czechoslovakia - Preliminary Study. *Toxicol. Environ. Chem.* 36, 105-114 (1992).
- 14) **I. Holoubek, A. Kočan, J. Petrik, J. Chovancová, K. Bíliková, P. Kořínek, I. Holoubková, J. Pekárek, F. Kott, A. Pacl, M. Bezačinský, L. Neubauerová:** Project TOCOEN - The Fate of Selected Organic Compounds in the Environment. Part XI. The PAHs, PCBs, PCDDs/Fs in Ambient Air at Area of Background GEMS Station. Seasonal Variations. *Toxicol. Environ. Chem.* 36, 115-123 (1992).
- 15) **M. Machala, R. Ulrych, I. Holoubek, J. Čáslavský, A. Kočan, J. Petrik, J. Chovancová, K. Bíliková, F. Filip, V. Gajdůšková:** The Effect of PAHs on the Measurements of TCDD-like Toxic Potency in Chick Embryo Livers. In: *Polycyclic Aromatic Compounds: Synthesis, Properties, Analytical Measurements, Occurrence and Biological Effects.* PAH XIII (P. Garriuges and M. Lamatte Eds.), Gordon and Breach Sci. Publishers 1993, 1229-1237.
- 16) **I. Holoubek:** TOCOEN Project - Goals, State and Prospects. *Centr. Eur. J. Publ. Hlth.* 1(2) 107-109 (1993).
- 17) **I. Holoubek:** Soil and sediment contamination by persistent organic pollutants in the Moravian and Slovakian parts of the Danube catchment area and some Bohemian sites in the Elbe catchment area. *Land Degradation and Rehabilitation.* 4, 333-337 (1993).
- 18) **I. Holoubek, J. Čáslavský, J. Helešic, R. Vančura, J. Kohoutek, A. Kočan, J. Petrik, J. Chovancová:** Project TOCOEN - The fate of selected organic pollutants in the environment. Part XXI. The contents of PAHs, PCBs, PCDDs/Fs in sediments from Danube river catchment area. *Toxicol. Environ. Chem.* 43, 203-215 (1994).
- 19) **I. Holoubek, J. Čáslavský, R. Vančura, L. Dušek, J. Kohoutek, A. Kočan, J. Petrik, J. Chovancová, P. Dostál:** Project TOCOEN - The fate of selected organic pollutants in the environment. Part XXII. The contents of PAHs, PCBs, PCDDs/Fs in soil from surroundings of Brno municipal waste incinerator. *Toxicol. Environ. Chem.* 43, 217-228 (1994).
- 20) **J. Chovancová, J. Petrik, A. Kočan, I. Holoubek:** Project TOCOEN. The fate of selected organic pollutants in the environment. XXIII. Sampling and analysis of PCBs, PCDDs/Fs in ambient air in Bratislava. *Toxicol. Environ. Chem.* 44, 73-80 (1994).
- 21) **I. Holoubek, J. Čáslavský, R. Vančura, A. Kočan, J. Chovancová, J. Petrik, B. Drobná, P. Cudlín, J. Tříška:** Project TOCOEN - The fate of selected organic pollutants in the environment. Part XXIV. The content of PCBs and PCDDs/Fs in high-mountain soils. *Toxicol. Environ. Chem.* 45, 189-197 (1994).
- 22) **I. Holoubek, J. Čáslavský, J. Helešic, A. Kočan, J. Petrik, J. Chovancová, B. Drobná, P. Kořínek, Z. Boháček, I. Holoubková, L. Kaláčková, J. Kaláček, R. Vančura, Z. Šeda, L. Dušek, L. Mátlová, J. Kohoutek, K. Štaffová, A. Zemek:** TOCOEN Project. *Centr. Eur. J. Pub. Hlth.* 2(2), 122-129 (1994).
- 23) **I. Holoubek, B. Pokorný:** Hazardous Wastes - Source of Harmful Persistent Organics. *Centr. Eur. J. Pub. Hlth.* 2(Suppl.), 83-84 (1994).
- 24) **M. Kummerová, L. Slovák, I. Holoubek:** Project TOCOEN - The fate of selected organic pollutants in the environment. Part XXV. Phytotoxicity studies of benzo[a]pyrene with *Lactuca sativa*. *Toxicol. Environ. Chem.* 51, 197-203 (1995).
- 25) **M. Kummerová, L. Slovák, I. Holoubek:** Project TOCOEN - The fate of selected organic pollutants in the environment. Part XXV. Phytotoxicity studies of benzo[a]pyrene with *Lactuca sativa*. *Toxicol. Environ. Chem.* 51, 197-203 (1995).
- 26) **I. Holoubek, L. Dušek, L. Mátlová, J. Čáslavský, D. Patterson et al.:** The fate of selected organic compounds in the environment Part XXVI. The contents of PCBs and PCDDs/Fs in human fat in Czech

- and Slovak Republics. Proceedings DIOXIN '95 - Organohalogen compounds, Vol 26, 257 - 559. August 21 - 25, (1995).
- 27) **M. Kummerová, L. Slovák, J. Mazánková, I. Holoubek:** Project TOCOEN - The fate of selected organic pollutants in the environment. Part XXVI. The effect of fluoranthene on the germination of plants. *Toxicol. Environ. Chem.* 52, 1-10 (1996).
 - 28) **I. Holoubek, J. Čáslavský, J. Helešic, A. Kočan, J. Petrik, J. Chovancová, B. Drobná, P. Kořínek, Z. Boháček, I. Holoubková, L. Kaláčková, J. Kaláček, R. Vančura, Z. Šeda, L. Dušek, L. Mátlová, J. Kohoutek, K. Štaffová, A. Zemek:** Project TOCOEN. Archives of the Environmental Protection, Poland. 3 - 4, 9-34 (1996)
 - 29) **M. Kummerová, L. Slovák, I. Holoubek:** Project TOCOEN - The fate of selected organic pollutants in the environment. Part XXVII. The effect of fluoranthene on the growth of lettuce. *Scripta Fac. Scient. Natur. Univ. Masarykianae Brun.* 24, 53-58 (1996).
 - 30) **I. Holoubek, J. Čáslavský, P. Kořínek, K. Štaffová, J. Kohoutek, A. Hrdlička:** Project TOCOEN - The fate of selected organic compounds in the environment. Part XXVIII. Levels of PAHs and some halogenated POPs in ambient air in Czech Republic. *Polycyclic Aromatic Compounds* 9, 159-167 (1996).
 - 31) **I. Holoubek, J. Čáslavský, P. Kořínek, J. Kohoutek, K. Štaffová, A. Hrdlička, B. Pokorný, R. Vančura, J. Helešic:** Project TOCOEN - The fate of selected organic compounds in the environment. Part XXVII. Main sources, emission factors and input of PAHs in Czech Republic. *Polycyclic Aromatic Compounds* 9, 151-157 (1996).
 - 32) **I. Holoubek:** Persistent organic pollutants - the state of contamination of ambient air in Central Europe. Possible sources and effects. *Arch Toxicol (Suppl 18)*, 381-390 (1996).
 - 33) **J. Damborský, K. Manová, A. Berglund, M. Sjoström, M. Němec, I. Holoubek:** Biotransformation of chloro- and bromoalkenes by crude extracts of *Rhodococcus erythropolis* Y2. *Adv. Environ. Res.* 1(1), 50-57 (1997).
 - 34) **K. Chroust, P. Kuglík, J. Relichová, I. Holoubek, J. Čáslavský, R. Veselská, M. Rysková, J. Benedík:** *Drosophila melanogaster*, *Vicia faba* and *Arabidopsis thaliana* short-term bioassays in genotoxicity evaluation of air and soil samples from sites surrounding two industrial factories in the Czech Republic. *Folia Biologica* 43, 2-14 (1997).
 - 35) **M. Kummerová, L. Slovák, J. Mazánková, I. Holoubek:** The effect of fluoranthene on the germination of plants. *Toxicol. Environ. Chem.* 60, 235-244 (1997).
 - 36) **I. Holoubek, J. Tříška, P. Cudlín, J. Čáslavský, K.-W. Schramm, A. Kettrup, J. Kohoutek, P. Čupr, E. Schneiderová:** Project TOCOEN (Toxic Organic Compounds in the Environment), Part XXXI. The occurrence of POPs in high mountain ecosystems of the Czech Republic. *Toxicol. Environ. Chem.*, 66, 17-25 (1998).
 - 37) **M. Škoda, L. Dušek, I. Holoubek:** Microbial biomass and its mineralization activity in a comparative study of five anthropogenic grassland soils contaminated by persistent organic pollutants. *Toxicol. Environ. Chem.* 66, 113-126 (1998).
 - 38) **R. Rojíčková, B. Maršálek, I. Holoubek:** Evaluation of alternative and standard toxicity assays for screening of environmental samples: Selection of an optimal test battery. *Chemosphere* 37 (3), 495-507 (1998).
 - 39) **I. Holoubek, J. Tříška, P. Cudlín, K.-W. Schramm, A. Kettrup, K. C. Jones, E. Schneiderová, J. Kohoutek, P. Čupr:** The occurrence of PCDDs/Fs in high-mountain ecosystems of the Czech Republic. *Organohalogen Compounds*. Vol. 39, 137-144 (1998).
 - 40) **I. Holoubek, M. Machala, K. Štaffová, J. Helešic, A. Ansorgová, K.-W. Schramm, A. Kettrup, J. P. Giesy, K. Kannan, J. Mitera:** PCDDs/Fs in sediments from Morava river catchment area. DIOXIN 98, Stockholm, Sweden, 17-21/08/98 (poster). *Organohalogen Compounds*. Vol. 39, 261-266 (1998).
 - 41) **H. W. Walack, D. J. Bakker, I. Brandt, E. Brostrom-Lundén, A. Brouwer, K. R. Bull, C. Gough, R. Guardans, I. Holoubek, B. Jansson, R. Koch, J. Kuylenstierna, A. Lecloux, D. Mackay, P. McCutcheon, P. Mocarelli, R. D. F. Taalman:** Controlling persistent organic pollutants - what next? *Environ. Toxicol. Pharmacol.* 6, 143-175 (1998).
 - 42) **I. Holoubek:** Persistent bioaccumulative and toxic chemicals in Central and Eastern Europe: Levels and Risks. *Crit. Revs. in Anal. Chem.*, 29, 179-185 (1999).
 - 43) **K. Hilscherová, A. Ansorgová, I. Holoubek:** Distribution of polycyclic aromatic hydrocarbons among different compartments of river system. Submitted to *Chemosphere*.
 - 44) **K. Hilscherová, K. Kannan, Y.-S. Kang, I. Holoubek, M. Machala, S. Masunaga, J. Nakanishi, J. P. Giesy:** Characterization of dioxin-like activity of riverine sediments from the Czech Republic. Submitted to *Environ. Toxicol. Chem.*
 - 45) **K. Hilscherová, K. Kannan, I. Holoubek, J. P. Giesy:** Characterization of estrogenic activity of riverine sediments from the Czech Republic. Submitted to *Environ. Toxicol. Chem.*

- 46) **K. Hilscherová, L. Dušek, K. Kannan, J. P. Giesy, M. Machala, I. Holoubek:** Evaluation of Cytotoxicity, Dioxin-like Activity and Estrogenicity of Complex Environmental Mixtures. *Centr. Eur. J. Publ. Hlth.* 8, 28-29 (2000).
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