

## Curriculum Vitae

### **NAME: Peter-Diedrich Hansen**

**UNIVERSITY:** Studied Biology and Chemistry at the University of Tübingen and Hamburg from 1964 to 1971. Doctorate with a Major in Hydrobiology and Fishery Research and a Minor in Organic Chemistry on 2 April 1976.

**DISSERTATION:**"Experiments on the Accumulation of Lindane ( $\gamma$ - BHC) in a laboratory freshwater food chain made up of *Chlorella spec.* - *Daphnia magna* (STRAUS) and *Gasterosteus aculeatus* (LINNE)".

**HABILITATION:**Habilitated as a privatdocent at the Technische Universität Berlin (Berlin University of Technology) on 12 October 1988. Venia legendi in Limnology and Ecotoxicology.

**PROFESSION:** November 1980-October 1990 Employed as Departmental Director in the Institute for Water, Soil and Air Hygiene of the Federal Health Office.

April 1981-1990 Teaching at the Technische Universität Berlin on the subject of "Ecotoxicology and Landscape Ecology". July 1990 Appointment to a position as a University Professor for "Ecotoxicology" at the Technische Universität Berlin (Berlin University of Technology).1990 – 2009 full Univ.-Prof. at the TU-Berlin, Faculty VI, Institut of Ecology , Head of the Chair (Fachgebiet) Ecotoxicology.

### **AREAS OF WORK:**

Effects Monitoring (freshwater and marine), Genotoxicity), Immunosuppression (Phagocytosis) and research under microgravity. Early warning systems, whole cell biosensors and bioanalytical methods. Methods of Data Evaluation and Rating (Eva.S: Evaluation Strategies and Data Processing of Indicator Values)

### **Research Work outside Germany:**

01.05.-28.10.1986 Experimental Lake Area (ELA) Northern Ontario, D.Schindler / J. Klaverkamp, Freshwater Institute Winnipeg, Environment of Canada

12.06.-13.11.1987 Bedford Institute, Dartmouth, Dr. R. Addison, Env. of Canada

01.08.-23.11.1992 Bedford Institute, Dartmouth, Dr. R. Addison, Env. of Canada

1998 Lecturer in the summer school at Cranfield University: Advanced Study Course "Biosensors for Environmental Monitoring" 20-24 July 1998 (EC ref. no. PL977030)

01.04.-14.06.2006 / 01.08.-03.09.2007 Hong Kong University of Science and Technology, Biosensors (R. Renneberg)

**Since 2009 Emeritus Status at the TU-Berlin** still lecturing: as Senior Lecturer for Master-Studies (M.Sc.): Ecological Impact and Life Cycle Assessment, Ecotoxicology and in vitro non animal testing for environmental impact assessment and risk analysis. Directing at the TU-Berlin as a PI (Principal Investigator): BMWi/DLR/ESA Project "TRIPLE-LUX B"(2012-2015) "Immunological and cellular responses under microgravity and space radiation – development of a biosensor with phagocytic cells".

### **Since 2009 International Consulting Ecotoxicology Membership**

Member MAX-PLANCK-GESELLSCHAFT

Member Fachgruppe Wasserchemie (Wasserchemische Gesellschaft) der GDCh

Member Verein für Wasser-, Boden- und Lufthygiene e.V.

Over 130 Publications

Berlin, 13<sup>th</sup> of December 2013