

## **HANS VAN DER SLOOT**

Dr in Chemistry from the Free University in Amsterdam (1972). PhD at Free University in 1976. Title: Trace analysis in water samples by neutron activation analysis after pre-concentration on activated carbon. Since 1976 he has held different positions at the Netherlands Energy Research Foundation (ECN, Petten). From 1976 to 1980 he has been active in Neutron Activation Analysis of all kinds of matrices: sediments, soils, rocks, waste materials, atmospheric dust, plastics, glass, vegetables, coal fly ash, catalysts and slag. From 1980 change of focus to environmental issues related to energy production and development and standardization of leaching test for environmental assessment of waste and alternative materials in construction.

Hans van der Sloot is involved in standardization of Leaching tests for waste through CEN TC 292 "Characterization of Waste", mining waste through his activities in CEN TC 292 WG8 dealing with wastes from the extractive industry, soil, sludge and sediments through his activities in ISO TC 190 "Soil" and construction products through CEN Committee 315 "Construction products: Assessment of release of dangerous substances" with a mandate to adopt/develop test methods for the EU Construction Products Directive (CPD) Essential Requirement 3 on Health and Environment. He is working closely with US EPA in implementing more elaborate characterization leaching tests, similar to the ones developed in CEN and ISO, in regulatory practice to facilitate better decision making. He has been involved in the development of national regulations (Building Materials Decree, 1995) and in the EU Landfill Directive.

### **External professional activities:**

Consulting: Hans van der Sloot Consultancy

Other: He is Associate editor for Elsevier's journal Waste Management. He has coordinated several European Union funded research projects (Directorate General Environment and Directorate General Research). Hans van der Sloot is co-editor of several books and monographs. He has presented many papers at national and international conferences and has published in national and international journals. He is one of the main developers of LeachXS (joint venture between ECN Netherlands, Vanderbilt University USA and DHI Denmark), a decision support tool for a wide spectrum of materials and products ranging from soil, sediment, sludge to a variety of waste types, stabilised waste and construction products.

## Contact information

### Until December 31, 2009

Environmental Risk Assessment  
Biomass, Coal & Environmental Research  
Energy research Centre of the Netherlands  
Westerduinweg 3  
P.O. Box 1, 1755 ZG Petten  
The Netherlands  
Phone: +31 224 564249  
Fax: +31 224 568163  
Email: [vandersloot@ecm.nl](mailto:vandersloot@ecm.nl)

### From January 1, 2010:

#### Hans van der Sloot Consultancy

Dorpsstraat 216  
1721 BV Langedijk  
The Netherlands  
Tel: +31(0)226-341607  
Fax: +31(0)84 7298428  
Email: [consultancy@vandersloot.org](mailto:consultancy@vandersloot.org)

