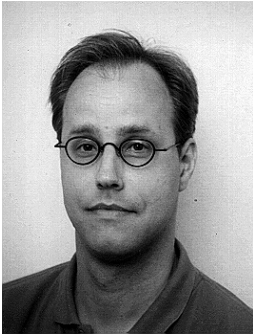


1997 Andrei Borisovich Vistelius Research Award



The Vistelius Award recipient, Gert Jan Weltje, is an assistant professor of Mathematical Geology at the Faculty of Civil Engineering and Applied Geosciences, Delft University of Technology, and at the Netherlands Institute of Applied Geosciences TNO (National Geological Survey), both in Delft, the Netherlands. He is a native of the Netherlands and received his B.Sc., M.Sc. and Ph.D. degrees in Earth Sciences from Utrecht University (dissertation: 'Provenance and dispersal of sand-sized sediments: reconstruction of dispersal patterns and sources of sand-sized sediments by

means of inverse modelling techniques.')

He has held research and teaching positions at the Earth-Science Faculty of Utrecht University. Research on radiometric provenance analysis was carried out in collaboration with the department of Nuclear Physics, University of Groningen. At the Vrije Universiteit, Amsterdam, in the Netherlands Research School of Sedimentary Geology (NSG) he worked on a project aimed at the development of new techniques for mass-balancing of basin fills and their source areas. During the same period, he also worked as a statistical-sedimentological consultant for the oil industry.

Weltje's research interests centre on formalisation and quantification of concepts in sedimentary geology. He is currently attempting to establish a fusion between inverse methods in sedimentary petrology and macroscopic sedimentary process simulation, in order to develop tools for geologically constrained petrophysical prediction and reservoir assessment.