



## Willy Verstraete

*Professor in Environmental Biotechnology at Ghent University*



Willy Verstraete has a long record of accomplishment in Environmental Biotechnology as professor at the Ghent University. He particularly focuses on Microbial Resource Management in novel environmental processes. Since several years, he ranks as a 'highly cited author'. He has enthused a large number of great scientists at universities, governmental organizations and companies to deal with environmental problems and their management. Throughout his career, he has developed technologies in the field of resource recovery that have reached full-scale implementation and market replication. Examples of these include the Dranco process for municipal waste, the Biofloc technology in aquaculture and the Washwater cycler for the treatment of wastegases from piggery houses. He cooperated in the startup of several university spin-off enterprises. He was founder of the cluster Resource Recovery from Water of the IWA. Recently he deals with upgrading resources to microbial protein and valuable biomass components, particularly in the context of the gasification of wastes and the upcoming hydrogen economy.