

Short Bio of Katarzyna (Kasia) Kujawa-Roeleveld, PhD **Lecturer and Researcher in Environmental Technology, Sanitary Engineer**

SHORT BIO – Katarzyna Kujawa grew up in Poznan, Poland, where she did the majority of her education. After the completion of the Lyceum, she studies sanitary engineering at Technical University of Poznan, specialization wastewater treatment. After graduation in 1991 she works a couple of years at the university but gains also practical experience at WWTP of Poznan working under auspices of Poznan Waterboard, and the consulting company AQUA Ltd., involved in many urban water infrastructure projects in (environmentally) transforming Poland and especially Poznan.

In 1996 she started her PhD study at WUR, Dept. of Environmental Technology oriented towards nutrient removal from domestic wastewater that she completed successfully in 2000 with the thesis entitled 'Estimation of denitrification potential using respiration techniques'.

After completion of the PhD thesis she continued working at WUR within various post-doc projects. In 1999 she did a one year (kiem) EET project on decentralized sanitation that resulted in large multi- and transdisciplinary DESAH project from 2001-2006. This project formed a solid base for the new paradigm in wastewater management and led to many successful implementations and further research studies, both in the Netherlands and abroad. Between 2006 and 2009 she was involved in EU SWITCH project (Unesco-IHE coordinator), where she mainly focused on the removal of micropollutants (pharmaceutical residues) in decentralised sanitation concepts.

From 2009 she continues at ETE-WUR as the lectures especially at the Management of Urban Infrastructure MSc track Environmental Sciences, BSc level and MSc International Land and Water Management. She coordinates and lectures in several courses such as Basic Technologies and Management of Urban Infrastructure, Energy, Water and Nutrients Cycles in the Built Environment, Environmental Project Studies, Conjunctive Use of Water. In addition she supervise MSc and PhD students in the topics related to sanitation and reuse, wastewater management and agricultural reuse, urban harvest approach for closing water, energy and nutrient cycles in the built environment, among others. Experimental part of these research topics takes often place abroad, Indonesia, India, Bangladesh Vietnam, Tanzania, Ghana, South Africa, Ethiopia etc.

In parallel, from 2009, she has been involved in various projects at LeAF - an independent research and consultancy organisation that implements its knowledge, expertise and research facilities in the area of treatment and purification of solid and liquid residues (waste-water) and in the recovery and reuse of water, energy, nutrients and other valuable resources. LeAf was established from and is located at the sub-department of Environmental Technology of Wageningen UR, where it has access to a broad range of complementary and state-of-the-art knowledge in the area of sustainability, (biobased) technology and environment. Within LeAF she executed different projects on New Sanitation, removal of micropollutants for the Dutch market, and sanitation projects abroad, for instance in Ghana, South Africa, Tanzania, Ethiopia, Columbia etc.

