

# CV Prof. Dr. Joachim Hansen

## University of Luxembourg, Urban Water Management

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### Professional experience

1991 Diploma in Civil Engineering, University of Kaiserslautern  
1991-1997 PHD at Institute of Urban Water Management, Kaiserslautern  
1998-2001 Head of Wastewater Division, Technology Transfer Centre Wastewater and Waste Management  
2001-2009 Managing Director, Centre of Innovative Water and Wastewater Technology, Kaiserslautern  
Since 09/2009 Professor Urban Water Management and Hydraulic Engineering, University of Luxembourg

### Scientific bodies

Member of DWA (German Water Association) Working Group KA 13 'Automation and control of wastewater treatment plants'

Member of DWA Working Group KA 13.1 'Measuring instruments for carbon, nitrogen and phosphorus'

Member of DWA Coordination Group 'Energy in wastewater facilities'

Member of DWA Working Group 'Wastewater from viniculture'

Member of DWA Working Group 'Sludge treatment in small wastewater facilities'

Speaker of DWA Working Group 'Measuring of gases in WWTPs'

Member of IWA (International Water Association)

### Research profile

Optimization of wastewater treatment plants using measurement and control devices

Micropollutants in sewer systems and wastewater treatment plants

Bulking and floating sludge strategies for municipal and industrial wastewater treatment plants

Energy efficient operation of wastewater treatment plants

Increasing biogas production on wastewater treatment plants

Integrated urban water management

Ecological sanitation for closed loop systems