

VITA – Ralf Bertling



Dipl.-Ing. Ralf Bertling, Scientific Assistant, dept. Photonics and Environment

Ralf Bertling studied disposal engineering at the Westfälische Hochschule Gelsenkirchen with the focus on sewage technology and cycle management. Since 1999 Mr. Bertling has been working on various topics at the Fraunhofer-Institute UMSICHT in Oberhausen, i. a. "Removal of suspended matter and floating material from rainwater", "Production of activated carbon from renewable resources", "Determination of biomass potentials at Lower Rhine", "Production of pyrolysis oil from biogenic residues". Mr. Bertling also developed, built and supervised test systems for wastewater treatment plants, landfills and incineration plants for UMSICHT. Prior to his studies, Mr. Bertling completed a three-year apprenticeship at the Zentralkläärwerk in Ahaus. His current areas of research are projects in sewage water and urban water management. These include the removal of trace substances of treated wastewater and the treatment and utilization of domestic gray and black water. Mr. Bertling is currently working on a consortium study on the topic of macro- and microplastics with partners from the water industry and the plastic industry.

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