

## Curriculum Vitae

**Prof. Dr.-Ing. habil. Werner Bidlingmaier**

### Personal Data

Name	<b>Werner Bidlingmaier</b>
Date of Birth	<b>27 May 1946</b>
Nationality	<b>German</b>
Marital Status	<b>married, 2 children</b>

### Professional Education

1967	Matura, Kardinal von Galen Gymnasium, Kevelar, Fed. Rep. of Germany
1967-1972	Studies of civil engineering, University of Stuttgart, Fed. Rep. of Germany; subjects of specialisation: <ul style="list-style-type: none"><li>• foundation engineering</li><li>• sewage engineering</li><li>• water supply engineering</li><li>• microbiology</li><li>• waste management</li></ul>
1972	Degree: M. Sc. in civil engineering (Diplom-Ingenieur)
1979	Degree: PhD in civil engineering; subject: " <b>Factors for controlling the joint composting of sewage sludge with organic structural additives</b> "
1982	Post-doctoral thesis at the Faculty of Civil Engineering of the University of Stuttgart; subject: " <b>Heavy metals in MSW</b> "
1989 -1993	Associate Professor University Stuttgart

### Awards

1984	Scientific Award University of Brussels
2015	A Life for waste IWWG

### Professional Employments

1972-1992	Research assistance at the University Stuttgart
1987-2001	Guest Lecturers at the Oxford University
1993-1997	Full-Professor for Waste Management at the University of Essen
Since 1997	Full-Professor for Waste Management at the Bauhaus-University Weimar
1998-2010	Leader of the transfer centre for biological waste treatment Weimar
2001-2011	Vice-Rector of International development and research at the Bauhaus-University Weimar
2014 + 2015	Honorary Professor at the University Padova

## **Professional Activities**

### Research work

- Biological utilisation of waste (technical examination, processing, biological and chemical research)
- Development of Waste Management Concepts
- Odour emissions and immissions from biological treatment plants
- Research on technical waste recycling methods
- Research work on compost quality
- Development of Waste Management programs for the industry e.g. Mercedes Benz
- Research work on emissions from composting, AD and incineration plants
- Research work on degradation and compostability of biodegradable plastics
- Research on emissions from landfill sites
- Biological and mechanical pre-treatment of waste before landfilling
- Research on long-term emissions from land filling
- Research on control of AD-plants
- Research on renewable products
- Waste management in developing countries

### Engineering and consultancy

- Waste management concept
- Planning of AD plants, composting plants and landfills,
- Capacity building
- Expertise to the court

### Teaching

Lesson in:

- Biological waste treatment
- Land filling
- Waste management concepts
- Planning and engineering of waste management plants
- Water recycling
- Waste management in developing countries
- Basics of waste management
- Collection and transport of waste
- Management of health care waste
- Emission control; esp. odour

Special courses for foreign students in further education more than 50 organised and hold lessons with the topic of:

- Urban infrastructure
- Waste management
- Biological waste treatment
- Water supply and wastewater management
- Waste management in developing countries

## **Publications**

178 publications

6 scientific books

98 Papers at Conferences

## Supervision of Thesis's

- 175 Diploma- and Master
- 31 PHD
- 20 PHD as co corrector

## Assignments Abroad

Bangladesh	Waste management concepts, capacity building, landfill, composting
Belgium	Plastic recycling
Brazil	Waste management concepts Sludge treatment, landfill)
Burundi	Waste management concepts, medical waste, composting
Cambodia	Waste management concepts Planning and construction of a composting plant, capacity building
Czech Republic	Sludge treatment
Denmark	Waste management concepts Composting
Dubai	Planning of a composting plant
France	Composting
Gabon	Waste management concepts, AD, Capacity building
Ghana	Waste management concepts Composting, AD, Sewage sludge treatment
Greece	Waste management projects: Landfill, Composting
Hong Kong	Recycling of bio plastics
Indonesia	Waste management concepts Waste Management Concepts, AD, Landfill
Italy	Waste management concepts Composting, Landfill Recycling of bio plastics

Japan	Waste management concepts, AD, Composting Recycling of bio plastics
Korea	Waste management concepts Composting, AD
Mexico	Waste management concepts: Composting MBT
Nepal	Waste Management Concepts, Composting, Public Toilets, AD
Netherlands	Composting, Waste recycling shops
Norway	Composting
Poland	Landfill, waste management concepts
PR China	AD, Bio fuel, Composting, Infrastructure in Megacities
Singapore	Recycling of bio plastics
Spain	Waste management concepts Composting, AD
Sweden	Composting
Tunisia	Waste management concepts Composting
Turkey	Waste management concepts AD, composting
Thailand	Waste management concepts, AD, composting
USA	Composting, recycling plants
UK	Composting
Vietnam	Landfill, AD, composting