

CURRICULUM VITAE

Name: Andreas Paul Loibner
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Education

2008 Three seminars on 'Project Coaching', Vielfarben
2007, Jun. Seminar on 'Conflict Management', osb international
2007, Apr. Seminar on 'Strategic Management', osb international
2007, Mar. Seminar on 'Work Life Balance', Luud Berings
2006, Sept. Seminar on 'Leading of Teams' faustenhammer.com
2002, Apr. Course in 'Project Management' Roland Gareis Consulting
1995, Nov. INET Training Course on 'In-Situ and On-Site Bioremediation' in Maastricht, The Netherlands
1995 Graduation Ph.D. (honours)
Universität für Bodenkultur, Wien (University of Natural Resources and Applied Life Sciences, Vienna)
1991 – 1995 Thesis 'Biosensors for Fermentation Control'
Institute of Applied Microbiology, BOKU, Vienna
1990 Graduation Diplom Ingenieur (honours)
1989 Master thesis: 'Synthesis of a Partial Structure of the Lipopolysaccharide of *Acinetobacter calcoaceticus*'
Institute of Chemistry, BOKU, Vienna
1983 Studies of Food and Biotechnology at the Universität für Bodenkultur, Wien (University of Natural Resources and Applied Life Sciences, Vienna)

1977 – 1982 Höhere Bundeslehranstalt für Alpenländische Landwirtschaft
(equivalent to high school)

Professional Career

Current Position

Head of Research Section Contaminated Land Management

Research Topics

Fate and transport of pollutants in soil
Ecotoxicology and Ecological Risk Assessment
Biodegradation and Bioremediation

2010 - 2013 Head of Institute for Environmental Biotechnology

2005 - 2008 Research spokesman of University Department IFA-Tulln

2004 - 2010 Vice head of Institute for Environmental Biotechnology

2003 Habilitation (*venia docendi*, postdoctoral lecture qualification) in
Environmental Toxicology (University of Natural Resources and
Applied Life Sciences, Vienna)

1995 Vice Head of the Department for Environmental Biotechnology
(IFA-Tulln)

1994 University Assistant at the Institute For Agrobiotechnology (IFA-
Tulln)

1993 Project manager 'Optimization of bioprocess control by the use of
biosensors.'

1992 – 1993 Research assistant at the Institute of Applied Microbiology, Vienna
Project manager 'Oxidase and lectin based biosensors for
fermentation on-line analysis.'

1990 – 1991 Project officer at the Institute of Applied Microbiology, Vienna
'Novel type of glucose and lactate biosensors for the measurement
of metabolic rates in fermentations.'

Professional Activities

- 2007 – 2008** European Bioremediation Conference 2008, Member of the Scientific Board
- 2007 – pres.** NUTZRAUM – Research Project on Use-specific Contaminated Land Management: Technology Development for Remediation of PAH and PHC Contaminated Groundwater
- 2006 – pres.** ISPAK – Research Project on Development of a Vegetable Oil based Method for In-Situ Remediation of PAH Contaminated Soils
- 2005 – 2006** Fractionated Analysis of Petroleum Hydrocarbons – Research Project on Planning of Bioremediation for Oil Contaminated Sites and Monitoring using Fractionated Analysis
- 2005 – 2006** ÖNORM S 2089, Member of Standardisation Committee 'Containment and Remediation Techniques'
- 2004 – pres.** SARIB – EU Research Project on Sustainable Use, Management and Protection of Resources in the Sava River Basin, former Yugoslavia
- 2004 – 2005** Editor 'Environmental Toxicity Testing', Blackwell Publishing Ltd.
- 2002 – 2005** 'Organik Gruppe' BOKU - member of this interdisciplinary working group on organic matter
- 2002 – pres.** Österreichischer Altlastenverein - Coordinator of 'Technical Guidelines' working group
- 2002** 1. ASEM Conference on Bioremediation in Hanoi, Vietnam Member of the Scientific Board
- 2002** SETAC Conference Vienna, Austria
Chair Session 'Oil Pollution and Biodegradation'
- 2002 – 2005** INTERLAND – Coordinator of Project Package 'Organic Pollution'
- 2002 – 2005** LIBERATION - EU-Research Project on Ecotoxicology on Bioavailability and Ecotoxicity
- 2001 – 2004** ÖNORM S 2028, Chair of Standardisation Committee 'Biological Treatment of Contaminated Soils'
- 2001 – 2004** ESF-Programme 'Food-Web Modelling for Ecological Assessment of Terrestrial Pollution' - Member of Steering Committee
- 2001** International 'Workshop on Ecological Risk Assessment' in Nunspeet, The Netherlands - Member of Organising Committee
- 2000 – 2004** Member of the European Infrastructure Cooperation Network on 'Geoenvironmental Engineering'
- 1998 – 2001** Scientific delegate in CLARINET (Contaminated Land Rehabilitation Network for Environmental Technologies)
- 1998 – 2001** EU-Research Project 'Bioremediation in the Rhizosphere'

1996 – 1998 Austrian representative in CARACAS (Concerted Action on Risk Assessment for Contaminated Sites in the European Union)
Member of NICOLE (Network for Industrially Contaminated Land in Europe)

External Research

- 2005-2006** Visiting scientist at CSIRO, Land and Water, Centre for Environmental Contaminant Research, Adelaide SA (four months).
Research on sorption of hydrocarbons in soil - characterisation of soil organic matter using DRIFT, PAS, CP MAS ¹³C-NMR, and C1s XPS.
- 2002, Aug.** Research on plant supported bioremediation at LIMOS - CNRS, Nancy France
- 2001, Nov.** Research on Toxicity Testing at the Microbiology Institute, Acad. of Sciences, Prague, Czech Republic
- 2000, Aug.** Research on Toxicity Testing at the Microbiology Institute, Acad. of Sciences, Prague, Czech Republic
- 1995, Sep.** Research Training on Environmental Biotechnology at Universities of Wageningen and Delft, The Netherlands

Membership

- ÖGBT Österreichische Gesellschaft für Molekulare Biowissenschaften und Biotechnologie; Austria (Austrian Association of Molecular Life Sciences and Biotechnology)
- ÖVA Österr. Verein für Altlastenmanagement; Austria (Austrian Association for Contaminated Sites Management)
- ÖBG Österreichische Bodenkundliche Gesellschaft; Austria (Austrian Soil Science Association)
- SETAC The Society of Environmental Toxicology and Chemistry
- EFB European Federation of Biotechnology; Europe
Section Environmental Biotechnology
- ACS American Chemical Society; US