

Participating organisations:

Dresden University of Technology
Institute of Waste Management and Contaminated Sites Treatment

Chemical and Environmental Research Institute; Barcelona

Laboratory of Environmental Chemistry and Toxicology,
Mario Negri; Milan

Universitat Politecnica de Catalunya ; Barcelona

University of Leiden
Institute of Environmental Sciences

Swedish Environmental Research Institute ; Gothenburg

Universitat Rovira i Virgili; Reus
Laboratory of Toxicology and Environmental Health

University Cattolica del Sacro Cuore; Piacenza
Institut of Agricultural and Environmental Chemistry

Technical University of Denmark; Kgs. Lyngby
Department of Management Engineering
Department of Environmental Engineering

Bureau de recherché géologiques ; Orléans
l'Unité Gestion des Déchets Service Environnement et Procédés

Universidade Federal do Rio de Janeiro
Fundacao Coordenacao de Projetos Pesquisas e Estudos Tecnologicos

Shenyang University of Aeronautical Engineering
Institute of Clean Energy & Environmental Engineering
Institute of Aeronautical Engineering

The Energy and Ressources Institute; New Dehli
Energy and Environment Technologies Division

Hanoi University of Science
Faculty of Chemistry

Hamburg University of Applied Sciences

NORDEConsult Sweden AB; Lund

CEFIC - European Chemical Industry Council

OECD Environment Directorate

SCHER - Scientific Committee on Health and Environmental Risks of the
European Commission

University of Wollongong
School of Earth and Environmental Sciences

Chinese Academy of Social Science

German Federal Agency for Environment

BZL GmbH

Technische Universität Darmstadt

German Federal Institute for Risk Assessment

Meeting place:

Shenyang Aerospace University
Number 37 of Daoyi South Street,
Shenyang, China



Fees:

Participation fee: free

Registration:

Please register via e-mail

Veit Grundmann: veit.grundmann@tu-dresden.de

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Further information: www.wadef.com/projects/riskcycle



2nd RISKCYCLE workshop

Risk of chemical additives and recycled materials

State of the art, new challenges and future trends

15th - 19th November 2010
in Shenyang/China

Organizers:

Prof. Rundong Li

Shenyang Aerospace University
Institute of Clean Energy and Environmental
Engineering

Prof. Dr.-Ing.habil. Dr. h.c. Bernd Bilitewski

Dresden University of Technology
Institute of Waste Management and
Contaminated Sites Treatment



RISKCYCLE workshop – part 1

1. Session – Fate and impact of chemicals in PR China

Moderator: : Prof. Dr. Bernd Bilitewski (TUD)

- 9.00 am** **Welcome speech**
Prof. Rundong Li
Shenyang Aerospace University
- 9.10 am** **Welcome speech of Shenyang Aerospace University**
Academician Yang Fengtian
Rector of Shenyang Aerospace University
- 9.20 am** **Introduction: aims and objectives of the project**
Prof. Dr.-Ing.habil. Dr. h .c. Bernd Bilitewski
Dresden University of Technology
- 9.40 am** **The state, impact and risk administration of chemicals in China**
Academician Jin Yong
Tsinghua University

2. Session - Fate and behaviour of chemicals and products

Moderator: Prof. Dr. Damià Barceló (CSIC)

- 10.00 am** **RISKCYCLE Work package 3: Aims achieved and future goals**
Antoni Ginebreda
Chemical and Environmental Research Institute; Barcelona
- 10.20 am** **The state of recycling technologies for plastics in China: a review**
Prof. Hu Hualong
Solid waste management center
Ministry of environmental protection of China
- 10.40 am** **Coffee break**
- 11.10 am** **Human Exposure to Brominated Flame Retardants and Dioxin-Related Compounds in Vietnamese E-waste Recycling Sites**
Prof. Pham Hung Viet (CETASD-HUS)
- 11.30 am** **Reuse potential of a chemical sludge – a hazardous waste in textile dyeing process**
Col. Rakesh Johri
The Energy and Ressources Institute; New Delhi

3. Session - Alternative testing methods

Moderator: Diego Baderna (IRFMN)

- 11.50 am** **Alternative methods: an updated point of view**
Diego Baderna
Istituto di Ricerche Farmacologiche Mario Negri; Milan
- 12:10 am** **Evaluation of integrated toxicities of chemical compounds based on QSAR and PCA**
Pro. Jingwen Chen
Dalian University of Technology
- 12.30 am** **Lunch break**



RISKCYCLE workshop – part 2

4. Session - Risk assessment methodologies

Moderator: Rosa Mari Darbra (UPC)

- 1.30 pm** **RISKCYCLE Work package 5: Aims achieved and future goals**
Rosa-Maria Darbra
Universitat Politècnica de Catalunya; Barcelona
- 1.50 pm** **Use of hybrid uncertainty theories to analyse the risk of exposure to Bisphenol A**
Gaël Bellenfant
Bureau de recherches géologiques et minières; Orléans
- 2.10 pm** **Environmental residues and ecotoxicity of chemicals and their risk assessment**
Prof. Zhou Qixing
Nankai University

- 2.30 pm** **Risk assessment methodologies: Usetox**
Dr. Marta Schuhmacher
Universitat Rovira i Virgili, Reus

- 2.50 pm** **An integrated approach to assess health risks for toxic chemicals by linking multimedia environmental and PBPK models**
Taku Tanaka
University Cattolica del Sacro Cuore, Piacenza

- 3.10 am** **Coffee break**

5. Session – Life cycle assessment applied to additives

Moderator: Henrik Fred Larsen

- 3.30 pm** **Life Cycle Assessment and additives: state of knowledge**
Henrik Fred Larsen
Technical University of Denmark, Copenhagen
- 3.50 pm** **Life cycle assessment of chemical hazardous waste in china**
Prof. Li Jinhui
Tsinghua University

6. Session – Socio-economic aspects related to chemical risks

Moderator: Tomas Rydberg (IVL)

- 4.10 pm** **RISKCYCLE Work package 7: Aims achieved and future goals**
Tomas Rydberg
Swedish Environmental Research Institute; Gothenburg
- 4.30 pm** **Spatial analysis of recyclable materials at the regional level**
Prof. Geng Yong,
Insitute of Applied Ecology, Chinese Academy of Sciences
- 4.50 pm** **Final discussion**
Prof. Dr. Li Rundong
Prof. Dr.-Ing.habil. Dr. h .c. Bernd Bilitewski
Prof. Dr. Damià Barceló
- 6.00 pm** **Dinner**
End of workshop day