



Urban River Basin Enhancement Methods

International Conference of Urban River Rehabilitation Work Package 11

HRW
CUW

October 2005

EVK-CT-2002-00082

Deliverable 11.3

Panel Discussion

Workshop 1: Urban river rehabilitation schemes:

Specifics for urban rehabilitation, reasons, results:

Objectives:

- amenity, safety, physical and mental health of people, quality of life, sufficient availability of water
- Improvement of water quality (sewage treatment)
- Water quality in Europe has improved in the last decades, also in USA
- bio climate, urban drainage, improvement of urban quality
- Hydro morphology;
- Creation of opportunities
- Creation of urban aquatic habitats
- Change of land uses along rivers

Problems:

- integration is required, to avoid isolation of funds, include efforts in urban sustainable developments
- Include all the objectives identified in studies
- What are the requirements and impact of schemes?
- Monitoring to see effectiveness of rehabilitation schemes

WS2: Selection of the rehabilitation scheme

- Method for selecting and assessing rehabilitation schemes
- Provide a structure to obtain solutions:
- Request: provision of greater guidance in the application of the scheme; software support to avoid problem of too many members

WS 3: How do Aesthetics of River rehabilitation schemes contribute

- Different view points: natural – cultural
- Higher biodiversity, variety and choice
- All river system is important to create different opportunities to link people to the river
- Bring ecology to the city, visibility of the process
- Popular aesthetics from more engineering point of view: increase aesthetics of existing schemes to include more sustainability
- Aesthetic improvement increases the value of property

WS 4: Social appraisal

Social appraisal should have very strong access.

Need to develop more indicators, e.g. of stake holders involvement: who, how many, all important ones?

Indicators on river systems, obvious and not obvious ones; indicators of quality of life?

Importance of political support, politicians

Raising awareness in early stages of project is important

Social structures should be taken into account

WS 5: Techniques

6 main messages:

- difficulty to assess previous situation and need to forecast future behaviour
- time scale and space scale very important
- methodological aspect: identification of the causes of the present situation of the rivers for the design of technical solution
- techniques must be in accordance with urban needs,
- integration of different kind of techniques
- choice of monitoring aspects

WS 6: Participation and Stake holder involvement

- River rehabilitation is a long term process
- The Process consist of lots of small actions
- The process can be successful if its open to all stake holders:
- Participation of stake holders needs funding and expert support (otherwise participation fails in early stages)
- Careful planning of actions; participation implies the commitment to do something!!!!

Major message: Stakeholders' involvement has its limits... Need to avoid "negotiation nonsense"

WS 7 Training and Technology Transfer

- training packages presented: suggestions welcome
- presentations should have introductory slides, general introductions, but also for each part
- better defined differences between the packages: public, decision makers, professionals
- link to reports, pdf files; reports are too long...need for more detailed intermediate reports

WS 8 Post Project Assessment and Indicators of Success

- we have become used to assessments ex ante, such as EIA
- parameters and targets relate to the context
- post implementation assessments: stake holder involvement, comprehensive set of indicators, project scale, constituency involved early in the project phase, developing objectives, that can then be measured and be compared to pre-implementation conditions.

- Need to increase the acceptance that project failure should be published
- Two types of success: short term and long term. More learning from long term monitoring

3 world countries:

UN-prospect on demographic development

Great part of the population will live in urban areas

Urban rivers has been exposed to industrial development, threat is the same in developing countries

Our Participation is needed

Technologies need to be implementable

In third world countries at urban planning level

Lack of governance is the main problem

General scheme concerning how to develop a rehabilitation project; need to integrate specific relationships from people to the rivers

Grass root level activities instead of global players

Learn from our mistakes and achievements

Discussion

The following issues have been raised by the participants:

- What is sustainable in river rehabilitation??
- A project with long life? Are there methods promoting sustainability
- Compare different solutions in terms of sustainability In what respect rehabilitation in urban context is unique?
- If there are special aspects: every solution should be unique
- Local flavour, social fabric, technical solutions
- What are we restoring, river or the environment ??
- What are reference point? In time? In condition? Stable river system based on existing structures and improve the quality and structure in presence.
- We also plan not states but *Processes*, there is an amount of instability immanent in the river system.

The WP leaders provided some answers and received further questions.

Since publishing of a book on Urban Stream Rehabilitation has been planned, it has been agreed that the authors of the individual chapter take into considerations the suggestions made and incorporate them into the text in addition to the findings of the project.

PROGRAMME

INTERNATIONAL CONFERENCE on **URBAN RIVER** REHABILITATION

URRC - Dresden, Germany 21. - 23. September 2005

*Conference Theme: Urban River Rehabilitation and Riverfront Development including
ecological, aesthetic, social & economic aspects*

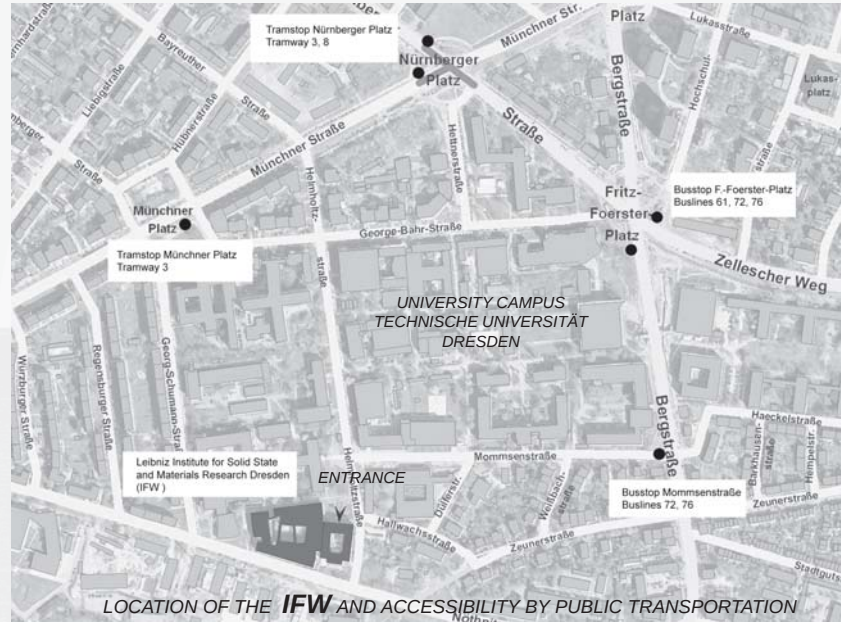
www.tu-dresden.de/urban-rivers-conference

Dear Conference Guests,

On behalf of the Scientific Committee and the local Organising Committee we would like to welcome you to the International Conference on Urban River Rehabilitation in Dresden.

Although there is a strong legislative background to protect and enhance water resources, there still is a lack of methods for river restoration especially in relation to the constrained settings in an urban environment. New planning and management methods, decision-making tools and physical rehabilitation techniques need to be adapted. The Conference will provide a unique opportunity for an exchange of innovative ideas and professional experiences in urban river rehabilitation, a field of increasing global interest.

On Wednesday, the 21st of September, workshops will provide a detailed insight into the results of the European Research Project „Urban River Basin Enhancement Methods (URBEM)“. The workshops will take place at the IFW (Leibniz Institute for Solid State and Materials Research Dresden) in the centre of the University Campus. On Thursday, the 22nd and Friday, the 23rd of September, presentations will be held in parallel sessions at the „Kathedralforum“ located in the famous historical centre of Dresden, next to the „Frauenkirche“ and the „Dresdener Stadtschloss“.



LOCATION OF THE IFW AND ACCESSIBILITY BY PUBLIC TRANSPORTATION

Both locations will offer unique facilities and surroundings for a professional exchange and a unique gathering. We sincerely hope that the conference will provide you with a valuable scientific and practical experience, new professional contacts and a memorable impression of Dresden. We welcome you and look forward to your active input in the presentations and discussions.

For any questions please do not hesitate to contact us. We will try our best to make your stay in Dresden a pleasant experience for you.

Prof. J. T. Tourbier, Technische Universität Dresden, Chair of Landscape Construction
Jochen Schanze, Leibniz Institute of Ecological and Regional Planning, Dresden

Organising Committee

Address:

IFW (Leibniz Institute for Solid State and Materials Research Dresden)
Helmholtzstraße 20,
01069 Dresden

Kathedralforum

Schlossstrasse 24,
01067 Dresden

Public Transportation

Both conference locations are easily accessible by public transportation day and night and it is the cheapest way to get around. The tickets you buy are valid for BUS and TRAM and even for the Suburban Railway (S-Bahn). You have to stamp your ticket in the tram or bus, if you are using the S-Bahn you have to stamp the ticket before you get on the S-Bahn.

Taxi:

You may call a Taxi at +49(0)351 -211211. Taxi stops near to the Kathedralforum are to be found at PIRNAISCHER PLATZ, THEATERPLATZ and POSTPLATZ.

Parking Facilities:

At the University Campus as well as in the historic city centre there are limited parking facilities and most parking lots are with costs. Parking lots without costs close to the IFW are a bit outside north and west of the Campus. In the historic city centre you may use the park-guiding system.

Banking Facilities

Currency (EURO) can be collected from cash machines. In the historical City Centre there are several banking facilities. Cash machines are generally accessible with an EC or Credit Card 24 hours a day.

Shops

Most shops in the city centre are open from 9.30/10.00 a.m. to 8.00 p.m.

Restaurants

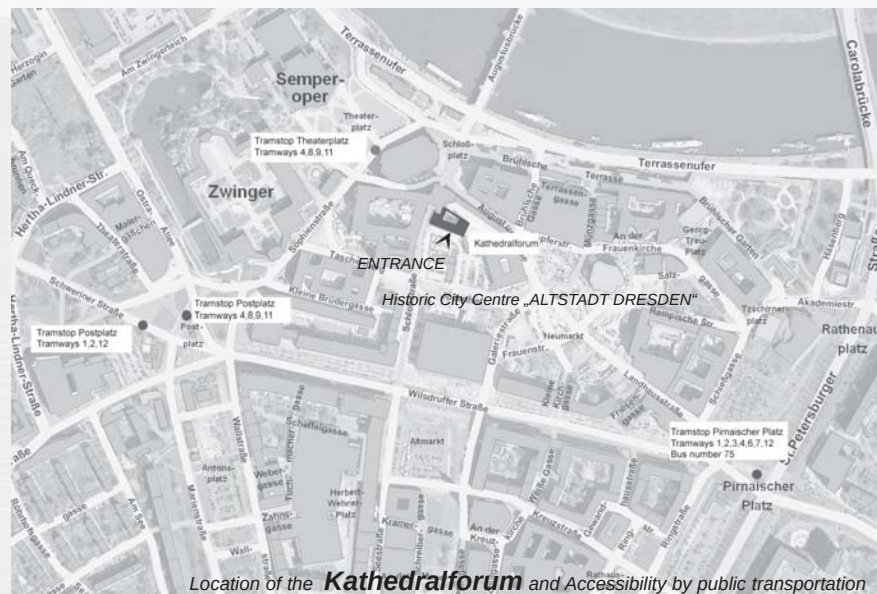
In the City Centre of Dresden there is a great variety of restaurants with local and international specialities at all prices. For more information, please see the map at page 10.

Information

During the conference you may visit the registration desk or in urgent cases call 0160-7440003 for any questions regarding conference registration, conference location or issues concerning your accommodation.

Last-minute-information is to be found on the website:

www.tu-dresden.de/urban-rivers-conference



Location of the **Kathedralforum** and Accessibility by public transportation

12.00 - 13.00 13.00 - 13.20	Registration Welcome Roger Bettess, Scientific Committee; Jochen Schanze, Organising Committee IFW (map, page1) Foyer in front of A1E10 A1E10 (Hörsaal)
13.30 - 15.00 B R E A K	Parallel Workshops I WS 1 Urban River Rehabilitation Schemes <i>Jochen Schanze, Alfred Olfert, Leibniz Institute of Ecological and Regional Development, Germany</i> WS 2 Planning and Assessing the Potential for Urban Watercourse Rehabilitation <i>Roger Bettess, Valerie Bain, HR Wallingford Ltd., United Kingdom</i> WS 3 Working through Aesthetics towards Sustainability <i>Graça Saraiva et. al., CESUR - Centro de Sistemas Urbanos e Regionais, Lisbon, Portugal</i> WS 4 How to do Social Appraisal for a River Rehabilitation <i>Perry Walker, The New Economics Foundation (NEF), London, United Kingdom</i> Room D 2E 27 Room D 2E 31 Room D 2E 32 Room B 3E 26
15.15 - 16.45 B R E A K	Parallel Workshops I I WS 5 Urban River Rehabilitation Techniques <i>João Soromenho Rocha, Elsa Alves, Laboratório Nacional de Engenharia Civil (LNEC) Lisboa, Portugal</i> WS 6 Participation of Stakeholders in River Rehabilitation <i>Mitja Brilly et. al., University of Ljubljana, Slovenia</i> WS 7 Training and Technology Transfer for Urban Stream Rehabilitation - URBEM Training Tool <i>Cedo Maksimovic, Imperial College London, Centre for Urban Waters, United Kingdom</i> WS 8 Post Project Assessment and Indicators of Success for Urban River Rehabilitation <i>Joachim Tourbier, Ines Gersdorf, Technische Universität Dresden, Germany</i> WS 9 Urban River Rehabilitation in 3rd World Countries <i>Pascal Breil, Michael Lafont, Unité de Recherche en Hydrologie et Hydraulique, Cemagref, France</i> A1E10 (Hörsaal) Room D 2E 31 Room B 3E 26 Room D 2E 32 Room D 2E 27
17.00 - 18.00	Panel Discussion: Exchange of Experience Moderator: Cedo Maksimovic; Panel: Workshop Leaders A1E10 (Hörsaal)
20.00 - 21.30	Public Lecture (in German) „Bürger gestalten Ihre Umwelt - Ansprüche und Möglichkeiten bei der naturnahen Entwicklung der Weisseritz und anderer städtischer Gewässer“ <i>Joachim Tourbier, Oliver Kaiser, Andreas Stowasser</i> Kathedralforum, Gehardt-Hauptmann Saal (map, page 2)

09.00 - 10.20**WELCOME**

Prof. Müller, Director of Leibniz Institute of Ecological and Regional Development, Dresden
 Prof. Tourbier, Director of the Institute of Landscape Architecture, Technische Universität Dresden

Keynote: Urban River Rehabilitation – The European Perspective

n.n., European Commission, DG Environment

Keynote: How to Reconnect Water with an Urban Society?

H. Dreiseitl, Atelier Dreiseitl, Überlingen, Germany

COFFEEBREAK

10.50 - 12.10**PARALLEL SESSION 1A** Moderator: Roger Bettess**Introduction to Urban River Rehabilitation – State of the Art**

Room: Gerhardt-Hauptmann-Saal

Urban River Rehabilitation Schemes

J. Schanze, A. Olfert, Leibniz Institute of Ecological and Regional Development, Dresden; J.T. Tourbier, I. Gersdorf, Chair of Landscape Construction, Technische Universität Dresden, Germany

The Role of Water in Urban Landscape investigated in Belgrade and Vienna

D. Djapa, R. Stiles, Department of Urban Design and Landscape Architecture, Vienna University of Technology, Austria

Ecological Aspects in Urban River Rehabilitation - Characteristics, Pressures and Targets

P. B. C. Podraza, Department of Hydrobiology, University of Duisburg-Essen, Germany

The Concept of Heavily Modified Water Bodies

W. Hansen, E. Kampa, Hamburg Public Sewage Company, Germany

LUNCH and
POSTER
SESSION**PARALLEL SESSION 1B** Moderator: Mitja Brilly**Management of Urban River Rehabilitation - Experiences**

Room: Tonne

How to Take Action for River Restoration

M. Brilly, Faculty of Civil and Geodetic Engineering, University of Ljubljana, Slovenia

The Development, Implementation and Impact of 'River Restoration: A Stepping Stone to Urban Regeneration Highlighting Opportunities in South London'

D. Webb, Environment Agency, Surrey, U.K.

Masterplan „Emscher: future“ – A River is Revitalized

M. Semrau, J. Stemplewski, S. Brinkmann, K. Adamczak, R. Hurck, W. Geisler, M. Oldengott, EmscherGenossenschaft/Lippeverband, Essen, Germany

A Case Study of Innovative Trends in Urban Watershed Management In the United States – Four Mile Run

W. Hicks, Northern Virginia Regional Commission, U.S.A.

**FOR LUNCH SUGGESTIONS PLEASE SEE
 MAP ON PAGE 10**



The ISAR RIVER in Munich, Germany

14.00 - 15.20**PARALLEL SESSION 2A** Moderator: Jochen Schanze**Indicators and Assessment I**

Room: Gerhardt-Hauptmann-Saal

Application and Assessment of a Rapid Urban Creek Assessment Tool in Ku-ring-gai Council, Sydney

S. Findlay, M. P. Taylor, Department of Physical Geography, Macquarie University, Sydney, Australia

An Urban River Assessment and Classification to Prioritise Rehabilitation Aims

A. Boitsidis, Flood Hazard Research Centre, Middlesex University, United Kingdom

Methodology of Aesthetic Evaluation of Rivers in Urban Context

J. Silva, M. G. Saraiva, I. L. Ramos, F. Bernardo, CESUR - Centro de Sistemas Urbanos e Regionais, Lisbon, Portugal

COFFEEBREAK

15.40 - 17.00**PARALLEL SESSION 3A** Moderator: Jochen Schanze**Indicators and Assessment II**

Room: Gerhardt-Hauptmann-Saal

Conceptual Approaches for the Study of Urbanized Water-Courses: Proposals for Short and Long-term Applied Researches

M. Lafont, P. Breil, P. Namour, J.-F. Perrin, A. Vivier, F. Ruysschaert, Cemagref, Lyon, France

Monitoring the Impacts of Urban Environment on River Water Bodies and Importance of Volume of the Water Body – Case Study

M. Brilly, S. Rusjan, A. Bizjak, M. Sraj, M. Padeznik, A. Vidmar Faculty of Civil and Geodetic Engineering, University of Ljubljana, Slovenia

Sustainability Indicators to Monitor and Assess Waterway Restoration

R. Butler, British Waterways, Warwickshire, United Kingdom

Indicator based Post Implementation Assessment (PIA) for Urban River Rehabilitation

J.T. Tourbier, I. Gersdorf, Chair of Landscape Construction, Technische Universität Dresden; J. Schanze, A. Olfert, Leibniz Institute for Ecological and Regional Planning, Dresden, Germany

BREAK

PARALLEL SESSION 2B Moderator: Mitja Brilly**Management - Methods and Tools**

Room: Tonne

Assessing and Managing River Rehabilitation

R. Bettess, V. Bain, HR Wallingford, United Kingdom

Application of the URBEM Toolkit for Watercourse Rehabilitation in the River Ouseburn

S. S. Tellier, J. Amezaga, University of Newcastle; L. Baker and C. Percy, Newcastle City Council, United Kingdom

Rule-based Decision Support System (DSS) for the Eco-Hydrological Assessment of the EU WFD's Programmes of Measures

H. Nacken, S. Bartsussek, H. Sewilam, RWTH Aachen University, Germany

GIS Supported Methods for Water-Management Planning and River Quality Management

A. Treis, K. Wessels, Emschergerossenschaft / Lippeverband, Dortmund, Germany

PARALLEL SESSION 3B Moderator: Cedo Maksimovic**Stakeholder Participation I**

Room: Tonne

Urban Stream Rehabilitation – Lessons (to be) learned from the URBEM Project

C. Maksimovic, Imperial College London, Centre for Urban Waters, United Kingdom

ALNA - Restoring and Developing an Urban River in Oslo

T. Nordeide, Oslo Water and Sewerage Works (VAV), Norway

The Greenland Waterway - from Industry to Recreation and Attraction. The Use of a Professional Ideas-Competition as a Tool to Stimulate Political and Public Awareness and Enthusiasm.

B. Hellström, Municipality of Skien, Department of City Development, Norway

Trout 2010 – Stakeholder Participation in Brook Restoration

L. Tent, W. Hammer, Division for Environmental Protection, Borough of Wandsbek, Hamburg, Germany

LOCATION: **KATHEDRALFORUM**

THURSDAY, SEPTEMBER 22

17:10 - 18.00

PLENARY SESSION 4 Moderator: Mitja Brilly

Management of Urban River Rehabilitation: Experiences

Room: Gerhardt-Hauptmann-Saal

Recapturing the Anacostia Waterfront: The Center of 21st Century Washington

U. S. Brandes, District of Columbia, Anacostia Waterfront Corporation, U.S.A

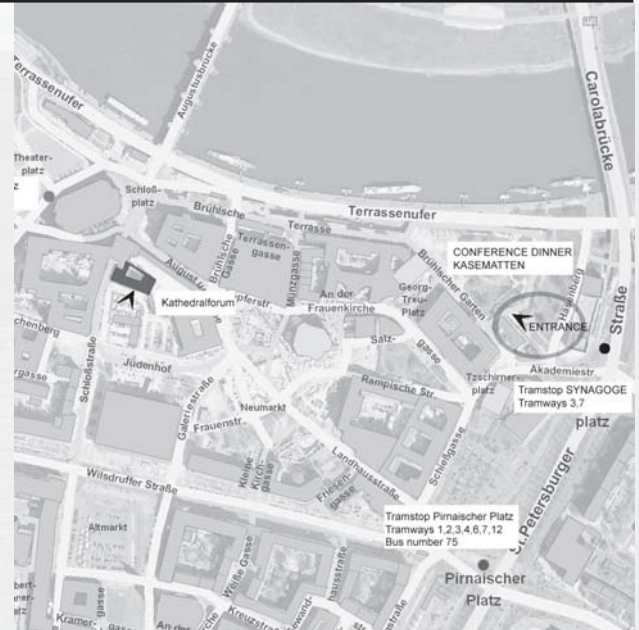
20:00

CONFERENCE DINNER

The Conference Dinner will take place in the „Festungsmauern“ below the „Brühlsche Garten“ (Garden of Brühl). You may walk through the historical city centre, passing the newly restored Frauenkirche (Woman's church) to the Synagoge. West of the Synagoge, across the Hasenbergstrasse, you walk down a pathway towards the historic city walls. There you enter the „Festungsmauern“. Please see the map to the right for detailed location in reference to the conference location.

Deep below the walls of the former city fortifications you suddenly find yourself in a barrel vault of unbelievable dimensions. The heavy iron gates swing open to welcome you to the conference dinner. Accompany historical characters on a culinary journey through time and through Saxon history.

Enjoy your dinner!



LOCATION: **KATHEDRALFORUM**

FRIDAY, SEPTEMBER 23

09.30 - 10.30

PARALLEL SESSION 5A Chair: Joao Rocha

Urban River Rehabilitation Techniques I

Room: Gerhardt-Hauptmann-Saal

Rehabilitation and Creation in Urban Rivers. Objectives and Techniques.

J. S. Rocha, E. Alves, Laboratório Nacional de Engenharia Civil, Lisboa, Portugal

Application and Evaluation of Technologies in Urban River Rehabilitation

J. Haifeng, Department of Environmental Science and Engineering, Tsinghua University, Beijing, China

Hydraulics of Nature-Orientated Rivers – Recommendations for a Nature-Orientated River Restoration in Urban Areas under Consideration of the Flood Water Risk Management

S. Schneider, B. Lehmann, H. H. Bernhart, Institute of Water Resources Management, Hydraulic and Rural Engineering (IWG), University of Karlsruhe (TH), Germany

COFFEEBREAK

PARALLEL SESSION 5B Chair: Joachim Tourbier

Case Studies I

Room: Tonne

“Ripples in the Pond”: Problem Solving with Secondary Water Course Rehabilitation in Rome Metropolitan Area

A. Caspari, P. Anella, Waterdesign Rome, Italy

Urban Stream Rehabilitation in Madrid

M. González del Tánago, E.T.S. Ingenieros de Montes, Universidad Politécnica de Madrid, Spain M. & J. Azcárate, Concejalía de Gobierno de Medio Ambiente y Servicios a la Ciudad, Ayuntamiento de Madrid, Spain

Case Study Deininghauser Bach: From an Open Sewer to a Functioning Urban Water Body

R. Hurck, A. Petruck, M. Sommerhäuser, M. Wulf, Emscher-Genossenschaft, Essen, Germany

10.50 - 12.10

PARALLEL SESSION 6A Chair: Joao Rocha

Urban River Rehabilitation Techniques II

Room: Gerhardt-Hauptmann-Saal

River Rehabilitation Measures in Urban Rivers under the Ecological Point of View: Man-made Structures Replacing Natural Morphological Conditions

P. B. C. Podraza, University of Duisburg-Essen, Department of Hydrobiology, Germany; M. Halle, Umweltbüro Essen, Germany

Restoration of Degraded Rivers Using Natural Restoration Techniques

Michael J. Marcus, New England Environmental Inc., Amherst, Massachusetts, U.S.A

Improvement of Urban Canal Water Quality by Vertical Flow Constructed Reed Bed Filter Case Study in Utrecht

C. Verhoeven, Ingenieursbureau Utrecht; M. d. Burger, Water board, “Hoogheemraadschap De Stichtse Rijnlanden”, The Netherlands

Recolonisation of Riparian Vegetation along Newly Rehabilitated Urban Rivers

A. Boitsidis, Flood Hazard Research Centre, Middlesex University, United Kingdom

**LUNCH and
POSTER
SESSION**

PARALLEL SESSION 6B Chair: Cedo Maksimowicz

Stakeholder Participation II

Room: Tonne

Stakeholder Contribution and Participation through an Aesthetic Approach to Water Quality

A. Doyle, S. S. Tellier, School of Civil Engineering and Geosciences, University of Newcastle, United Kingdom

Water Education as an Innovative Approach for the Development of Awareness and Stewardship for Urban River Management in Nigeria.

Anthony Johnson Akpan, PAN AFRICAN VISION FOR THE ENVIRONMENT (PAVE), Nigeria

Secure Tenure for Urban Poor Waterfront Housing by Multi-Level Network Mechanism, Bangkok

N. Usavagovitwong, Faculty of Architecture, Sripatum University, Thailand

The UrbanWaterways Project in Freiburg, Germany

O. Kaiser, Institute for Landscape Management, University of Freiburg, Germany

FOR LUNCH SUGGESTIONS PLEASE SEE MAP ON PAGE 10

14.00 - 15.20

SESSION 7A Chair: Joachim Tourbier

Case Studies II

Room: Gerhardt-Hauptmann-Saal

Living River Liesing – A LIFE-Project on Rehabilitation of a Heavily Modified Waterbody in Vienna's Urban Environment

U. Goldschmid, Magistrat der Stadt Wien, J. Schmid, Knoll • Planning & Consulting, Austria

The Rehabilitation of the Isar in Munich - Back to Wilderness

W. Binder, Bavarian Water Management Agency, Munich, Germany

The Bartın River (Turkey) and its Planning Strategies

B. Cengiz, Ankara University, Faculty of Agriculture, Department of Landscape Architecture, Ankara, Turkey

On the Progress of Urban River Restoration and the Future View in Japan and Asia

Y. Motonaga, M. Yamaguchi, Japan Science and Technology Agency (JST), NIHON University; K. Yoshikawa, College of Science and Technology, NIHON University, Japan

COFFEEBREAK

SESSION 7B Chair: Mitja Brilly

Urban River Rehabilitation Techniques III

Room: Tonne

Near-Natural Storm Water Management as a Module in the Sustainable Development of Settlements - Demonstrated with the Aid of the Development and Implementation of Model Projects

M. Kaiser, INGENIEURBÜRO M. KAISER, Dortmund, Germany

Designing with Retrofitted Storm Water Management Systems: A more Self-contained Water Town Experiment on Yujiapu Peninsula Reclamation at the Lowest Reach of River Hai, China

Q. Gong, School of Architecture, Tianjin University, China

Ecohydrology Concept - Merging the Ecology and Hydrology for Successful Urban Stream Rehabilitation.

J. Bocian, M. Zawilski, Department of Environmental Engineering, Technical University of Aódz, Poland

Urban Flood Control in the Netherlands

B. Stalenberg, H. Vrijling, Delft University of Technology, The Netherlands

15.40 - 16.30

CLOSING PANELSESSION 8 "Where to go from here?" Moderator: Roger Bettess

Room: Gerhardt-Hauptmann-Saal

Scientific Committee and Invited Speakers



The Limmat River in Zurich, Switzerland

08.30 - 18.30

EXCURSION

08.30

Meeting at the Terrassenufer/Carolabrücke,
Bus Parkinglot

08.15 - 10.00

Bus trip to Leipzig

10.00 - 11.00

Medical Science Center, Leipzig (AREA 1)

11.00 - 12.00

Neue Ufer, Leipzig (AREA 2)

12.00 - 13.00

Introduction to Leipzig and the Waternetwork
Leipzig by City Representatives (AREA 2)

13.00 - 14.30

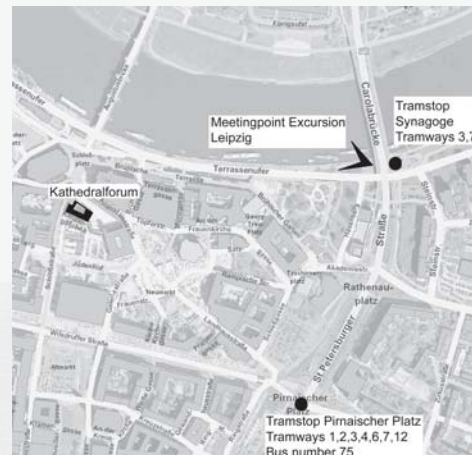
Auerbach's Keller, Lunch (AREA 2)

14.30 - 17.00

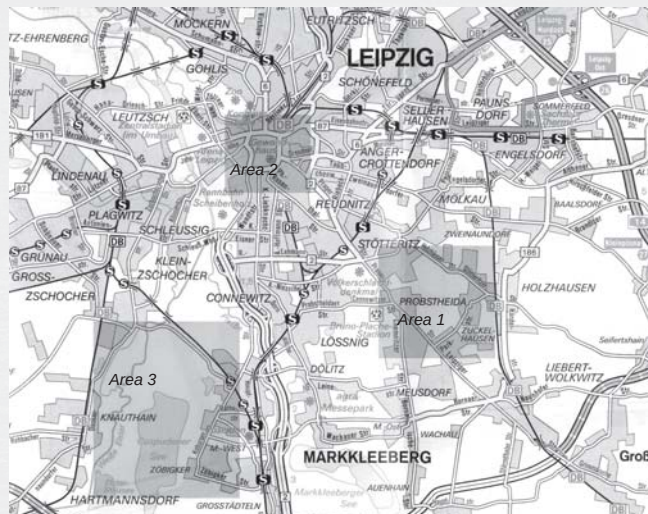
Gewässerverbund Leipzig
Waternetwork Leipzig (AREA 3)

17.00 - 18.30

Bus trip to Dresden

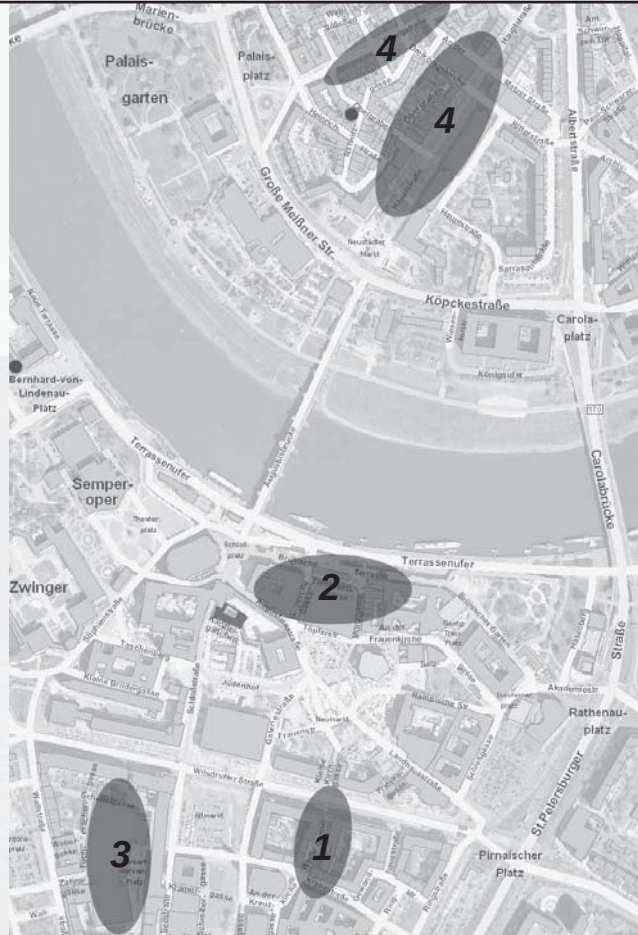


MEETINGPOINT FOR EXCURSION



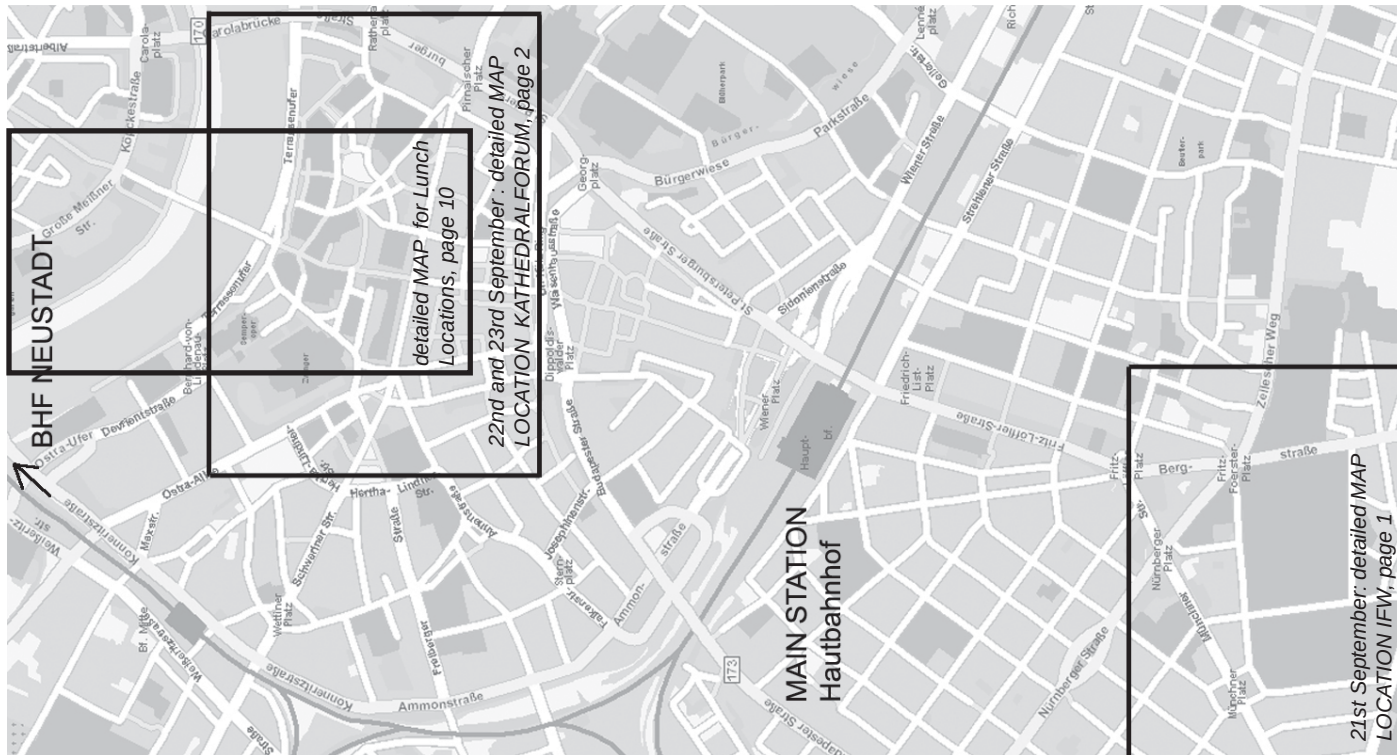
STOPS DURING THE EXCURSION, detailed material will be
provided in the bus

LUNCH AND DINNER LOCATIONS



Following Areas provide a variety of restaurants at all costs:

- 1) WEISSE GASSE
- 2) MUENZGASSE
- 3) HAUPTSTRASSE/KOENIGSTRASSE
- 4) ALTMARKTGALERIE



ORGANISING COMMITTEE

Joachim T. Tourbier, Ines Gersdorf
Dresden University of Technology
Institute of Landscape Architecture, Germany
Jochen Schanze, Alfred Olfert
Leibniz Institute of Ecological and Regional
Development (IOER) Dresden, Germany
Email: urbem@mailbox.tu-dresden.de



SCIENTIFIC COMMITTEE

R. Bettess, HR Wallingford, United Kingdom
M. Brilly, Faculty of Civil and Geodetic Engineering, University of Ljubljana, Slovenia
H. Holzmann, Department for Water Management, Hydrology and Hydraulic Engineering,
University of Agricultural Sciences, Vienna, Austria
C. Maksimovic, Department of Civil and Environmental Engineering, Imperial College
London, Centre of Urban Waters, United Kingdom
J. Rocha Portuguese National Civil Engineering Laboratory (LNEC), Lisbon, Portugal