



## *View from the River*

### **Barge Trip—Pre-Conference Excursion (9:30 AM –4:00 PM)**

*Thursday, April 26*—Tour of Mississippi River and confluence with the U.S. Army Corps of Engineers aboard their open air touring barge. Meet at Corps Service Base. Overview of Locks and Dam 26 & 27, Riverlands and Corps projects. Ride past the confluence. Informal presentations on parkland, economic development, barge and transportation industry, river flows, wetlands, trails and eco-tourism. Co-hosted by MARC 2000, Confluence Greenway and others.

East-West Gateway Coordinating Council  
10 Stadium Plaza  
St. Louis, MO 63102-1714

Non-Profit Org.  
U.S. Postage  
**PAID**  
St. Louis, MO  
Permit No. 1861



# **OUR WATER OUR RIVERS**

St. Louis as a 21<sup>st</sup> century

*RIVER CITY*



**Exploring the Value of  
Rivers and Clean Water to the  
St. Louis Region**

*A Conference for Stakeholders including city  
and county officials, scientists,  
business, and citizens*

*at the*  
**Missouri Botanical Garden**  
**April 27, 2001**

**REGISTRATION:** Please fill in the information below, include a check for the appropriate amount.

Name: \_\_\_\_\_ Affiliation: \_\_\_\_\_

Address: \_\_\_\_\_ Zip Code: \_\_\_\_\_

Phone: \_\_\_\_\_ Email: \_\_\_\_\_

- I will attend Friday April 27 only—\$50 registration includes coffee, lunch, reception and a copy of the conference program and proceedings.
- I will attend Friday, and also join the River trip aboard the US Army Corps of Engineers' Barge on Thursday, April 26. Space is limited. I understand I must have a confirmed reservation—\$65 registration, includes lunch April 26 and symposium all day April 27.
- I am a student—\$20 reduced rate for the Friday program.
- My business, organization, would like to be a sponsor of the program—\$500 sponsorship, enclosed includes up to 5 registrations.
- I cannot attend the entire program but wish to attend Friday's final panel discussion and poster session and reception—\$25 enclosed.
- My business may want to be part of the poster session/ reception, please contact me (Phone: \_\_\_\_\_)

To help with planning space needs, please circle preferred breakout sessions.

**Breakout Session One**    **Breakout Session Two**  
A    B    C                      A    B    C

Please return registration and **check made out to St. Louis Earth Day** to East-West Gateway Coordinating Council, 10 Stadium Plaza, St. Louis, MO 63102. This program is organized by St. Louis Earth Day and a partnership including East-West Gateway Coordinating Council, MARC 2000, Metropolitan Sewer District, Mo. Botanical Garden, Mo. Coalition for the Environment, Mo. Department of Conservation, Mo. Department of Natural Resources, Mo. Historical Society, St. Louis City Department of Public Utilities, St. Louis Regional Chamber and Growth Association, U. of Missouri – Extension-Water Quality Program, U.S. Army Corps of Engineers, Washington University, St. Louis Children's Aquarium.

## Friday April 27, 2001

**REGISTRATION AND COFFEE (8:00 AM)**

**OPENING PLENARY SESSION: (8:30-10:00 AM)**

### The Watershed Approach to Water Quality

*Water Resources and the Future of St. Louis*, (Dr. Peter Raven, \*Missouri Botanical Garden)

*Local Solutions to Regional Problems—the Watershed Approach*, (Tom Davenport, \*National Non-Point Source Expert, US EPA)

*Panel Discussion:* Peter Raven, \*Missouri Botanical Garden; Roger Walker, \*Armstrong Teasdale, and RCGA Water Committee Chairman; Steve Mahfood, \*Director, Missouri Department of Natural Resources; Willie Horton, \*Executive Director, Metropolitan Sewer District; Moderator: David Wilson, \*Director, St. Louis Earth Day

**BREAK (10:00-10:30 AM)**

**Breakout Sessions, Part One (10:30 AM-NOON)**

#### Track A One: Greenways on the Rivers—

Success Stories and New Ventures

- Gateway Parks and Trails (Bob Hall, \*Director, Parks, Trails and Clean Water Initiative)
- Meramec Greenway and the MRRA—30 Years of River Restoration (Mike DeRuntz, \*City of Arnold)
- Confluence Greenway & the Great River Resource Center, (Laura Cohen, \*Confluence Greenway)
- Chouteau Lake—Green Space and Water in St. Louis (Stan Mulvihill, McCormack Baron Associates)

#### Track B One: Rivers as Dynamic Systems—

- Floods, Floodplains and Implications for Development
- Origin and Character of Floodwaters (Bob Criss, \*Washington University)
  - Occurrence of Flooding: Effects of Structures (Nicholas Pinter, \*SIU-Carbondale)

# Symposium Agenda and Speakers

- Flood Sedimentation (Robb Jacobson, \*US Geologic Survey)
- Missouri River Flows and Impact on Aquatic Life (David Galat, \*UM-Columbia)

#### Track C One: Water Quality and Water Supply—

- Restoring and Maintaining Water Quality
- Composition of Natural Surface Waters (Everett Shock, \*Washington University)
  - Human impacts on River Water Quality (Derek Winstanley, \*Illinois Survey)
  - Organic Matter in Rivers (Lee Davisson, \*Lawrence Livermore)
  - Missouri River Flow (Mimi Garstang, Missouri DNR)

**LUNCH (NOON-1:00 PM) Box lunch with registration**

**Breakout Sessions Part Two (1:00-2:30 PM)**

#### Track A Two: Greenways and their Watersheds—

Model projects

- Cost Saving Strategies to Manage Storm Water and Enhance Property Value (Robert Prager, \*Intuition and Logic Engineering Firm)
- MetroEast Storm Water Control (Penni Livingston, \*St. Clair County States Attorney)
- Watershed and Water Quality Initiatives (Gary Moore, \*MSD)
- Planning for a Healthy Environment: A Game Plan for Communities (Paul Lenz, \* & Tracy Boaz, \*Missouri Department of Conservation)

#### Track B Two: Flood Plain Use—

- Costs/Benefits of Alternative Planning
- Lower Missouri River Floodplain Before and After the Great Flood of 1993 (Ray Arvidson\* and Curt Niebur, \*Washington University)

- Best Management Practices for Improving Water Quality (Chris Novak, \*Am. Soybean Assn.)
- Impact of Changes to Rivers on Local and Regional Climate. (Rick Lawford, \*NOAA)
- Ecosystem Restoration on Interior Streams in the Mississippi River Floodplain (Debbie Roush, \*US Army Corps of Engineers)

#### Track C Two: Achieving Water Quality through

- Best Management Practices
- TMDLs and Implications for Watershed Management. (Sharon Clifford, \*Missouri DNR)
  - Groundwater Quality and Supply – Karst Systems (Alan Stueber, \*SIU-E)
  - Quantity and Quality of Alluvial Groundwater (Gary R. Clark, \*Illinois DNR)
  - Drinking Water Treatment Systems (Bruce Manning, \*Missouri American Water)

**BREAK (2:00-3:00 PM)**

#### Moving Forward:

**St. Louis' Future on the Rivers (3:00-4:00 PM)**

*Panelists:* Dr. Robert Archibald, \*Missouri Historical Society; Richard Fleming\*, St. Louis Regional Chamber and Growth Assn.; Bea Covington, \*Missouri Coalition for the Environment; Ann Mack, \*Confluence Greenway; Steve Nagle\*, East-West Gateway Coordinating Council; Peter Sortino\*, St. Louis 2004; Francis R. Slay, Democratic Candidate for Mayor; City of St. Louis.

**Reception and Poster Session (4:00-6:00PM)**

*Informal conversations with presenters, panelists and exhibitors.*

*\* indicates confirmed speaker*

*Registration information: Call Brenda Harden at East-West Gateway Coordinating Council 314-421-4220, or 618-274-2750; email: [brenda.harden@ewgateway.org](mailto:brenda.harden@ewgateway.org)*

