

## About the Conference

A biennial forum bringing together those involved in inland/river transport from developed and developing areas of the world. Participants and presenters are sought regarding best practices and innovation in North and South America, Europe, and Asia.

Smart Rivers 2011 Conference is a 4-day technical specialty conference organized by PIANC USA, along with more than twenty partnering organizations\*. The concept of 'Smart Rivers' sprang from a group started in 2004 called *SmartRivers21*, an international coalition intent on realizing "Strategic Maritime Asset Research and Transformation for 21st Century River Systems." Conferences have been held in Pittsburgh (2005), Brussels (2006), Louisville (2007), and Vienna (2009).

## Conference Format

The *Smart Rivers* 2011 Conference will include:

- Technical Short Courses
- Plenary Sessions
- Concurrent Technical Session Tracks
- Featured Luncheon Speakers
- Industry Exhibition
- Technical and Cultural Tours

A number of **networking events** will be offered to maximize your opportunities for a lively exchange of new ideas. You can look forward to reconnecting with old friends and meeting new colleagues at the conference lunches and evening social events.

## Key Dates

Abstracts Due:.....January 24, 2011  
Author Notification: .....March 1, 2011  
Presentations Due: .....August 30, 2011  
Conference: .....September 13-16, 2011

[www.smartivers.org](http://www.smartivers.org)

Westin Canal Place

SEPTEMBER 13-16, 2011

Discover the Keys to Inland  
Navigation's Sustainable  
Future Around the World

Smart Rivers  
2011 CONFERENCE



PIANC USA  
7701 Telegraph Rd.  
Casey Building  
Alexandria, VA 22315

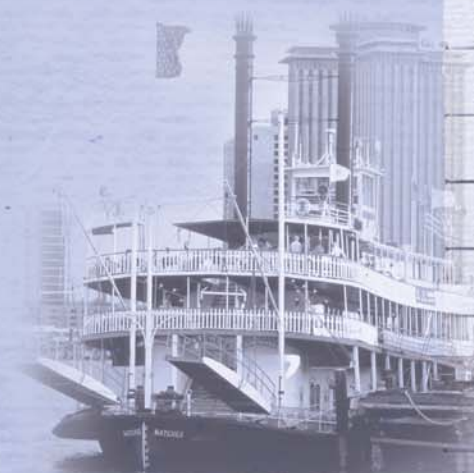


Call for Abstracts

# Smart Rivers 2011 CONFERENCE

Discover the Keys to Inland  
Navigation's Sustainable  
Future Around the World

New Orleans, Louisiana, U.S.A.



SEPTEMBER 13-16, 2011  
Westin Canal Place

[www.smartivers.org](http://www.smartivers.org)

ABSTRACT DEADLINE:  
January 24, 2011



US Army Corps  
of Engineers



A Tetra Tech Company

## Conference Topics

### Overarching Theme of the Conference: "Systems Thinking"



#### TECHNICAL THEMES:

##### **Smart Service Design and Innovation**

Intermodal connectivity, container on barge, feeder operations

##### **Smart System/Technology**

e-navigation, RIS, remote sensing, wireless, VTS, AIS

##### **Smart Public Policy/Finance**

tax/funding innovations, public/private partnerships, balancing competing uses

##### **Smart Regulation**

operations, cabotage, navigation safety regulations

##### **Smart and Safe Operations**

safety, fleet logistics, fuel efficiency, crew endurance, vessel design

##### **Smart Network Management**

lock operations/designs, virtual now aides, scheduling

##### **Smart Environmental Management**

climate change, emissions management, dredged material and sediment management

##### **Smart Flood Protection/Mitigation**

##### **Smart Education and Training**

licensing, certification, simulation

##### **Smart Port and Landside Economic Development**

inland (dry) ports

##### **Smart Infrastructure**

life-cycle planning, adaptation to climate change

## Abstract Submission

Each abstract must be written in English and limited to 500 words. Abstracts shall be submitted to [pianc@usace.army.mil](mailto:pianc@usace.army.mil). **Deadline for abstract submissions: January 24, 2011.**

#### ON THE ABSTRACT SUBMISSION:

- Designate the conference **technical theme** listed that best fits your presentation.
- Provide the required **contact information** (name, company, address, phone and email) for the corresponding author and any co-authors.
- Include a **text-only summary** description (limited to 500 words) of the topic of the presentation and a statement of why the presentation will be of interest and benefit to conference attendees.

Proposing authors must recognize that submission of an abstract indicates commitment to attend the conference to make the presentation. PIANC USA will accept or reject proposed presentations based on the information provided in the abstract. To the extent possible and appropriate, presentations will be assigned to conference technical sessions based on the theme identified by the author. PIANC USA reserves the right to assign presentations to other conference sessions. For questions regarding abstract submission, please contact PIANC USA at [pianc@usace.army.mil](mailto:pianc@usace.army.mil).

## Expenses

All expenses associated with the preparation, submission and presentation of abstract are the responsibility of the authors and co-authors. **All attendees are required to pay conference registration fees.**

## PIANC USA

PIANC USA was organized in 1902 with the U.S. Army Corps of Engineers serving as the Secretariat located at the Institute for Water Resources in Alexandria, VA. Its goal is to advance the sustainable development of shallow and deep-draft navigation issues including dredging and dredged material disposal, navigation and port infrastructure, recreational navigation and related environmental matters. [www.pianc.us](http://www.pianc.us)

## \*Partnering Organizations

American Association of Port Authorities  
American Waterways Operators  
Appalachian Regional Commission  
Austria Tech  
Committee on the Marine Transportation System  
Coasts, Oceans, Ports & Rivers Institute / ASCE  
European Federation of Inland Ports  
Institute for Trade and Transportation Studies  
Inland Navigation Europe  
Inland Rivers Ports and Terminals  
Mississippi State University  
National Maritime Enhancement Inst, Rahall  
Transportation Institute  
National Waterways Conference  
NOAA  
Organization of American States-Comm. on Ports  
Port of Pittsburgh Commission  
Radio Technical Commission for Maritime Services  
Tina Vienna  
TRB Marine Board  
U.S. Army Corps of Engineers  
University of Tennessee  
US Coast Guard  
via donau  
Waterways Council, Inc.

## Welcome to New Orleans, Louisiana, U.S.A.

Located in southeastern Louisiana, straddling the great Mississippi River, New Orleans lingers on the threshold between the Old World and the New. We look forward to welcoming you to this unique city!



## Additional Information

For more information regarding the conference, please visit our website at [www.smartrivers.org](http://www.smartrivers.org) or contact us at [pianc@usace.army.mil](mailto:pianc@usace.army.mil) or 703-428-9090.