

Monday, October 27

6:00 to 8:00 PM Reception

Tuesday, October 28

7:30 to 8:30 Continental Breakfast

8:30 to 12:00 **U.S. Section PIANC Annual Meeting**

12:00 to 13:30 LUNCH

13:30 to 16:30 **Roundtable Discussion: All Hazard Risk Management for Ports and Harbors—Protecting America's Ports from Natural and Manmade Disasters**

Facilitator—Dr. Jack Harrold, George Washington University, Washington, DC
Participants: Ed Hecker, Chief Homeland Security

Representative from American Society of Civil Engineers
Representative from U.S. Coast Guard
Representative from U.S. Army Corps of Engineers

16:45 to 19:00 **Evening Boat Trip on the Willamette River, sponsored by the Port of Portland**

Wednesday, October 29

8:00 to 9:00 Continental Breakfast

Wetlands Restoration Workshop

9:00 to 9:05 Introduction of Speakers and Committee Members-- *Russell Theriot, ERDC, Director, Wetlands Research and Technology*

9:05 to 9:15 Structure of Working Group Report--*Russell Theriot, ERDC*

9:15 to 9:45 Introduction and Background--*Russell Theriot, ERDC*

9:45 to 10:00 BREAK

10:00 to 11:00 Strategic Plan--*Marian Geense, CUR, Rotterdam, Netherlands*

11:00 to 12:00 Site Characterization and Evaluation—*Dr. Nigel Pontee, Posford Duvivier Environment, London, UK.*

12:00 to 13:00 LUNCH

13:00 to 14:00 Wetland Function and Design Strategy--*Edmond Russo, USACE, New Orleans District*

14:00 to 15:30 Site Construction and Site Management--*Keita Furukawa, Port and Harbour Research Inst., Yokosuka, Japan*

15:30 to 15:45 BREAK

15:45 to 16:30 Final Remarks, Glossary, Bibliography and Case Studies--*Russell Theriot, ERDC*

16:30 to 17:00 Q & A's

Poster Presentation on Wetland Creation in Galveston Bay by *Dick Gorini, Beneficial Uses Group, Houston, Texas*

Wednesday, October 29 cont'd

Passing Vessel Issues Workshop

1:00 to 1:15 Welcome and Overview of Vessel Impacts--*Sandra Knight, ERDC*

Modeling of Vessel Hydrodynamics

1:15 to 1:45 Shallow Water Modeling of Vessel Hydrodynamics--*Charlie Berger, ERDC*

1:45 to 2:15 Boussinesq Modeling of Vessel Hydrodynamics--*Okey Nwogu, U. of Michigan*

2:15 to 2:45 Navier Stokes Solutions to Ship-Ship Interaction--*Shahrouz Aliabadi, Clark-Atlanta University*

2:45 to 3:15 BREAK

3:15 to 3:45 Advanced Viscous Flow Computation Method for Unsteady Ship-ship Interaction--*Hamn-Ching Chen, Woei-min Lin, SAIC, Wei-Yuan Hwang, Merchant Marine Academy*

3:45 to 4:15 Development of a Unified Description of Ship Generated Waves—*David Kriebel, U.S. Naval Academy*

Evening

PIANC Commissioners' Meeting

Thursday, October 30

7:00 to 8:00 Continental Breakfast

Berthing and Mooring Forces

8:00 to 8:30 Mooring Study of Oakland Harbor--*Vladimir Shepsis, Pacific International Engineering, PLLC., and Jerry Serventi, Port of Oakland, CA.*

9:00 to 9:30 Mooring Force Analysis Methods--*Jennifer Waters, U.S. Naval Academy*

9:30 to 10:00 Dynamic Analysis of Moored Ships Exposed to Passing Vessels—*John Headland, Moffatt and Nichol Engineers*

10:00 to 10:30 BREAK

Vessel Wake Effects on Safety

10:30 to 11:00 Ship Effects on Safety in Navigation Channels--*Steve Maynard, ERDC*

11:00 to 11:30 Effects of High Speed Ferries--*Alan Blume, USCG*

Ecological Effects

11:30 to 12:00 Analytical Approaches to Quantify Physical Effects—*Steve Maynard, ERDC*

12:00 to 1:00 LUNCH

1:00 to 1:30 Ecological Impacts to Fisheries--*Tom Keevin, USACE, St. Louis District*

1:30 to 2:00 Ecological Risks Imposed by Commercial Traffic on the Upper Mississippi River--*Steve Bartell, Cadmus Group, Inc.*

2:00 to 2:30 Presentation of Terms of Reference, Working Group 27, "Guidelines for Environmental Impacts of Vessels"—*Bernhard Sohngen, Chairman, PIANC Working Group 27, Germany*

3:00 to 4:00 International Presentations—*To Be Determined*

4:00 to 4:30 Workshop Wrap-up and Discussion

Registration Form

Name: _____

Address: _____

Phone: _____

Email: _____

Please check the appropriate functions:

- Annual meeting/Roundtable
- Wetland Restoration Workshop
- Passing Vessel Issues Workshop

Registration Fees include meals and Social Functions

	PIANC	nonmember
Annual Mtg/Roundtable	\$100	\$200
1 Workshop	\$100	\$200
Annual Mtg + 1 wkshp	\$175	\$300
Both Workshops	\$175	\$300
Annual Mtg + 2 wkshps	\$250	\$350

To Join PIANC:

Individual Membership \$80

Sorry, we cannot accept credit cards

Please make your check payable (in US Dollars) to U.S. Section, PIANC, and mail to 7701 Telegraph Road, Alexandria, VA 22315-3868

<http://www.iwr.usace.army.mil/PIANC>

The Venue

Workshops will be held at the Portland Marriott Downtown, situated in the "City of Roses" on the west bank of the scenic Willamette River.

1401 SW Naito Parkway
Portland, OR 97201

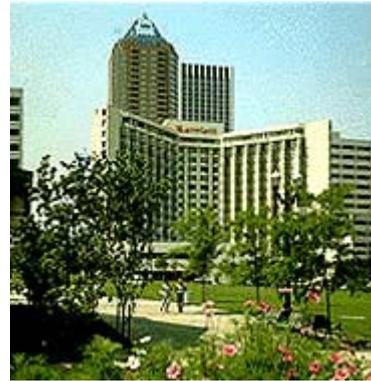
Phone: 503-226-7600

Or 800-228-9290

Fax: 503-221-1789

www.portlandmarriott.com

A block of rooms is being held under the name International Navigation Association (PIANC) Technical Workshops until October 6, at the rate of \$91.00. Participants should contact the hotel directly and make their reservations prior to October 6.



Preliminary Program

U.S. Section, PIANC
Annual Meeting

**Roundtable on Protecting America's
Ports from Natural and Manmade
Disasters**

Technical Workshops
On
**Wetlands Restoration
and Passing Vessel Issues**

October 28 - 30, 2003
At the Portland Marriott Downtown Hotel
Portland, Oregon



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