



## 33<sup>rd</sup> PIANC World Congress Workshop

# ***Working with Nature In Navigating the New Millennium***

**Sunday, 1 June 2014  
San Francisco, CA; Marriott Marquis**

0800 Welcome- Todd Bridges, Ellen Johnck, Susan Rees

0815 An Introduction to Working with Nature (WwN)- Todd Bridges

### **Regional/Local Perspectives (Pacific Coast, San Francisco Bay)**

0845 The History of Progress on Working with Nature in San Francisco Bay- Ellen Johnck

0900 Panel: Long Term Management Strategy (LTMS) for Dredged Material in San Francisco—Its Past and its Future- Ellen Johnck, Panel Chair

#### Panel Members:

LTC John Baker, San Francisco District, U. S. Army Corps of Engineers

Richard Sinkoff, Port of Oakland

Larry Goldzband, S.F. Bay Conservation and Development Commission

Jane Diamond, USEPA Region IX

Tom Gandesbery, California State Coastal Conservancy

Dilip Trivedi, Moffat & Nichol

(Note: 5 minute presentations/remarks from each panel member followed by discussion facilitated by the chair. Panel focus is 1) LTMS solutions and obstacles for the beneficial use of dredged material in wetland and levee restoration; and, 2) present and future challenges for beneficial use integrated with flood control/ sea level rise capital improvement projects)

1000 Break (video of “Ocean Frontiers: The Dawn of a New Era in Ocean Stewardship”)

### **U.S. Perspectives**

1030 Working with Nature on the Mississippi Coast- Susan Rees, USACE

1050 Use of Nature-Based Features for Coastal Resilience Post-Sandy- Todd Bridges, USACE

1110 Working with Nature in the Port of Oakland Environmental Stewardship Program (Wetlands, Air Quality, Climate Change, Dredging)- Richard Sinkoff, Environmental Director

### **International Perspectives**

1130 Building with Nature- Daan Rijks, Ecoshape

1150 Working with Nature in the U.K.- William Coulet and Jan Brooke

1210 Working with Nature in Germany- Elmar Fuchs

1230 Lunch on your own

### **Innovative Approaches for Working with Nature**

1330 Incorporating Nature into Breakwaters- Burton Suedel, USACE

1350 Nature-Based Breakwater Islands for the Ft. Pierce Marina- Michael R Capuano, Fish Tec, Inc.

1410 Panel: Partnerships and Innovative Financing for Working with Nature- Susan Rees, Panel Chair

Panel Members:

William Coulet, The Broads Authority

Rick Cameron, Port of Long Beach

Bill Hanson, Great Lakes Dredge and Dock

The Nature Conservancy (invited)

Ron Cox, University of New South Wales, Australia

(Note: 5 minute presentations/remarks from each panel members followed by discussion facilitated by the chair. Panel focus is on partnering and financing for Working with Nature projects)

1510 Break

### **Overcoming Technical Hurdles**

1540 Managing Contaminants in Dredged Material for Beneficial Use- Trudy Estes, USACE

1600 Accelerating Progress after Hurricane Sandy- Monica Chasten, USACE

1620 Panel: Overcoming Impediments and Accelerating Progress on Working with Nature- Monica Chasten, Panel Chair

Panel Members:

Jim McNally, Manson Construction

Harald Köthe, Federal Ministry of Transport and Digital Infrastructure, Germany

Jay Ach, Environmental and Regulatory Manager, Port of San Francisco

Josh Burnam, Anchor QEA

Tiedo Velinga, Port of Rotterdam

(Note: 5 minute presentations/remarks from each panel members followed by discussion facilitated by the chair. Focus is on advancing progress on Working with Nature projects)

1720 Path Forward and Closing Remarks- Bridges, Johnck, Rees

1730 Adjourn