

## Join Us in Panama city, Panama

The Panama Canal Authority (ACP) will proudly host the 34th PIANC World Congress 2018 in Panama City, Panama.

PIANC World Congress presents and discusses topics relevant to the waterborne transport and infrastructure sector. It rotates among PIANC's member countries every four years and it is open to members and non-members. Participants, will have the opportunity to exchange knowledge and experiences.

### The PIANC 2018 Congress will include:

- Technical Short Courses
- Plenary Sessions
- Concurrent Technical Session Tracks
- Industry Exhibition
- Technical Tours
- Networking Events
- Accompanying Persons Cultural Tours

### Key Dates

Abstracts Due: October 15, 2017  
Author Notification: November 15, 2017  
Papers Due: March 16, 2018  
Conference: May 7-12, 2018

# CALL FOR ABSTRACTS

- Abstract deadline: October 15, 2017 -

**34<sup>th</sup> PIANC**  
WORLD CONGRESS  
PANAMA 2018 May 7 to 12



Connecting  
Maritime Hubs  
Globally



PIANC's 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.

NAVIGATION • PORTS • WATERWAYS • ENVIRONMENT

[www.pianc2018.com](http://www.pianc2018.com)

# Connecting Maritime Hubs Globally

Presenters from all continents sharing best practices and project innovation.

When submitting your abstract choose the theme/topic below that is most appropriate.

## Themes/Topics

### Inland navigation

- Waterway infrastructures: locks, weirs, riverbanks, others.
- Advances in navigation locks design after the Panama Canal Expansion
- Inland navigation channels: safety and reliability
- Integration of inland waterways into inter-modal supply chain
- Inland navigation, waterways, ports & terminals
- Systems and Infrastructures: design & management for inland navigation projects
- River Information Services (RIS, AIS, others)
- River navigation flow control
- Salt water intrusion
- Maintenance and operation of IW, transport & infrastructures
- Inland navigation in South America



### Dredging (in the framework of port and navigation projects)

- Effective planning and execution of dredging projects
- Lessons learned from dredging projects worldwide
- Risk management in dredging projects
- Disposal site planning taking into account alternate land uses
- Current dredging & management innovations

### Logistics & Infrastructure

- Challenges for capitalizing navigational channels bordering lands
- Synergies among airports, ports and inter-modal assets
- Integrated management of global supply chains
- Integrating ports and economic special zones
- Provision of added value logistic services in maritime hubs
- Project management in the Panama Canal Expansion

### Ports

- Impact and innovative solutions for hinterland ports
- Dry ports: better and more efficient
- Ports of the future: technologies, automation, traceability
- Port management models
- Maritime Port planning and operations
- Inter-modal connections
- Coastal and Port Engineering (in relation with navigation)
- Storm Surge & Tsunami barriers and Flood protection gates

### Marinas

- Sustainable and resilient marina design – Marinas Working with Nature (best practices and case studies)
- Marinas as part of Tourism, Ports and Urban Master Plans (best practices and case studies)
- Planning Framework for Recreational & Tourism Navigation Infrastructure Systems (goals, strategies and challenges)
- Regulatory Framework and Private Marina Development in Countries in Transition (best practices and case studies)
- Regional Cooperation and Standardization of Recreational Navigation Information Systems Transition (best practices and case studies)
- Recreational components of mitigation plans for large navigation infrastructure projects

### Environment

- Environmental management in navigation
- Climate change and emissions, energy efficiency, international regulations, carbon markets

- Fresh water availability for operations
- New technologies on infrastructure, pollution prevention, port reception facilities and ballast water
- Multiple purpose water resource systems (transport, energy, recreation, ecosystems, watersheds, potable water, ...)
- Navigation as a green transportation mode
- Societal awareness and responsibility, combining economic growth, environment/sustainability and welfare
- Climate Change Mitigation in the Maritime Industry

## Abstract Submission

Each abstract must be written in English and limited to 1000 words. It should not include graphics/figures. Abstracts shall be submitted online at:

<https://www.conference-service.com/pianc-panama>

**Deadline for abstract submissions: October 15, 2017**

### When submitting Your Abstract:

- Choose the theme/topic from the available list that best fits your presentation.
- Provide the required contact information (name, company, business address, phone, and email) for the corresponding author and any co-authors. Also, indicate who you expect to make the presentation at the conference.
- Submit a text-only summary description (limited to 1000 words) of the presentation.
- Submit a statement about why the presentation will be of interest and benefit to conference attendees.

Prospective authors, whose abstracts are accepted, are expected to attend the conference, pay the appropriate fees, and make the presentation in person. ACP/PIANC will accept or reject proposed presentations based on the information provided in the abstract.

To the extent possible, the appropriate presentations will be assigned to conference technical sessions based on the theme identified by the author. ACP/PIANC reserves the right to assign presentations to other conference sessions.

For questions about abstract submission, please contact ACP at [Congress2018@pancanal.com](mailto:Congress2018@pancanal.com)

## Expenses

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