



38th IAHR WORLD CONGRESS PANAMA CITY 2019 Water – Connecting the World

Hosted by
Spain Water
and IWHR, China

In the past number of years, global interest in water has peaked. Many water issues are high on the political and socio-economical agenda, ranging from topics concerning the lack of access to safe drinking water and sanitation through to the increase in water-related disasters due to floods and droughts.

On behalf of the Local Organizing Committee (LOC) of the 38th IAHR World Congress and the International Association for Hydro-Environment Engineering and Research (IAHR), we are delighted to invite you to attend the 38th IAHR World Congress in 2019 in Panama City, Panama.

The primary theme for the Congress will be “Water – Connecting the World”, and shall focus on: Hydraulic Structures, Ports and Coastal Engineering, Hydro-Environment, Water Management and Hydro-informatics, River and Sediment Management and Climate Change and Extreme Events.

In addition to the dissemination of high-impact research findings through the above themes, the Congress will also provide a platform for academics (both in science and engineering) and practitioners to meet and engage to discuss important topics. The event will also host an exhibition to present the latest cutting-edge developments in equipment, software and instrumentation. Workshops and training events will also be offered throughout the Congress.



Call For Abstracts

Participants and presenters from every continent are encouraged to contribute regarding latest findings, best practice and innovation in Hydro-Environment Engineering and Research. When submitting your abstract, please choose the theme/topic below that is most appropriate to your research:

THEMES / TOPICS

Theme A – Hydraulic Structures	Theme E – River and Sediment Management
Theme B – Ports and Coastal Engineering	Theme F – Climate change and Extreme Event
Theme C – Hydro Environment	Theme G – Other Related Themes
Theme D – Water Management and hydro-informatics	

Guidelines for Abstract Submission

Authors are invited to submit their abstracts electronically based on one the 7 themes listed for review by the Congress Scientific Committee. Abstracts should be in English and of 300 to 400 words. One author can submit no more than two abstracts as the first author. The authors of the accepted abstracts will subsequently be requested to submit the corresponding full-length papers according to the Key Dates and Deadlines outlined below.

KEY DATES AND DEADLINES

Abstract Submission	October 28, 2018
Abstract Notification	January 27, 2019
Paper Submission	April 16, 2019
Paper Notification	June 18, 2019
Congress	September 1 to 6, 2019

More than just a Canal

About Panama City (PTY)

A strategic point for air connections between the Americas, with a skyline filled with contemporary architecture, Panama City is well known for its business infrastructure, cosmopolitan culture and biodiversity. The Panama Canal, only fifteen minutes from downtown Panama City, is one of the most important engineering works of the 20th and 21st century.

Panama is a country of diversity and contrasts; a country of multiple atmospheres, diverse in the historical, geographical and cultural aspects, and inhabited by a colorful mixture of ethnicities and customs. Because of this unique combination of people and extraordinary sites, Panama City is a magical and fascinating destination.

Technical Visits

A number of technical visits have been arranged with the assistance of selected local travel agencies/partners, who handle planning, booking and the visit itself.



**Atlantic Technical Tour
Agua Clara New Locks**
Duration: 8 hours approx.

We will travel along the Panama Canal by the Transisthmian Railway, beginning at Panama City (on the Atlantic Side) and ending at Colon Province on the Caribbean side. Once we arrive at Colon, we will visit the two sets of Locks called the Agua Clara Locks, where you will have excellent views of the Panama Canal. The Agua Clara Visitor Center offers an impressive panoramic view of the Panama Canal Expansion in the Atlantic region and provides fulfilling experience to understand all the development and construction of the Panama Canal expansion project.



**Pacific Technical Tour
Panama Canal Partial Transit**
Duration: 7 hours approx.

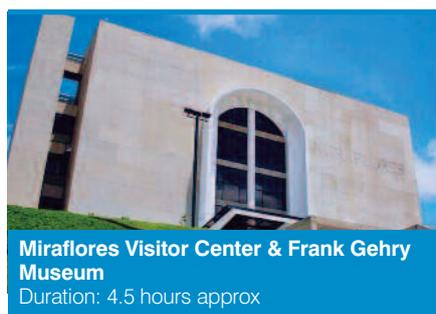
This tour gives you the opportunity to transit one set of locks. Departing from Flamenco in Amador, the journey takes you into the Miraflores Locks where the water is raised up to 54 feet in a two step process. This process is achieved by conveying water from Pedro Miguel's lake by gravity to fill the chambers where the ship is locked. Once the process is finished, the ship proceeds onto Pedro Miguel's lake. Calling at Gamboa, you are then transferred to a bus to return to your hotel approximately. The tour includes dinner and drinks.



Bay Sanitation Project
Duration: to be confirmed

This tour gives you the opportunity to experience the Panama bay Sanitation Project. The treatment plant of

the Sanitation Project of the City and the Bay of Panama is located in the south east area of Panama City, specifically in the area of Juan Diaz. The Panama Bay Sanitation Project is a state project aimed at tackling the problem of wastewater i, discharge to streams, rivers and tributaries which once caused significant environmental damage and generated health risks for the population. The project includes an interceptor tunnel (8.1 kilometers long and 3 meters in diameter), which has the function of conveying wastewater from the collectors to the pumping station in Nuevo Reparto Panamá at a level of 25 meters deep. It also includes a Line of Drive that takes the waters to the treatment plant of Juan Diaz. The plant receives and treats wastewater generated in the capital and in the district of San Miguelito, allowing clean effluent discharge to return to the Juan Diaz River. Through the treatment process, methane gas is recovered which is used to generate 18% of the electrical energy required by the plant during operation.



**Miraflores Visitor Center & Frank Gehry
Museum**
Duration: 4.5 hours approx

Visit the Miraflores Locks Visitors Center, where you can take the opportunity to pause and view the enormous ships that make their way through the Panama Canal. Visit the four exhibition halls, designed by themes that constitute the heart of this center. Enjoy a spectacular view of the famous Panama Skyline while traveling via the Causeway to the former Fort Amador en route to the Frank Gehry Museum. The Amador Causeway was built from excavated material during Canal construction; it took 18 million yards of solid rock extracted from the famous Culebra or Gaillard Cut of the Panama Canal to build this Causeway. The Causeway was formerly part of a military base, which has been now transformed into a flourishing tourist attraction and marina. Visit the Biodiversity Museum and explore the only building designed by Frank Gehry in Latin America and Panama to understand how the planet was impacted when Panama merged to connect the Americas. From the Biodiversity Museum it is possible to clearly see the profile of the modern city, the Old Town, the "Cerro

Tourist Attractions

The Congress location will provide every participant with a lifetime of memorable experiences including:

Visit Panama, Old City

Enjoy the rich and historical character of traditional Panama culture on a guided tour that highlights the nation's past, present and future life. Visit the Causeway area where you can appreciate beautiful Sunsets, while having a gorgeous view of the Pacific Ocean.

Visit Rainforest and Chagres River

Take an adventure through a mile long path that lies within the Gamboa Rainforest boundaries. By tram you will ascend 280 feet which ends on the top of a hill where you can walk to the observation tower. From there you'll get great views of the Canal and the Chagres River, as well as the surrounding forested areas of Soberania National Park. After this, you will take a small boat trip to visit the Monkey Island at Gatun Lake.

Embera's Indigenous Community

Experience hopping on a boat and sailing through the Chagres River into the Embera's indigenous community located at the Chagres National Park. Upon arrival at the village, you will experience and learn about the traditional way of life of the indigenous culture there.

You may also take a rainforest tour to a waterfall, visit their homes, experience traditional dancing, customs and understand their culture and lifestyle.

The 38th IAHR World Congress will bring together the key players in the sector from around the globe involved with "Water – Connecting the World", from 1-6 September 2019 in Panama.

We look forward to meeting you there!

Visit our Website
<http://iahrworldcongress.org/>

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