

Conference Topics

Coastal Structures 2019 is intended to provide a forum to present and discuss the latest developments in coastal protection, mitigation of climate change impact, and extreme events through innovative and resilient measures. Papers describing new research, technical innovations and interesting case studies on the following topics shall be considered for the conference:

Coastal Hydrodynamics, Coastal Processes

- Wave-current Interaction
- Extreme Events – Assessment and Mitigation
- Tsunami Hydrodynamics, Impacts and Mitigation

Coastal and Ocean Structures

- Wave-structure Interactions, Loading, Response
- Wave-structure-seabed Interaction (WSSI)
- Geotechnical Design of Foundations for Offshore Wind Energy Structures
- Sediment Transport
- Coastal Flooding, Flood Prevention, Shore Protection
- Port Facilities and Infrastructure Management
- Wave Run-up and Overtopping
- Nature-based Solutions for Coastal Protection
- Climate Change Impacts and Adaptive Pathway Design
- Coastal Disasters and Disaster Risk Reduction (DRR)

Methods and Techniques

- Coastal Field Measurements and Monitoring and Observations
- Physical Modelling and Experimentation
- Numerical Coastal Modelling

Schedule of Event

September 29th	Sunday	Ice Breaker /Registration
September 30th	Monday	Opening and Keynote Speech Technical Sessions
October 1st	Tuesday	Technical Sessions Technical Tour
October 2nd	Wednesday	Technical Sessions Conference Dinner at the Courtyard by Marriot Hotel

Conference Fees

Registrations and Fees	Early until July 1 st	Late after July 1 st
ASCE Member	545,- Euro	645,- Euro
ASCE Non-Member	595,- Euro	695,- Euro
Student	495,- Euro	595,- Euro
On Site *		795,- Euro
Day Registrations *		270,- Euro
Banquet		85,- Euro
Icebreaker		50,- Euro

* without Banquet /Icebreaker

Technical Tour

Participants of the technical tour will get the opportunity to visit a number of cutting-edge hydraulic, experimental facilities in Hannover-Marienwerder. On the premises, the Coastal Research Center (Forschungszentrum Küste, FZK) operates the Large Wave Flume (Großer Wellenkanal, GWK). With its length of 307 metres, a depth of 7 metres and a width of 5 metres, the GWK is one of the largest wave flumes in the world. Starting in summer 2019, the flume will be upgraded with a new wave generator, additional current generators (up to 0.5 m/s) and a deep pit section. Next to the GWK, the Leibniz University Hannover has access to a total of almost 16,800 square metres sheltered laboratory space and 24,000 square metres of outdoor space. Within this facility, Ludwig-Franzius-Institut operates various experimental programs allowing for year-round operation of hydraulic models. In addition, Technische Universität Braunschweig runs a 32 metres long wave-current flume that is a 1:10 model of the GWK to conduct equivalency mid-scale experiments. The laboratory also features a novel tsunami and long wave generator of 80 metres length and 4 metres width which is mutually operated by the two Universities.

Accessibility

The Hannover Airport (HAJ) is located in Langenhagen, 11 kilometres north of the center of Hannover. The airport has flights connecting Hannover with all major European metropolitan and international destinations. Moreover, other international airports are also located nearby: Hamburg Airport (HAM), Berlin Airport (BER), Münster /Osnabrück Airport (FMO) and Bremen Airport (BRE). Intercontinental connections are available from Hannover via Frankfurt (FRA) and Munich (MUC).



Important Dates 2019

January 15th	Tuesday	Final Abstracts Submission
February 15th	Friday	Abstract / Full Paper Decision
May 15th	Wednesday	Full Paper Submission
June 15th	Saturday	Notification of Full Paper
July 1st	Monday	Early Bird Deadline for Registration

