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our Conference Website regularly
www.pianc-copedec2012.in

3rd Announcement

PIANC – COPEDEC VIII

Eighth International Conference
on Coastal and Port Engineering
in Developing Countries

IIT Madras, Chennai, India
20-24 February 2012

IOC and PIANC - CoCom
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“Meeting the Challenges of the Coastal Environment”

IIT Madras Director's Welcome Message

The Indian Institute of Technology Madras (IITM) is pleased to host PIANC-COPEDEC VIII on the IITM campus, Chennai from 20 to 24 February 2012. The conference has already made an enormous global contribution towards empowering coastal and port engineering communities in developing countries to take charge of their own development. The merger of PIANC and COPEDEC has greatly enhanced world-wide professional interest and participation in the Conference now under the banner of PIANC-COPEDEC. The leading role India is playing in contributing to and catalysing the global post-recession recovery, with massive investments in transport infrastructure including ports, makes it the right time for us to host PIANC-COPEDEC VIII at IIT Madras, India's Centre of Excellence in Coastal and Ocean Engineering. It is my pleasant duty to invite you to Chennai not only to participate in this conference but also to enjoy the culture of South India and the IITM campus which is an oasis within a bustling city.



Venue

The Conference will be held in Chennai, India at the IC & SR building in IIT campus, surrounded by trees, and providing an ideal environment for stimulating technical deliberations. The IIT-M campus is self-contained with all the facilities of an international university. The campus of the institute extends over an area of 2.5 sq.km in Chennai, the capital city of Tamilnadu, and is rich in flora and fauna.

Language

The Language of the Conference will be English.

Objectives

The active mission of the PIANC-COPEDEC Conferences is:

- To provide an international forum where coastal and port engineers from developing countries can exchange know-how and experience amongst themselves and with their colleagues from industrialized countries;
- To enable the developing countries to have a sustainable human resource pool of coastal and port development professionals.

The main theme for COPEDEC VIII is:

"Meeting the Challenges of the Coastal Environment"

As with previous conferences, the emphasis on technical subjects remains. Papers will focus on practical applications, planning, management and environmental aspects of coastal and port engineering in developing and industrialized countries, including documentation of case studies.

International Organizing Committee (IOC)

Conference planning is being coordinated by the International Organizing Committee, whose members are

Dr. Ranjit Galappatti	Sri Lanka	Chairman
Dr. David A.Y. Smith	Jamaica	Member
Mr. Freddy Wens	Belgium	Secretary
Dr. Gary Mocke	Oman / South Africa	Member
Dr-Ing. Hartmut Bruehl	Germany	Member
Mr. Louis Van Schel	Belgium	Secretary General of PIANC, Member
Mr. Rakesh Srivastava	India	Chairman, Advisory Committee
Dr. Vallam Sundar	India	Chairman of LOC, Member

Advisory Committee

Mr. Rakesh Srivastava	Joint Secretary (Ports), Ministry of Shipping, Chairman
Mr. H. N. Aswath	Director (Engineering), Ministry of Shipping
Mr. Atulya Mishra	Chairman, Chennai Port Trust
Mr. G. J. Rao	Tuticorin Port Trust
Mr. A. Subbiah	Deputy Chairman, Tuticorin Port Trust
Mr. Ganapathi Subramaniam	M/s Consulting Engineering Services
Prof. Vallam Sundar	IIT Madras
Chairman and Managing Director	Dredging Corporation of India
Mr. P. D. Vaghela	Chairman, Kandla Port Trust
Mr. S. Velumani	Ennore Port Limited

Local Organizing Committee (LOC)

Prof. Vallam Sundar	IIT Madras	Chairman
Mr. Ajay Pradhan	DHI, India	Member
Mr. V. R. Alaguvel	Chennai Port Trust	Member
Mr. H. N. Aswath	INS-PIANC	Member
Dr. S. Chandrasekaran	IIT Madras	Member
Prof. J.S. Mani	IIT Madras	Member
Capt. D.K. Mohanty	Ennore Port Limited	Member
Prof. K. Murali	IIT Madras	Member
Dr. S. Nallayarasu	IIT Madras	Member
Dr. R. Panneer Selvam	IIT Madras	Member
Prof. R. Ramesh	Anna University	Member
Prof. S. A. Sannasiraj	IIT Madras	Member
Capt. P. M. Saravanan	Dredging Corporation of India Ltd	Member
Dr. K. M. Sivakholundu	N.I.O.T	Member
Prof. R. Sundaravadivelu	IIT Madras	Member
Mr. E. J. Ten Singh	Tuticorin Port Trust	Member

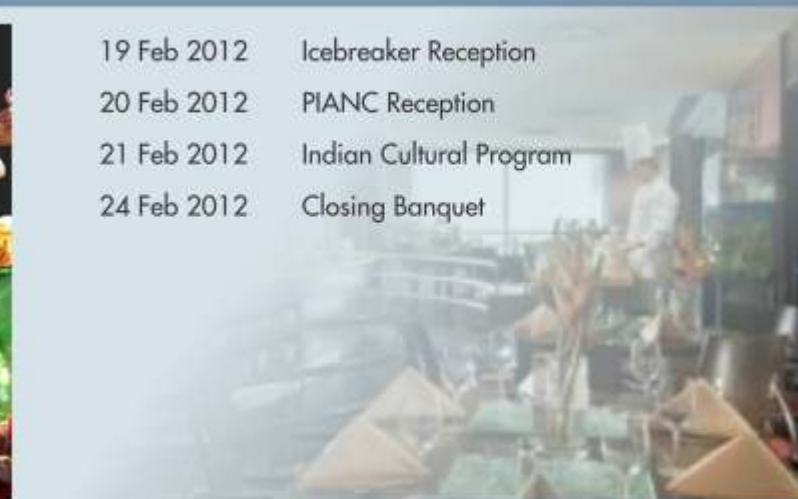
Paper Selection Committee (PSC)

Prof. Kees d'Angremond	The Netherlands	Chairman
Prof. Charitha Pattiarachchi	Australia	Member
Dr. Gary Mocke	South Africa	Member
Prof. Ron Cox	Australia	Member
Prof. Soren Kohlhase	Germany	Member
Prof. Tomoya Shibayama	Japan	Member
Prof. Vallam Sundar	India	Member
Prof. S. A. Sannasiraj	India	Secretary of the PSC

Social Events



19 Feb 2012	Icebreaker Reception
20 Feb 2012	PIANC Reception
21 Feb 2012	Indian Cultural Program
24 Feb 2012	Closing Banquet



Post Conference Tours

- Golden Goa (3N/4D)
- Corbett National Park (Delhi) (2N/3D)
- Golden Triangle (4N/5D)
- Kerala backwaters (3N/4D)
- Classical Karnataka (4N/5D)
- Backwaters of Pichavaram

For more details, updates and booking, you may refer conference web site.

Sponsors

This series of Conferences supports the participation of delegates from countries in transition. In order to facilitate this, support is sought from various sponsors. The sponsors can hold Platinum, Diamond or Gold status depending on the extent of their financial contribution towards various events and the award of fellowships. The main Platinum sponsorship for PIANC-COPEDEC VIII has been overwhelmingly undertaken by the Government of Flanders, Belgium, however other sponsors are necessary and welcome. Those who support lunches, dinners and technical tours get the status of co-sponsor.

Exhibition

The event PIANC- COPEDEC VIII is expected to attract more than 400 delegates around the globe, including port operators, development and investment companies, harbour agencies, port and terminal equipment suppliers, consulting firms, marine contractors, dredging organisations, environmental specialists and research laboratories.

The exhibition will form a central part of the attractions for this prestigious international conference, which is hosted by PIANC once every four years. Exhibiting at PIANC-COPEDEC VIII will represent an unrivalled opportunity to project the skills and expertise of your company, showcase your products and reach a targeted audience of experts and decision makers in the marine sector around the world covering problems related to harbor, port and coastal Engineering, dredging and coastal Zone management.

As an exhibitor in PIANC COPEDEC conference you will have the opportunity to:

- Establish your company in the variety of fields in the marine sector including ports and waterways industry.
- Demonstrate the range and quality of your products and services to relevant experts and organisations.
- Network and carry out business with senior level industry decision makers.
- Target new customers, and build and reinforce existing relationships.

As an Exhibitor you will Enjoy

- One or more 3m x 2m shell exhibition spaces located in the conference venue as indicated in this brochure.
- Company logo and information in the printed exhibition catalogue distributed to all delegates.
- Link to company web site from PIANC COPEDEC VIII Conference web site.
- Each exhibiting company will also receive a conference delegate pass.

Exhibitor Package

The exhibition will be limited to a maximum of 40 (3m x 2m) Shell Scheme Units. The shell scheme packages make exhibiting easy. All that is needed is to book your stand and location and the conference secretariat will provide you with walls, fascia, name board, power lighting and carpet. The cost of an exhibition stand unit (6sq m fixed format) is fixed as \$4000 or ₹ 1,80,000/- and if two stalls are taken by the same company, it will qualify for a reduction of \$1000 or ₹ 45,000/- per additional unit.



List of Exhibitors



Local Transport

To facilitate smooth travel within the city of Chennai in order to reach the hotels and the conference venue, a separate desk will be available in both National and International terminals of Chennai airport. The desk will be in operation between 19th and 20th Feb. 2012. The transfers will be on chargeable basis for general delegates who are not offered fellowship. It is preferable to have the pre-booking done through email to pianc-copedec@cimglobal.net.

During the period of conference and short course, shuttle service at fixed timing will be operated between the listed hotels and the conference venue. The timings will also be displaced in the hotels. A travel desk will be available at the conference venue for further enquiries on bookings of post-conference tours, confirmation of tickets, individual transfers on payment basis. For all details and update visit our Conference Website regularly www.pianc-copedec2012.in

Technical tours

Tour 1

Chennai port, one of the major ports situated along the South East coast of India is more than a century old that is under continuous modernization. This is an artificial port. The initial construction of Chennai Port commenced in 1875 and has undergone several changes mainly to counteract the adverse problems associated with the sediments finding its way to the entrance channel.

Tour 2

Ennore Port, located on the about 24 km north of Chennai port is the 12th major port of India. Ennore Port was originally conceived as a satellite port to the Chennai Port, primarily to handle thermal coal to meet the requirement of Tamil Nadu Electricity Board (TNEB) was commissioned in 2001.

Coastal protection site –north of Chennai, a perennial problem of erosion over five decades due to the inception of northerly net drift. The erosion has been arrested that has also enhanced beach build up due to construction of groin fields.

Tour 3

Coastal Engineering sites along South Chennai - A classical example of coastal erosion/accretion due to nature and man-made causes and mitigated by hard measures.

Accompanying person program

Accompanying persons are invited to join in the inaugural function, conference lunches / Tea / High Tea / Social Functions on all days.

20 Feb. 2012

- Visit to Dakshinachitra (<http://www.dakshinachitra.net/>) – a center for the living traditions of art, folk performing arts, craft and architecture of India with an emphasis on the traditions of South India.
- Lunch
- Visit to Sri Shridi Sai Baba temple at Neelangarai.
- Return to Conference venue at 5pm.



21 Feb. 2012

- Visit to Kapaleeshwar temple
- Visit to Museum (Egmore)
- Return to Conference venue at 5pm

22 Feb. 2012

- Cfr. Technical visits

23 Feb. 2012

- Shopping at City Centre
- Visit of Mahapalipuram temples
- Return to Conference venue at 5pm.



24 Feb 2012

- Visit to Valluvarkottam, Pandy Bazar
- Return to Conference venue and join with Conference delegates for Lunch.
- Visit Snakes Park, Gandhi Mandapam, Kamaraj memorial
- Return to Conference venue at 3.30pm.

18 February 2012

09:30-17:00 hrs (Lunch break: 12:45-13:45 hrs)

**COASTAL DYNAMICS FOR COASTAL ENGINEERS**

by **Prof. M. J. F. Stive**, Scientific Director of the Water Research Centre Delft and Chair of Coastal Engineering, T.U. Delft, The Netherlands

For the details of the speaker you may visit
<http://www.xs4all.nl/~stive51/>

Course Contents:

1. Coastal systems (What is the coast? What is coastal engineering and management? Large-scale geographical variation of coasts (climatic, tectonic, nature and abundance of material, sea-level changes))

2. Hydrodynamic forcing and sediment transport (Ocean waves: wind waves and astronomical tide. Description of wave characteristics, wind wave dispersion, generation and propagation in shallow water and waves in the surf zone. Tides in shallow waters. Storm surge. Sediment transport processes. Sediment characteristics, bed shear stress, entrainment, cohesive versus non-cohesive material)

3. Coastal response (Cross-shore and longshore sediment transport mechanism and calculation methods. Coastal profile types and coastline features. Sediment balance and coastal changes. Dynamic profile equilibrium, depth of closure. Causes of profile changes, seasonality, erosion. Coastline equilibrium and causes of natural and human-induced coastline changes. Coastal inlet and tidal basin types and large-scale basin morphology. Sediment exchange between tidal basins and the coast. Siltation of navigation channels and basins)

4. Coastal protection and management (Overview and functional design of methods for coastal protection (flooding and erosion)). Dutch safety policy and safety policy in an international context. What is integrated coastal zone management, pressures on coastal zone, guidelines on ICZM, environmental and morphological impact assessments. Reading and interpreting nautical charts for use in coastal engineering

19 February 2012.

08:30-10:45 hrs

**PORT & HARBOR PLANNING/ENGINEERING**

by **John Headland**, PE, Sr. Vice President, Moffatt & Nichol, USA

For the details of the speaker you may visit
<http://www.pianc.us/abmeetHeadland.cfm>

Course Contents:

Introduction-Ports & Harbors, Cargo Types, Ships, Forecasts, Throughput Analyses (berths & land areas), Harbor Elements (channels, protection works, reclamation, quays) and Cost optimization

11:00-16:00hrs (Lunch break: 12:30-13:30hrs)

**DREDGING**

by **Prof. dr. ir. C. Van Rhee**, Dredging Engineering, Delft University of Technology, The Netherlands

For details of the speaker you may visit
<http://www.3me.tudelft.nl/live/pagina.jsp?id=42876e81-9dc2-4377-87a7-b3625380f18c&lang=en>

Course Contents:

Hydraulic transportation, Cutter suction dredge, Trailing suction hopper dredge - Starting from the basics, possibilities and limitations of the equipment - recent developments in equipments, influence of soil condition on production and the impact on the dredging market.

Pre-Conference Short Course Fee

Pre-Conference Short Course	2 Days	1 Day
for PIANC-COPEDEC VIII delegates	US\$200	US\$150
for non PIANC-COPEDEC VIII delegates	US\$400	US\$250

Registration fees

The registration fees are as follows:

Registration	Fee Until 30 Nov 2011	From 1 Dec. 2011
Participant	US\$600	US\$650
Presenting author	US\$550	Not applicable
Full time student (letter from Parent institute required)	US\$400	
Accompanying person	US\$300	US\$350

PIANC members are eligible for an additional reduction of US\$50. Some Indian delegates will be eligible for a reduction, depending on the provision of a subsidy from different government agencies.

For participants, the registration fee includes participation in all conference technical sessions; one set of proceedings; transportation between designated hotel (s) and the conference venue, on specified days; reception and banquet as well as guided tours arranged for Wednesday and other special tours offered for accompanying persons.

• Modes of Payments

Please refer our conference website: www.pianc-copedec2012.in for more information and online registration.

• Through Bank Transfer

The amount can be transferred to our account through bank transfer facility, the details of which given.

Account Holder : PIANC-COPEDEC VIII 2012
 Name of Bank : Canara Bank, IIT Madras Branch, IIT Madras,
 Chennai – 600 036 INDIA
 Account No : 2722101007221
 BIC : CNRBINBBIIT

• Through Demand Draft

It may be sent as crossed demand draft drawn in favour of "PIANC-COPEDEC VIII 2012" payable at 'Chennai' Canara Bank, IIT Madras Branch and sent to

Prof. V.Sundar Organising Secretary
 PIANC COPEDEC 2012, Dept. of Ocean Engineering, IIT Madras, Chennai 600036, India

Accommodation

Category	Hotel Name	Special Tariff for PIANC delegates only	
		Single	Double
5 star	Hyatt**	₹ 8000	₹ 8500
	Le Meridien	₹ 7500	₹ 8500
3-4 star	GRT Grand	₹ 6000	₹ 6500
	Courtyard by Marriot**	₹ 5500	₹ 6500
Budget	Raj Park	₹ 4000	₹ 4500
	GLM Meridien	₹ 3600	₹ 4000
	Ginger Hotel (Superior Room)	₹ 3099	₹ 3599
	Ginger Hotel (Standard Room)	₹ 2899	₹ 3399
	Benz Park	₹ 2100	₹ 2600
	Ginger Hotel (Smart Saver Room)	₹ 1999	
	Starcity Service Apartments		₹ 1500

Hotel Name	Distance (in km)			
	Airport	Railway Station	IIT Madras	City Centre
Hyatt**	14	5.5	7	2.5
Le Meridien	6.5	14	5.5	6
Raj Park	16	5	8.5	6
GRT Grand	13	6.5	7	3
Courtyard by Marriot**	14.5	5.5	8.5	3
Starcity Service Apartments	14.5	5.5	7	2
Benz Park	14	12	7	2
GLM Meridien	13	11	6.5	1
Ginger Hotel	9	9	1	2.5

- ◆ Please note that all these rates excludes 12.5 % tax on the published tariff and 5.15 % tax on Special tariff
- ◆ ** 12.5% luxury tax on all the above P.Tand 10.30 % service tax on S.T since it's a foreign brand
- ◆ Please refer the conference website i.e. www.pianc-copedec2012.in for more information and online booking.

List of Selected Papers

Coastal Risk Management

Zahid Ahmed, Zahirul Haque Khan and Md. Nasim Al Azad Khan Assessment of storm surge height for designing cyclone shelter under changing climate	Bangladesh	Ron Cox, Stacey Atkinson and Keith Joseph Climate change adaptation for the Solomon Islands	Australia
Ceren Ozer, Ahmet Cevdet Yalciner and Andrey Zaitsev Tsunami Hydrodynamic Parameters in Inundation Zone A Case Study: March 11, 2011 Tohoku-kanto Tsunami	Turkey	Tom Shand, Ron Cox, Melissa Mole and James Carley Extreme storm wave data for Australia	Australia
Peter DeWolf, Koen Trouw, A. Bolle and K. Van Doorslaer Protection against flooding of the harbour of Ostend (Belgium) by the construction of flood walls	Belgium	David Smith and Philip Warner Coastal risk Reduction Initiatives for Small Island Developing States - A Caribbean Perspective	Jamaica
Napayalage Aruna Kithsiri Nandasena, Norio Tanaka and R. Paris Numerical modelling of boulder transport by tsunami: The model predictions and its sensitivity	Japan	Filipe Vieira, Juan Recio, Francois Smit and Gary Mocke Assessment of inundation during Cyclones	Portugal
Deborah Villarroel-Lamb The application of probabilistic long-term model predictions to beach management in the Caribbean region	Trinidad and Tobago	Michael Panzeri and Stuart Stripling A GIS-based Framework to Manage Probabilistic Coastal Erosion and Flood-Risk Modelling at Local and Regional Scales.	UK
Juergen Jensen, Christoph Muddersbach and Thomas Wahl Super storms in the North Sea - How safe is safe?	Germany	Andrey Zaitsev, Ahmet Cevdet Yalciner, Ceren Ozer and Efim Pelinovsky Indian Ocean Tsunamis and their possible effects on the Shallow Zones	Russia
Md. Mobassarul Hasan and Umme Kulsum Navera Impact of climate change induced cyclonic surge on the coastal island: Kutubdia and Sandwip and proper adaptive measures	Bangladesh	Mizanur Rahman M, A. Hoque and G. C. Paul A Shallow Water Model for computing water level due to tide and surge along the Coast of Bangladesh using nested numerical schemes.	Bangladesh
Dilani R.Dassanayake, Andreas Burzel, Andreas Kortenhaus and Marie Naulin Risk analysis and management for extreme storm surges (Xtrem Risk)	Germany	Jena G. K, Prakash Dash and Ajay Pradhan Coastal risk assessment with special reference to oil spill for marine infrastructure projects	India
Doerte Salecker, Angelika Gruhn, Christian Schlankow and Peter Frohle Parameterisation of storm surge hydrographs using univariate and bivariate statistical models	Germany	Aliasghar Golshani, Greg Stuart and Rodger Tomlinson Storm Surge Modeling of Fraser East Coast Low event in South East Queensland, Australia	Australia
Gunaratna P. P, T. A. N. Sugandika and D.P.L. Ranasinghe Extreme Wave Occurrences off the Southern Coast of Sri Lanka	UAE	Jinhai Zheng and Tianwen Wang Wave calculations for Lingang Maritime Engineering Base in Hangzhou Bay, China	China
Lam Nghiem and Vu Thi Thu Thuy Storm-surge modelling for coastal structure design	Vietnam	Vasana Dharmadasa, M. M. P. Bhadraraj, P. Thanuja and T. M. N. Wijerathne Assessment of the Vulnerability of East Coast of Sri Lanka for Storm Surges	Sri Lanka
Nilanjan Saha and S. A. Sannasiraj A Monte Carlo based extreme prediction for wave heights	India	Radhika S, M C Deo and G Latha Effect of climate change on extreme waves	India
Angelika Gruhn, Peter Frohle, Christian Schlankow and Dorte Salecker Numerical sensitivity analysis on the influence of hydrodynamic - and failure - conditions on flooding of coastal areas	Germany	John Headland Coastal/Part Structures & Sea Level Rise: Adaptive Management Approach	USA
Martha A. Geldenhuys, S. N. Jonkman, M. Van Ledden and A. Mather Coastal Adaptation to Climate Change: A Case Study in Durban, South Africa	South Africa	Giang Hoang Hong, Ngoc Nguyen Van and Julien De Rouck Impacts and adaptation measurements to climate change and sea level rise of the Vietnam's ports infrastructure	Vietnam
Peter Frohle Climate Change and Coastal Protection - Possibilities and limitations of adaptation methods for flood protection measures and strategies	Germany	Theventhiram S and P. N. Wikramanayake Statistical Analysis of Extreme Waves Observed off the West Coast of Sri Lanka	Sri Lanka
Nalin Wikramanayake and S. Theventhiram Statistical Analysis of Extreme Waves Observed off the West Coast of Sri Lanka	Sri Lanka	Dong-Jiing Doong, Ieng-Hsuan Tseng and Chia Chuen Kuo A Study on the Freak Waves Observed in Field Measurements	Taiwan

Abdolali A, M. Kolahdoozan and M. Jandaghi Alaei On the comparison of analytical methods using for the decomposition of wave characteristics	Iran	Mario Oertel and Andreas Schlenkhoff Mat PIV_GUI - An easy-to-use graphical user interface for PIV measurements	Germany
Kyung-Duck Suh, Sung Jun Na and Ki Deok Do Development of a warning system of wave run-up and overtopping on coastal structure	Korea	Pushpa Kumara Dissanayake, Rosh Ranasinghe and J. A. Roelink Numerical approach on the inlet effects on adjacent coastlines	Sri Lanka
Ramesh U, Madhu Joshi, T J Chesher and Robert Abernethy Study of cyclones for safe-grade elevation - Indian scenario	India	Thi Thu Thuy Vu, Peter Nielsen, Lam T. Nghiem and Jaya Kumar Seelam Sand barrier dynamics driven by waves and currents	Vietnam/Australia
Julio Tomas Aquije Chacaltana, Valdir Innocentini and Izabel Christina Martins Nogueira Hindcast and seasonal characterization of wind waves for the year 2008 at the Marine Terminal Ponta de Ubu - Brazil	Brazil	Trang Duong, Roshanka Ranasinghe, Ali Dastgheib and Arjen Lujendijk Climate Change Impacts on the Stability of Small Tidal Inlets	Vietnam
Tomoya Shibayama, Miguel Esteban, Koichiro Ohira and Takahito Mikami Field Survey of Tsunami Disaster on Sipora Island, Indonesia after Sumatra earthquake 2010	Japan	Thi Phuong Thao Nguyen and Nguyen Quang Minh Hydrodynamic behaviour of Cua Hoi estuary- Nghe An province - Vietnam	Vietnam
Dipak Maiti Managing Risks in Coastal Infrastructure projects : A case study in Car Nicobar island	India	Takahiro Kumagai and Sayaka Nakajima Experimental study on bed load transport of shell fragment-mixed sand under waves	Japan
Shume Akhter, Mohammad Mobassarul Hasan and Mohammad Zahirul Haque Khan Impact of Climate Change on Saltwater Intrusion in the Coastal Area of Bangladesh.	Bangladesh	Ali Dastgheib, M. R. Rajablinejad, R. Ranasinghe and D. Roelvink A probabilistic approach to investigate the effect of wave charology on the process-based morphological modelling	Iran
Coastal Sediments and Hydrodynamics		Tanuspong Pokavanich and Khaled Al-Banaa Roles of water temperature variability to water circulation in an arid meso-tidal shallow bay in Kuwait	Kuwait
Tran Thanh Tungh, J. Van de Kreeke and M. J. F. Stive Location stability of tidal inlets; a numerical approach	Vietnam	Sheela Nair L, V. Sundar and N. P. Kurian Shoreline management plan for a placer mining beach of the southwest coast of India	India
Ravindra Jayaratne and Sarik Salim Shallow water Hydrodynamic Investigation of Local Scour over smooth and Rough Sediement Beds	UK	Sakthi Rajan Murugan, J. S. Mani and K. M. Sivakholundu Stabilization of Ennore Creek	India
Ozgur Kirca V. S, Jorgen Fredsøe and B. Mutlu Sumer Wave liquefaction in soils with clay content	Denmark	Priyantha Gunaratna A Wave Transformation Matrix Approach for Establishing Nearshore Wave Climate in the Dubai Coastal Zone	UAE
Martijn De Jong and Mart Borsboom An efficient post-processing method to derive design wave parameters from a mild-slope wave penetration model	The Netherlands	Jefferson Bandeira, Eduardo Guilherme Gentil de Farias, Joao Antonio Lorenzetti and Lecio Hannas Salim Morphological response of the São Francisco River mouth, Brazil, as a consequence of the sediment retention in dams	Brazil
Roger Matsumoto Moreira and Julio Tomas Aquije Chacaltana Vorticity effects on wave-current interactions	Brazil	Mohammad Hussain, A. K. M. Saiful Islam, Mohammed Abed Hossain and Md. Tanimul Hoque Potential impact of climate change on residual currents in the northern Bay of Bengal along Bangladesh coast	Bangladesh
Boris Divinskiy, A. A. Ivanov, S. B. Kuklev and Y. V. Saprykina Extreme Storm Surges in Shallow-Water Basins	Russia	Rao Gali Someswar Dynamic Morphology in Sogal Channel area and dredging experiences of Kandla Port	India
Hany Ahmed and Andreas Schlenkhoff Investigation of the Hydrodynamic Characteristics of Vertical Slotted Wall Breakwaters via PIV	Egypt	Samarawickrama Samarawickrema, R.P. Dubey and P. P. Gunaratna Mathematical model studies for river regulatory measures for the improvement of draft in Hooghly Estuary, India	Sri Lanka
Norman Dreier, Christian Schlamkow and Peter Frohle Future wave conditions at the German Baltic Sea Coast on the basis of wind-wave-correlations and regional climate change scenarios	Germany	Victor Shakhin and Tatiana Shakhina Parameters of progressive waves of finite amplitude in shallow water	Russia
Igusti Bagus Sila Dharma Cross-Shore Profile and Coastline Changes of Sandy Beaches, South Coast of Bali Island	Indonesia		
Soheila Taebi, C. Pattiaratchi, G. Ivey and R. Lowe Hydrodynamic response of a tropical coral reef to a rise in mean sea level	Australia		

Thiago Freitas do Nascimento and Julio Tomas Aquije Chacaltana Influence of a constriction in hydrodynamic of Canal da Passagem, Vitória-ES, Brazil	Brazil	Balaji Ramakrishnan Numerical Case Study on Modelling of Dredge Plume Dispersion	India
Shari Gallop, Cyprien Bosserelle and Ian Eliot Storm-driven perched beach dynamics behind a natural low-crested structure	Australia	Jaya Kumar Seelam and Tom E. Baldock Solitary wave friction factors from direct shear measurements on a sloping bed	India
Sergey Kuznetsov Physical mechanisms of secondary waves formation in coastal zone and possibility of its application to coastal protection	Russia	Ketut Suastika, Haryo D. Armono and Sujantoko Morphological changes in the Madura Strait due to deepening and widening the navigation channel	Indonesia
Geoff Smith, Pierre de Wet, Gerhardus Diedericks and Christoph Soltau Shoreline Modelling adaptations for Massive sand and gravel discharges on an exposed coastline	South Africa	Wikramanayake P. N and M. S. L. Fernando Shoreline Changes between Negombo and Chilaw, Sri Lanka: Field Measurements and Mathematical Modeling	Sri Lanka
Sikandar Khatri and Ian Young On the importance of balance of sources terms in wind-wave spectrum	USA	Dominic Reeve, Vanesa Magar and Jose Horrillo Caraballo A Data-driven Ensemble Modelling approach for Dredging Estimates: Great Yarmouth, UK	UK
Prasanthi Ranasinghe, K. Goto, F. Imamura and J. Takahashi Recovery of the Tsunami Influenced Bathymetry Change by Normal Wind Waves	Japan	Samadhi Dissanayake, M. D. V. S. Dharmadasa, M. Fernando and K. Raveenthiran Coastal protection measures at Wudam Al Sahil in Musannah	Sri Lanka
Peter Milbradt, Harro Hayer and Jennifer Valerius Analysis of the morphodynamics of the German Bight on the basis of a functional soil model	Germany	Shreenivas Londhe and Pradnya Dixit Forecasting Ocean Waves Using Support Vector Regression	India
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Anil Purohit, Vaidya M. M. and Kudale M. D. Hydraulic Design Aspects For Intake Structure of Coastal Power Plant in Macro Tidal Gulf Regime	India	Masimin Masimin and Z. A. Ariff Assessment for Coastal Protection Works for Banda Aceh Built During the Rehabilitation and Reconstruction Programs	Indonesia
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Sundaravadivelu R, S. Ashwin, B. Rajesh Reguram and S. Surendran
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Nigeria

Australia

India

Bangladesh

Sri Lanka

The Netherlands

Sri Lanka

Sri Lanka

Lao People
Democratic Republic

India

General Information

Chennai is the capital of the South Indian state of Tamil Nadu. It is the fourth largest metropolis of India, after New Delhi, Mumbai and Kolkata. It is a seaside (and a major port) city situated along the second largest beach in the world, the Marina Beach. The weather in Chennai is warm and humid for most of the year.



Chennai is connected to all major cities in India by air and its rail and road network make the tiniest village easily accessible by comfortable trains and deluxe buses. Chennai's economy has a broad industrial base in the automobile, technology, hardware manufacturing, and healthcare industries. The city is home to much of India's automobile industry and is the country's second-largest exporter of software, information technology and information-technology-enabled services (ITES), second only to Bengaluru. The city is also a wind turbine manufacturing hub with the presence of some major national and international wind turbine manufacturers.

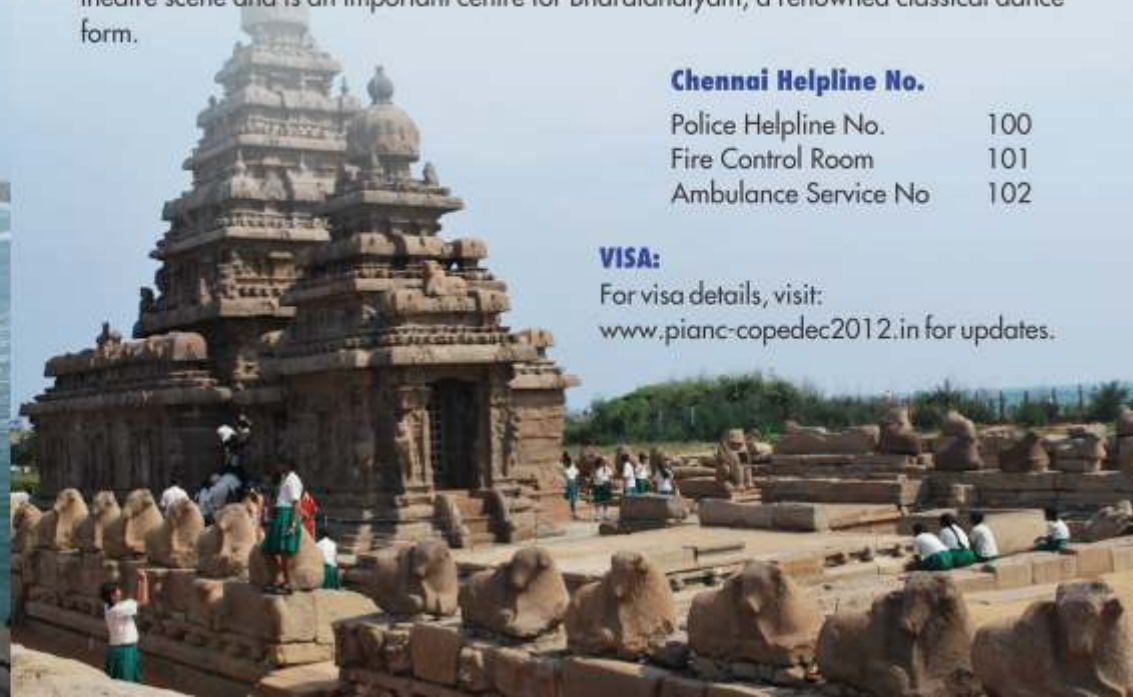
Chennai boasts of a rich cultural heritage and has many monuments and temples. Mahabalipuram, Kanchipuram and Thanjavur are examples of some famous temple towns. While Mahabalipuram, with its wealth of sculptures, is famous for its exotic seaside resorts, Kanchipuram, also called Kanjeevaram, is famous for its lustrous silk sarees. Likewise, Thanjavur is an important centre for bronze figure casting. The city has a vibrant theatre scene and is an important centre for Bharatanatyam, a renowned classical dance form.

Chennai Helpline No.

Police Helpline No.	100
Fire Control Room	101
Ambulance Service No	102

VISA:

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Conference Programme

	19 Feb. 2012 Sunday	20 Feb. 2012 Monday	21 Feb. 2012 Tuesday	22 Feb. 2012 Wednesday	23 Feb. 2012 Thursday	24 Feb. 2012 Friday	25-26 Feb. 2012 Sat. & Sun
09:00-09:25		Keynote lectures	4 parallel sessions	4 parallel sessions	4 parallel sessions	4 parallel sessions	Post Conference Tours
09:25-09:50							
09:50-10:15		Opening exhibition	Coffee	Coffee	Coffee	Coffee	
10:15-10:40							
10:40-11:00		4 parallel sessions	4 parallel sessions	Technical visits	4 parallel sessions	4 parallel sessions	
11:00-11:25							
11:25-11:50		Lunch	Lunch	Lunch	Lunch	Lunch	
11:50-12:15							
12:15-12:40		4 parallel sessions	4 parallel sessions	4 parallel sessions	4 parallel sessions	4 parallel sessions	
12:40-13:40							
13:40-14:05		Coffee	Coffee	Coffee	Coffee	Coffee	
14:05-14:30							
14:30-14:55	Registration of Conference Venue	4 parallel sessions	4 parallel sessions	4 parallel sessions	4 parallel sessions	4 parallel sessions	
14:55-15:20							
15:20-15:40		PIANC reception	Cultural evening & Dinner	Free evening	Free evening	Closing Ceremony	
15:40-16:05							
16:05-16:30							
16:30-16:55							
16:55-17:20							
19:00-21:00	Opening ceremony and tea-breaker						

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