

**EIGHTH  
ASIA-PACIFIC CONFERENCE  
ON WIND ENGINEERING**

**APCWE-VIII**

December 10 - 14, 2013  
Chennai, INDIA



First Announcement

**APCWE 8**



Organised by

**CSIR-Structural Engineering Research Centre  
Chennai, INDIA**



*In cooperation with*



**INTERNATIONAL ASSOCIATION  
FOR WIND ENGINEERING (IAWE)**



**INDIAN SOCIETY FOR  
WIND ENGINEERING (ISWE)**

wind  
engineering  
research

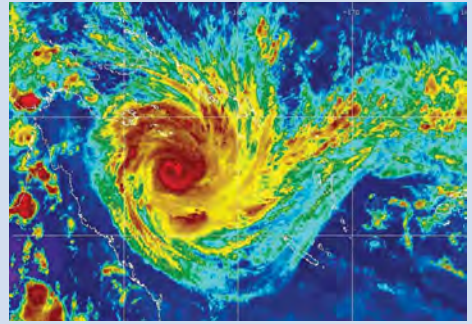
mitigating  
DISASTER

# TAMING WIND

## ABOUT THE CONFERENCE

The 8th Asia-Pacific Conference on Wind Engineering (APCWE-VIII) will be held on 10-14 December, 2013, at Chennai, India, organized and hosted by CSIR-Structural Engineering Research Centre. CSIR-SERC is privileged to host the APCWE-VIII and is enthusiastic about conducting the same with full dedication to the cause of enhancing the knowledge of wind for the benefit of mankind and the environment.





APCWE-VIII aims to bring together everyone involved in research, exploration, design, analysis and monitoring of issues and problems in the field of wind engineering in a single platform for enhancing international collaboration by means of exchange of views and experiences, which will lead to successful international interaction.

CSIR-Structural Engineering Research Centre (CSIR-SERC), is a constituent national laboratory of the Council of Scientific and Industrial Research (CSIR), Government of India. CSIR-SERC has been making pioneering contributions in the field of advanced structural engineering, including analysis and design of wind-sensitive structures and cyclone disaster mitigation. The Centre has established a state-of-the-art boundary layer wind tunnel (BLWT) and

full-scale experimental facilities, with sophisticated instruments such as Particle Image Velocimetry (PIV) systems. Based on continued and concerted R&D efforts for more than two and a half decades, this Centre has significantly played a major role in the development of existing Indian Standard IS:875 (Part-3)-1987, which is presently under revision. In recent years, research efforts are also being focused on the emerging areas of Computational Fluid Dynamics (CFD) as applied to civil engineering structures, analytical studies on wind-induced fatigue, vortex-induced oscillations on circular structures etc., to unravel the complexities of wind flow dynamics and to develop simple predictive models useful for structural design applications.



The legacy of Asia-Pacific Conference on wind engineering starts with the first event held at Roorkee/India, moving on to Beijing/China, Hong Kong/China, Gold Coast/Australia, Tokyo/Japan, Seoul/Korea and Taipei/Taiwan. The APCWE conference is an international event regularly convened every four years under the umbrella of International Association for Wind Engineering (IAWE) and attended by wind engineering researchers and practitioners from around Asia and Pacific regions. Outcome of these conferences have led to fine tuning of the standards and wind engineering-related codes, policy changes and, as a whole, expanded the vistas of knowledge in the field of wind engineering.

## THOSE WHO CAN ATTEND...

Scientists, Academicians, Technologists, Architects and practicing Engineers who deal with planning, analysis, design and construction.

## CONFERENCE THEMES

- Aeroelasticity (AE)
- Bluff Body Aerodynamics (BBA)
- Boundary Layer Wind-tunnel Testing (BLWT)
- Bridge Aerodynamics (BA)
- Codes of Practice / International Standards on wind loads (CoP)
- Computational Fluid Dynamics (CFD)
- Field Measurements and Health Monitoring (FMHM)
- Low and High-rise Buildings (LHB)
- Urban Flow Dispersion Modeling (UFDM)
- Wind Engineering (WE)
- Wind Disaster Mitigation (WDM)
- Wind Energy and applications (WEg)
- Wind Environment / Human comfort (WEn)
- Wind-Structure Interaction (WSI)
- Wind Climate Assessment (WCA) & Climate Modeling (CM)
- Instrumentation and Control (IC)
- Atmospheric Modeling (AM)
- Case Studies (CS)
- Any other topic of relevance



# OFFICIAL LANGUAGE

The official language of the conference is **ENGLISH**

# CONFIRMED DELEGATES

- **Prof. Yukio Tamura**, *Japan*
- **Prof. Richard Flay**, *New Zealand*
- **Prof. Michael Kasperski**, *Germany*
- **Prof. Andrzej Flaga**, *Poland*
- **Prof. Partha P. Sarkar**, *USA*
- **Prof. Ahsan Kareem**, *USA*
- **Prof. Prem Krishna**, *India*

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**Michael Kasperski**, *Germany*

**Ming Gu**, *China*

**Nagesh R Iyer**, *India*

**Nayak R N**, *India*

**Niemann H J**, *Germany*

**Panneer Selvam R**, *USA*

**Partha P Sarkar**, *USA*

**Peter C King**, *Canada*

**Porey P D**, *India*

**Prem Krishna**, *India*

**Richard Flay**, *New Zealand*

**Rudiger Hoffer**, *Germany*

**Sergey Georgirvich Kuznetsov**, *Ukraine*

**Seshu P**, *India*

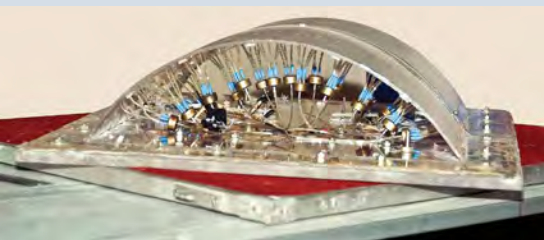
**Shuyang Cao**, *China*

**Ted Stathopoulos**, *Canada*

**William H Melbourne**, *Australia*

**Yaujun Ge**, *China*

**Yukio Tamura**, *Japan*



# LOCAL ORGANIZING COMMITTEE

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## PAPER SUBMISSION

### ABSTRACT

Please upload a four-page extended abstract at <http://apcwe8.serc.res.in>. Full contact information (name, affiliation, e-mail ID and Tel/Fax number) of the corresponding author must be provided in the body of the e-mail. Abstracts will be reviewed by the Technical Advisory Committee and the authors will be notified of acceptance of abstract.

### FULL-LENGTH PAPER

A maximum of 10-page full-length paper soft copy (in the form of MS office document and PDF) should be uploaded at <http://apcwe8.serc.res.in>.

Conference participants will be provided with a book of 4-page extended abstracts and a CD-ROM containing 10-page full-length papers.



## KEY DATES

<b>4- page extended abstract due</b>	<b>29<sup>th</sup> March 2013</b>
<b>Notification of acceptance</b>	<b>24<sup>th</sup> May 2013</b>
<b>Full-length paper and final version of extended abstract due</b>	<b>30<sup>th</sup> August 2013</b>
<b>Early Bird registration due</b>	<b>13<sup>th</sup> September 2013</b>
<b>Registration due for publication</b>	<b>4<sup>th</sup> October 2013</b>
<b>Online registration close</b>	<b>29<sup>th</sup> November 2013</b>
<b>Conference (On-Site Registration)</b>	<b>10-14<sup>th</sup> December 2013</b>

## REGISTRATION

The registration fees for participant delegates are listed in the table below:

### OVERSEAS

<b>Participant</b>	<b>On or before 13 Sept 2013</b>	<b>After 13 Sept 2013</b>
Regular	<b>US \$ 450</b>	<b>US \$ 500</b>
Full-time Student	<b>US \$ 225</b>	<b>US \$ 250</b>
Accompanying Person	<b>US \$ 150</b>	<b>US \$ 150</b>

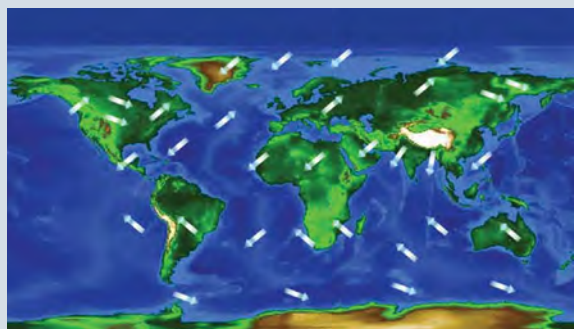
### SAARC COUNTRIES (figures in INR ₹)

<b>Participant</b>	<b>Fee</b>
Student	<b>₹2,000</b>
ISWE Member	<b>₹6,000</b>
Professional	<b>₹8,000</b>

As an author, the registration process will also refer to the title and ID number of the accepted paper, and each accepted paper must have one dedicated registration for the paper to be included in the proceedings.

The "REGULAR" or "FULL-TIME STUDENT" registration fee will cover all expenses for the official events during the conference, including conference package (proceedings and other accessories), ice-breaker reception, technical sessions, tea/coffee breaks, lunch banquet and social event/technical tour.

The "ACCOMPANYING PERSON" registration fee covers only the ice-breaker reception, banquet and social event/technical tour.



# ENCHANTING CHENNAI

Tamil Nadu constitutes the south-eastern extremity of Indian peninsula. Chennai is the capital city of the State, besides being an important district. The district city is one of the metropolis of India and serves as the gateway of the culture of South India. In spite of being the capital of a Tamil speaking State, it has emerged as a cosmopolitan city playing an important role in the historical, cultural and intellectual development of India, representing still the distinct components of the highest form of Dravidian civilization. In addition, it holds out an interesting fare of South Indian architecture, music, dance, drama, sculpture and other arts and crafts. Chennai is situated on the north-east end of Tamil Nadu on the coast of Bay of Bengal. It lies between 12° 9' of the northern latitude and 80° 12' and 80° 19' of the southern longitude on a sandy beach. It stretches nearly 25.60 kms along the Bay Coast. This is the second longest beach in the world. Located on the east coast of India, the city has rich cultural heritage, temple architecture and historic importance. The city is popular for its extreme treasure of tourist attractions. The temperature during the month of December will be a pleasant 20°C to 24°C.

## TRAVEL

Chennai has an International airport which is very well connected to all parts of the city. The venue and all other exciting details will be made available shortly on the website.

## CONTACT

**Dr. Nagesh R. Iyer**

*Chairman, APCWE-VIII, & Director*

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