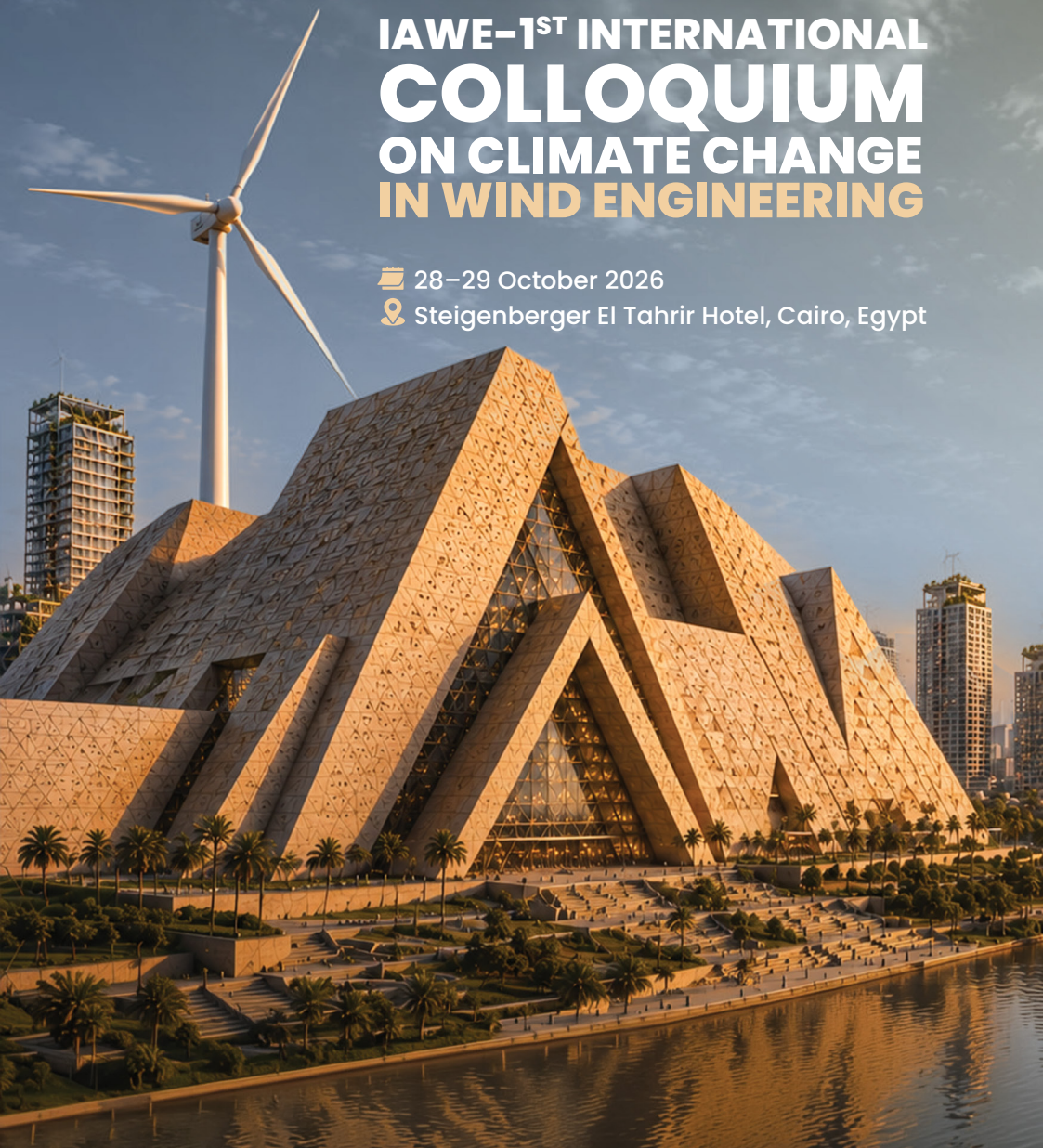
ICCWE 1st International Colloquium on Climate Change in Wind Engineering

IAWE-1ST INTERNATIONAL COLLOQUIUM ON CLIMATE CHANGE IN WIND ENGINEERING

28–29 October 2026

Steigenberger El Tahrir Hotel, Cairo, Egypt



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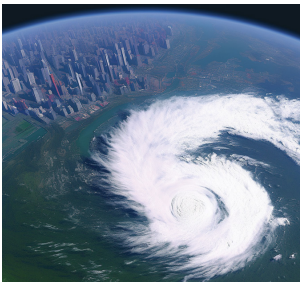
About the Conference



In light of increasing climate extremes, the impact of wind on structures and infrastructure has become an escalating concern worldwide. In response to this emerging challenge, the International Association for Wind Engineering (IAWE) has established its first dedicated Working Group: "Equitable Response to Wind Climate Change: Impacts, Adaptations, and Mitigations." This initiative is co-led by Professor Teng Wu (University at Buffalo, USA) and Professor Hassan Hemida (University of Birmingham, UK).

Under the auspices of the IAWE, and in collaboration with the National Research Center (NRC) in Egypt, the Working Group is organising its inaugural international colloquium. This event will bring together leading researchers, industry experts, and practitioners from around the world to address key challenges and opportunities in the field. This colloquium represents two significant milestones:

– It is the first IAWE event specifically dedicated to climate change and actionable responses

– It is the first IAWE event to be held on African soil

Important Deadlines

Abstract Submission Deadline (max 300 words)	**30 June 2026**
Notification of Acceptance	**7 July 2026**
Early Bird Registration	**15 July 2026**

Submission of abstract is now open at **www.ICCWE.com**

Key Themes

I. The impact of climate extremes on wind patterns and wind speeds

II. Implications for the design and operation of structures and infrastructure

III. Climate resilience, adaptation, and mitigation strategies

IV. Emerging technologies supporting wind climate assessment and prediction

V. Consequences for wind energy systems and performance

VI. Consequences for extreme windstorms (hurricanes, thunderstorms, tornadoes, and others)

VII. Consequences for material properties and structural performance (degradation, durability, and others)

Committees

Organising committee

- Professor Hassan Hemida (Co-Chair, University of Birmingham, UK)
- Professor Hosam El Nazer (Co-Chair, NRC, Egypt)
- Professor Teng Wu (Member, University at Buffalo, USA)
- Professor Maged Mahmoud (Member, RCREEE, Egypt)
- Dr Cornelia Kalender (Member, Ruhr Universitat Bochum, Germany)
- Miss Israa Sami (Member, Last consultancy, Egypt)

International advisory board

- **Chair: Claudio Borri** (Italy)
- **Ahsan Kareem** (USA)
- **Gregory Kopp** (Canda)
- **Girma Bitsuamlak** (Canada)
- **Matthew Mason** (Australia)
- **Tim K.T. Tse** (Hong Kong)
- **Clara Garcia-Sanchez** (Holand)
- **Seymour MJ Spence** (USA)
- **Qingshan Yang** (China)
- **Rüdiger Höffer** (Germany)
- **Ileana Calotescu** (Romania)
- **Yukio Tamura** (Japan)

Registration Fees

Category	Early Bird 15 July 2026	Regular
Industry / Academia - Non Egyptian	$350	$450
Ph.D. Students | Non-Egyptian	$200	300

Security statement

Egypt remains a stable and well-established destination for international academic, business, and tourism activities, welcoming millions of visitors each year. The current political and security situation in the country is stable, and there are presently no travel restrictions to Cairo issued by governments. The ongoing conflict in the Middle East is geographically distant from Egypt, and Egypt is not directly involved in the regional conflict. Major cities and tourist destinations, including Cairo and Giza, continue to operate normally and regularly host international conferences, events, and visitors from around the world. Based on the current situation, there are no indications that this is expected to change.

For more Information about the Conference
Please visit the website:
www.ICCWE.com

Post Conference Visits

The Grand Egyptian Museum

National Museum of Egyptian Civilization

Nile River

Al-Muizz Street, Al-Hussein Mosque, and Khan el-Khalili.

ICCWE

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www.iccwe.com
info@lastconsultancy.com
+201044748800

Sponsored By:

International Association for Wind Engineering

AWE Advances in Wind Engineering

In collaboration with:

UNIVERSITY OF BIRMINGHAM

University at Buffalo The State University of New York WindHub

RCREEE Regional Center for Renewable Energy and Energy Efficiency المركز الإقليمي للطاقة المتجددة وكفاءة الطاقة

Organized By:

LAST. CONSULTANCY