

Keynote Speakers

- Dr. Abdulaziz Ali Al Mashikhi, MAF, Oman
Dr. Atef Badr, MTC, Oman
Prof. Dominic Reeve, Uni of Swansea, UK
Dr. Hazim El-Naser, MEWF, Jordan
Prof. Jean Venables, Past President of ICE, UK
Prof. John Williams, Uni of Portsmouth, UK
Dr. Marlene Ann Tomaszkiwicz, UN PICCAR, UK
Dr. Said Al Ismaili, SQU, Oman
Prof. Yunqing Xuan, Uni of Swansea, UK

Themes

Papers are invited on the following themes:-

1. Water and Wastewater Treatment
2. Water Resources Management
3. Water Distribution Systems and Water Loss
4. Sustainability and Energy Efficiency
5. Reclamation, Recycling and Reuse
6. Regulations, Policies and Governance
7. Design and Construction of Water Infrastructure
8. Costs and Decision Making
9. Mathematical Modelling and Simulation

Sponsors & Supporting Organizations



International Technical Editors

Dr. Atef Badr (Chair)

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Prof. Jean Venables

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International Scientific Committee

- Dr. Atef Badr, MTC, Oman (Chair)
Prof. Jean Venables, Past President of ICE, UK (Co-Chair)
Prof. Dominic Reeve, Uni of Swansea, UK (Co-Chair)
Dr. Abdulaziz Ali Al Mashikhi, MAF, Oman
Dr. Abdul Rahim Al Ismaili, SQU, Oman
Dr. Abideen Ganiyu, MTC, Oman
Dr. Alaba Boluwade, SQU, Oman
Dr. Ali Al-Maktoomi, SQU, Oman
Dr. Ali Salim Al-Alawi, PDO, Oman
Prof. Dawei Han, Uni of Bristol, UK
Dr. Evan Paleologos, Abu Dhabi Uni, UAE
Dr. Georges Vachaud, CNRS, France
Prof. John Williams, Uni of Portsmouth, UK
Dr. Marlene Ann Tomaszkiwicz, UN PICCAR, UK
Engr. Khamis Alsouli, OSE, Oman
Engr. Majid Al-Jahdhami, MTC, Oman
Prof. Martin Tillotson, Leeds Uni, UK
Dr. Mohammed Abdelfattah Soliman, MTC, Oman
Dr. Morsaleen Chowdhury, MTC, Oman
Dr. Putu Mandiartha, MTC, Oman
Dr. Ralf Klingbeil, Federal Institute G&NR (BGR), Germany
Mr. Raman Mangabhai, ICT, UK
Dr. Rashid Yahya Al Abri, MAF, Oman
Dr. Said Al Ismaili, SQU, Oman
Dr. Salim Ali Al Mamary, OWS, Oman
Dr. Talal Al-Housni, SQU, Oman
Dr. Tariq Salim Al-Rasbi, MODES, Oman
Prof. Yunqing Xuan, Uni of Swansea, UK



وزارة الثروة الزراعية والسمكية وموارد المياه

OICWE 2020

Oman's International Conference on
Water Engineering and Management of Water Resources
Toward a Sustainable Water Future

Department of Civil Engineering & Quantity Surveying
Military Technological College
Sultanate of Oman

9-11 Nov 2021

Online

<https://oicwe2020.com>

مؤتمر عمان الدولي لهندسة وإدارة مصادر المياه
نحو مستقبل مستدام للمياه
الكلية العسكرية التقنية
مسقط - سلطنة عمان



الهيئة العامة للغذاء والدواء
OMAN POWER AND WATER MANAGEMENT CO. (OPWC)

Sultanate of Oman

Oman is a great nation located on the Arabian Peninsula. It has terrain encompassing desert, riverbed oases and long coastlines on the Arabian Sea and Gulf of Oman. The port capital, Muscat, is home to the massive, contemporary Sultan Qaboos Grand Mosque, and the old waterfront Muttrah quarter, with its labyrinthine souk and busy fish market. Oman is known for its popular tourist attractions. Wadis, deserts, beaches, and mountains are areas which make Oman unique to its neighbouring nations of the Gulf Cooperation Council (GCC). Jebel Shams is Oman's tallest mountain, highest point, and is a popular destination for camping. Other popular tourist activities include sand skiing in the desert, mountain-climbing, camel racing, and camping.



Nizwa Fort



Royal Opera House, Muscat



MTC Campus

*Photos and tourism information are courtesy of Oman Tourism
<https://omantourism.gov.om>

Military Technological College (MTC)

The creation of the Military Technological College (MTC) presented an excellent opportunity for young graduates to embark on a first rate career in engineering. MTC graduates contribute to one of His Majesty's Services as expert technologists at this most exciting time, with advanced technological developments of Oman's aeronautical, naval and ground forces and of the national infrastructure.



Department of CE&QS

The Department of Civil Engineering and Quantity Surveying (CE&QS) at MTC focuses on thinking innovatively to address global issues while being extremely acting to suit the local environment and culture of Oman.

In 2017, the Department of CE&QS organized the first international conference at MTC in collaboration with the Institute of Concrete Technology (ICT), UK; the 1st International Conference on Cement & Concrete Technology. The proceedings of the conference was published in a very fine book, named "Concrete for the Modern Age", produced with astonishing quality. The conference attracted extensive media coverage on national and international news as well as Oman TV. More than 200 delegates from over 20 countries enjoyed about 50 original papers presented on seven themes.



Opening Ceremony of 2017 Conference at MTC

The Conference

The conference is organised by the Department of Civil Engineering and Quantity Surveying at MTC, Oman. It provides an excellent platform to exchange both scientific and practical information in a pleasant atmosphere.

Papers are peer-reviewed and the OICWE2020 proceedings will be published by the ICE Publisher (Thomas Telford Ltd) in conventional (*Hard-bound Colour Book*) and electronic formats. The papers will be available on the ICE Virtual Library as open-access under CC-BY licenses. The book has been assigned international ISBN (978-0-7277-6525-3) and Eisbn (978-0-7277-6526-0). The papers will be indexed on Engineering Village and other international indexes.

High profile organisations are sponsoring and supporting the conference. Most notably the Institution of Civil Engineers (ICE, UK) and Oman Society of Engineers (OSE). In addition, a wide international interest is expected.

Due to the current COVID-19 pandemic and restrictions of travel, it has been decided to conduct the conference as an **online event**. Accordingly, the fees has been reduced significantly to promote maximum participation.

Key Dates (New, Updated, Final)

Submission of Draft Full Papers:	18 June 2021
Paper Acceptance:	21 June 2021
Final Papers, Camera Ready:	28 June 2021

Fee (Omani Rials)

(excludes accommodation and travel)

Fee (Omani Rials)	Before 31 July 2021	After 31 July 2021
Author (Presenting)*	50	60
Delegate*	60	70
Student (Omani)**	Free	10

* Author's and Delegate's fees include the Proceedings Book.. (Hard bound Colour Book, published by ICE, Thomas Telford).

** Proof of student status will be required. Fees for Students **do not** include the conference Proceedings Book.

*** Extra Proceedings Books could be purchased separately for 20 Omani Rials, per copy.

Contact Us

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