



Forum

Technical Forum on Concrete Sustainability

Organized By



American Concrete Institute
Always advancing



KING FAHD UNIVERSITY OF PETROLEUM & MINERALS
College of Design and Built
Environment



American Concrete Institute
Saudi Arabia Chapter
Eastern Province



Sponsored By



8:00 AM
2:45 PM



15 December 2022



Bldg. 60

Registration



About the Forum

Organized by The Concrete & Construction Association (CCA) in collaboration with the American Concrete Institute (ACI-SAC) and KFUPM/IRC-CBM. The forum will be a venue for sharing knowledge and expertise about the latest strategies, technologies and advancements in the field of Concrete Sustainability.



Opening Session



Dr. Ali Al-Shaikhi

Vice President of Research and Innovation,
King Fahad University of Petroleum and Minerals



Mr. A. F. Ali Almogbil

Director General,
Ministry of Human Resources
and Social Development



Engr. Abdulla Al-Humaid

Manager,
Consulting Services Department, Saudi Aramco



Dr. Ahmad S Al-Gahtani

Chairman of the Board,
Concrete and Construction Association



Speakers



Dr. Charles Nmai

PE, M. ASCE, FACI - President, American Concrete Institute, USA, Head of Engineering, Master Builders Solutions Admixtures, USA



Dr. Khaled Nahlawi

PE, Distinguished Engineer, American Concrete Institute, USA



Engr. Zeno-Gunther DAN

Regional Business Development Manager, SIKA EMEA



Dr. Muhammed K. Rahman

Research Engineer, IRC for Construction and Building Materials (IRC-CBM), KFUPM.



Speakers



Engr. Ahmad Farid Taha

Technical/R&D Manager
Al Kifah Ready Mix & Blocks (KRB)



Engr. M. Al-Salloum

Non-metallic engineer,
Saudi Aramco



Mr. Ahmad Mhanna

ACI Middle East Regional Director,
American Concrete Institute, USA




Mr. John Nehasil

Managing Director, Certification,
American Concrete Institute, USA



Schedule

Thursday, December 15, 2022

 08:00 - 09:00

Registration

 09:00 - 09:30


Opening Session

Dr. Ali Al-Shaikhi, Vice President of Research and Innovation, KFUPM

Mr. Abdulrahman Fahad Ali Almogbil, Director General, Ministry of Human Resources and Social Development.

Engr. Abdulla Al-Humaid, Manager, Consulting Services, Saudi Aramco

Dr. Ahmad S Al-Gahtani, Chairman of the Board, Concrete and Construction Association

 09:30 - 10:00


ACI Update: New Initiatives for Advancing the Concrete Industry

Dr. Charles Nmai, PE, M. ASCE, FACI - President, American Concrete Institute, USA, Head of Engineering, Master Builders Solutions Admixtures, USA

 10:00 - 10:30

Introduction to ACI Center of Excellence for Carbon Neutral Concrete

Dr. Khaled Nahlawi, PE, Distinguished Engineer, American Concrete Institute, USA

 10:30 - 10:45

Coffee Break

 10:45 - 11:15

Sustainable Concrete and Concrete Repair and Protection- The Impact in Construction

Engr. Zeno-Gunther DAN, Regional Business Development Manager, SIKA EMEA.



Schedule



11:15 – 11:45

Resilience and Sustainability of Concrete Structures with FRP Reinforcement

Dr. Muhammad K. Rahman, Research Engineer, Interdisciplinary Research Center for Construction and Building Materials (IRC-CBM), KFUPM.



11:45 - 12:15

Prayer



12:15 - 12:45

The path to a new generation of high sustainable concrete

Engr. Ahmad Farid Taha, Technical/R&D Manager Al Kifah Ready Mix & Blocks (KRB)



12:45 - 01:15

Use of Nonmetallics as Catalyst toward Sustainable and Carbon Neutral Materials in Construction

Engr. Mohammed Al-Salloum, Non-metallic engineer, Saudi Aramco



01:15 - 01:35

Sustainability and the ACI Building Code: Plans for the 2025 Edition of ACI 318

Mr. Ahmad Mhanna, ACI Middle East Regional Director, American Concrete Institute, USA



01:35 - 02:00

ACI Certification

Mr. John Nehasil, Managing Director, Certification, American Concrete Institute, USA

