

2nd ADU-ASU Research Forum 2021 (Virtual)

17 - 18 May 2021

Concrete in Hot Weather: Design for Sustainability and Service Life

[Click Here to join the first day](#)



[Click Here to join the second day](#)



The second round of the Forum will follow the success of the first round that was held at Abu Dhabi University in June 2019. The Forum is being jointly organized by the College of Engineering at Abu Dhabi University (ADU) and the School of Sustainable Engineering and the Built Environment at Arizona State University (ASU). The forum is in strategic partnership with Abu Dhabi Municipality and supported by the American Society of Civil Engineering (ASCE) and several pioneering construction companies. It will provide an opportunity for scientists and engineers engaged in research and development to meet and discuss topics related to hot weather concreting in the areas of structures, materials, and geotechnical engineering. Topics related to concrete durability and service life will also be discussed and presented through distinguished keynote lectures and technical and industrial sessions. The Forum will be open to the public to, other universities, and industry.



Day 1 - 17 May 2021

9am - 12.20pm

To join click here 

Time	Activite	Speakers
9am	Forum Opening Remarks	Dr. Samer Al Martini - Forum Chair, Associate Professor, Abu Dhabi University
9.05am	Abu Dhabi University Welcome Note	Prof. Thomas Glas-Hochstettler - Provost, Abu Dhabi University
9.15am	ADU College of Engineering Opening Remarks	Dr. Hamdi Sheibani - Dean of the College of Engineering, Abu Dhabi University
9.20 – 10.20am	Keynote Sessions	
9.20am	Material Design strategies for Enhanced Durability and Service Life	Prof. Narayanan Neithalath -Professor, Arizona State University
9.50am	Future World Vision Floating City	Dr. Elias Al Sayah - ASCE Director Region 10
10.20-11.00pm	Session 1: Technical Sessions	
10.20am	Analytical, Experimental, and Quantitative Aspects of Moisture Transport and Shrinkage Cracking	Prof. Barzin Mobasher - Professor, Arizona State University
10.40pm	Hot Weather Concreting Challenges and Sustainable Practices	Dr. Samer Al Martini - Associate Professor, Abu Dhabi University
11.00 - 11.10 am	Break	
11.10am - 12.10pm	Session 2: Industrial Presentations	
11.10am	Development of Concrete Mixes Specifications for Roads and Bridge Works in Abu Dhabi City Municipality in the last 25 Years	Eng. Eiman Khamis Alhammadi - Material Engineering Section, Abu Dhabi Municipality
11.30am	3D Printing in the GCC: Challenges and Solutions	Eng. Gary Boon - Technology Manager - Area Middle East, Sika Middle East Services, UAE
11.50am	Adopted Practices in the UAE for Sustainable Concrete	Eng. Ahmad Khartabil, MEng. Civil Engineering, ADU, Technical Manager, TransGulf Ready Mix Company
12.10-12.20pm	Closing Remarks	

7.30pm to 8.30pm

ADU ASU COE Graduate Students Meeting

Day 2 - 18 May 2021

9am – 11.20pm

To join click here 

Time	Activite	Speakers
9am	Forum Day 2 Opening Remarks	Dr. Samer Al Martini - Forum Chair, Associate Professor, Abu Dhabi University
9.10 - 10.40am	Keynote Sessions	
9.10am	Serviceability Based Design of Structural Concrete	Prof. Barzin Mobasher - Professor, Arizona State University
9.40 – 10.20am	Session 1: Technical Session and Presentations	
9.40am	Concrete Mix Selection for Sustainability	Dr. Reem Sabouni - Forum Co - Chair, President ASCE UAE Section, Associate Professor, Abu Dhabi
10am	Sustainable Approach for Estimating Rheological Properties of Superplasticized Cement Paste at High Temperature and Prolonged Mixing	Eng. Ahmad Khartabil, MEng. Civil Engineering, ADU, Technical Manager, TransGulf Ready Mix
10.20 - 10.30pm	Break	
10.30 - 11.10am	Session 2: Industrial Presentations	
10.30am	Extending Service Life by Utilizing Corrosion Inhibitors	Eng. Shadi Hindaileh - PE (Tentative Dubai Municipality/ Cortec)
10.50am	The Effects of Warm Weather on the Use of Concrete in Roads and Infrastructure Construction Projects - Abu Dhabi	Eng. Khalifa Abdulla Alqemzi - Transportation and Infrastructure Department, Abu Dhabi Municipality
11.10 - 11.20am	Closing Remarks	

7.30pm to 8.30pm

ADU ASU COE Faculty Meeting



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College of Engineering
Civil Engineering Department



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Industrial Collaborators



BUILDING TRUST



MIDDLE EAST
Environmentally Safe VpCl/MCJ Technologies

Organizing Committee

From ADU

Dr. Samer Al Martini - Forum Chair, Associate Professor, Abu Dhabi University

Dr. Reem Sabouni - Forum Co - Chair, President ASCE UAE Section, Associate Professor, Abu Dhabi

Eng. Ahmad Khartabil - Eng. Ahmad Khartabil, MEng. Civil Engineering, ADU, Technical Manager, TransGulf Ready Mix

From ASU

Dr. Barzin Mobasher - Professor, Arizona State University (ASU)

Dr. Narayanan Neithalath - Professor, Arizona State University (ASU)