

# 2ND NSF Sustainable Smart Cities International Workshop

June 11<sup>th</sup> – 13<sup>th</sup>, 2019 – Cairo Marriott Hotel

## AGENDA

### Tuesday, June 11 – Workshop Day 1

<b>9:00 am – 9:30 am</b>	<b><u>REGISTRATION</u></b>
<b>9:30 am – 10:15 am</b>	<b><u>WELCOME AND WORKSHOP INTRODUCTION</u></b> <ul style="list-style-type: none"> <li>➤ <b>Dr. Paul Filmer</b> NSF Program Director</li> <li>➤ <b>Dr. Fouad H. Fouad</b> Professor and Chair, Civil, Construction and Environmental Engineering at The University of Alabama at Birmingham</li> </ul>
<b>10:15 am – 10:45 am</b>	<b><u>OPENING REMARKS</u></b> <ul style="list-style-type: none"> <li>➤ <b>Dr. Essam ElKordi</b> President, Alexandria University</li> <li>➤ <b>Dr. Khalid El-Zahaby</b> Chairman, Housing &amp; Building National Research Center</li> </ul>
<b>10:45 am – 11:15am</b>	<b>COFFEE BREAK</b>
<b>11:15 am – 1:00 pm</b>	<b><u>REMARKS AND INTRODUCTION OF SPEAKERS</u></b> <ul style="list-style-type: none"> <li>➤ <b>Dr. Nasser Darwish</b></li> </ul> <b><u>KEYNOTE SPEAKERS</u></b> <ul style="list-style-type: none"> <li>➤ <b>Dr. Sahar Attia (Egypt)</b> “Smart Sustainable Cities within the Egyptian Context and Strategies” (30 minutes)</li> <li>➤ <b>Dr. Alaa El- Zawahry (Egypt)</b> “Sustainable Water Management in Egypt – Background and Current Initiatives” (30 minutes)</li> <li>➤ <b>Dr. Wagida Anwar (Egypt)</b> “Healthy Cities Initiatives in Egypt” (30 minutes)</li> </ul>

<b>1:00 pm – 2:00 pm</b> <span style="float: right;"><b>LUNCH</b></span>	
<b>2:00 pm – 2:15 pm</b>	<b><u>WORKING GROUPS ORIENTATION</u></b> ➤ <b>Dr. Fouad H. Fouad</b>
<b>2:15 pm – 3:30 pm</b>	<p style="text-align: center;"><b>WORKING GROUPS – SESSION 1</b> <b><u>Identification of Issues</u></b></p> <p><i>What are the major issues confronting Egypt and the Middle East in each theme area? What initiatives currently exist to address them?</i></p> <ul style="list-style-type: none"> <li>➤ <b>Sustainable Water Management in Arid Regions</b></li> <li>➤ <b>Informal Settlements and Sustainable Housing</b></li> <li>➤ <b>Urban Health and Well-Being</b></li> </ul>
<b>3:30 pm – 4:00 pm</b> <span style="float: right;"><b>COFFEE BREAK</b></span>	
<b>4:00 pm – 5:15 pm</b>	<p style="text-align: center;"><b>WORKING GROUPS – SESSION 2</b> <b><u>Needed Research</u></b></p> <p><i>What gaps in knowledge exist and what research is needed to effectively address the major issues identified in Session 1?</i></p> <ul style="list-style-type: none"> <li>➤ <b>Sustainable Water Management in Arid Regions</b></li> <li>➤ <b>Informal Settlements and Sustainable Housing</b></li> <li>➤ <b>Urban Health and Well-Being</b></li> </ul>
<b>5:15 pm – 5:30 pm</b>	<b><u>CLOSING REMARKS – DAY 1</u></b> ➤ <b>Dr. Fouad H. Fouad</b>

**6:30 PM – WORKSHOP RECEPTION AT MARRIOTT HOTEL, VERDI SALON**

## Workshop Agenda – DAY 2

### Wednesday, June 12 – Workshop Day 2

<b>9:00 am – 9:30 am</b>	<b><u>REGISTRATION</u></b>
<b>9:30 am – 9:45 am</b>	<b><u>WELCOME DAY 2</u></b> <ul style="list-style-type: none"> <li>➤ Dr. Fouad H. Fouad</li> </ul>
<b>9:45 am – 10:30 am</b>	<b><u>REPORTS FROM WORKING GROUPS AND DISCUSSION</u></b> <i>Each working group provides a 10 minute summary of deliberations from Day 1 to the plenary group. Discussion will follow.</i>  <ul style="list-style-type: none"> <li>➤ <b>Sustainable Water Management in Arid Regions (10 min)</b></li> <li>➤ <b>Informal Settlements and Sustainable Housing (10 min)</b></li> <li>➤ <b>Urban Health and Well-Being (10 min)</b></li> </ul>
<b>10:30 am – 12:00 pm</b>	<p style="text-align: center;"><b>WORKING GROUPS – SESSION 3</b> <b><u>The Role of Government</u></b></p> <p><i>What is the role of government in promoting sustainability initiatives? How are projects currently prioritized? Discuss models that would create more synergy between government, researchers, and practitioners. Suggest improved frameworks for evaluating and prioritizing projects.</i></p> <ul style="list-style-type: none"> <li>➤ <b>Sustainable Water Management in Arid Regions</b></li> <li>➤ <b>Informal Settlements and Sustainable Housing</b></li> <li>➤ <b>Urban Health and Well-Being</b></li> </ul>
<b>12:00 pm – 12:30 pm</b> <b>COFFEE BREAK</b>	
<b>12:30 pm – 2:00 pm</b>	<p style="text-align: center;"><b>WORKING GROUPS – SESSION 4</b> <b><u>Opportunities for Collaboration</u></b></p> <p><i>Develop a list of potential research and implementation collaborations between Egyptian and U.S. participants. Identify collaborators, potential funding sources, and expected impacts.</i></p> <ul style="list-style-type: none"> <li>➤ <b>Sustainable Water Management in Arid Regions</b></li> <li>➤ <b>Informal Settlements and Sustainable Housing</b></li> <li>➤ <b>Urban Health and Well-Being</b></li> </ul>



## Workshop Agenda – DAY 3

### Thursday, June 13 – Workshop Day 3

<b>9:00 am – 9:30 am</b>	<b><u>REGISTRATION</u></b>
<b>9:30 am – 9:45 am</b>	<b><u>WELCOME DAY 3</u></b> ➤ Dr. Fouad H. Fouad and Dr. Paul Filmer
<b>9:45 am – 11:30 am</b>	<b><u>WORKING GROUPS FINAL REPORTS – SESSION 6</u></b>  <i>Working groups meet to summarize discussions, findings, and recommendations from Day 1 and Day 2. Each group will develop a final report based on a template provided.</i>  ➤ Sustainable Water Management in Arid Regions ➤ Informal Settlements and Sustainable Housing ➤ Urban Health and Well-Being
<b>11:30 am – 12:00 pm</b>	<b>COFFEE BREAK</b>
<b>12:00 pm – 2:15 pm</b>	<b><u>WORKSHOP DISCUSSION AND NEXT STEPS – ALL</u></b> ➤ Moderated by Dr. Khaled Yousri, Dr. Paul Filmer and Dr. Fouad H. Fouad
<b>2:15 pm – 2:30 pm</b>	<b><u>CLOSING REMARKS</u></b> ➤ Dr. Fouad H. Fouad and Dr. Paul Filmer
<b>Afternoon and Evening</b>	<b><u>DEPARTURE</u></b> Participants depart to the airport the evening of June 13 <sup>th</sup> or the morning of June 14 <sup>th</sup>