



Sustainable Urban Planning & Climate Resilience

19th of December 2018

9:00	Registration	
Welcome note Moderation: Yaman Al-Sayed		
9:30	Prof. Dr. Sahar Sodoudi , Freie Universität Berlin German Embassy (tbc) DAAD (tbc) Hoda El Mahgoub, Head of the FU-Liaison Office in Cairo	
10:00	Prof. Dr. Sahar Sodoudi <i>Freie Universität Berlin</i> <i>Department of Urban Climate</i>	Outcome of the Project “Sustainable Urban Planning through Establishment of Urban Climate Labs in Egypt”
10:30	Coffee break	
Outcome of the Cooperation for partner Universities Moderation: Dr. Forough Sodoudi First Year: Cairo and Aswan University		
10:45 – 11:10	Dr. Tarek El Seoud <i>Cairo University, Department of Environmental planning</i>	Towards Sustainability: Smart Cities in the Egyptian Environment
11:10 – 11:35	Dr. Hatem Fathi <i>Aswan University</i> <i>Department of Architecture</i>	
Second year: Assiut and Ain Shams University		
11:35 – 11:55	Dr. Amr Sayed <i>Assiut University, Department of Architectural Engineering</i>	Benefit of Urban Climate Lab for Outdoor Thermal Comfort and Low Energy Building in Assiut University
11:55 – 12:20	Wesam Elbardisy & Mai Marzouk <i>Ain Shams University, Department of Architecture</i>	
Third year: Helwan and Alexandria University		
12:20 – 12:45	Manar Mohammed & Sara Ibrahim <i>Alexandria & Helwan University</i> <i>Department of Architecture & Architectural Engineering</i>	The Outcome of the 3 rd year training at FU-Berlin
12:45 – 13:10	Prof. Mohamed Alaa Mandour <i>Helwan University, Department of Architectural Engineering</i>	



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Climate Change impacts in MENA Region Moderation: Dr. Ines Langer		
13:10 – 13:35	Dr. Kareem Tonbol <i>Arab Academy for Science, Technology & Maritime Transport, Alexandria, Department of Geography</i>	Impact of Sea Level Rise due to Climate Change on Coastal Zones
13:35 – 13:55	Dr. Ghazi Al-Rawas <i>Sultan Qaboos University, Department of Civil and Architectural Engineering</i>	Climate Change and Extreme Events Modelling in Arid Regions
13:55 – 14:20	Dr. Malik Al-Wardy <i>Sultan Qaboos University, Department of Soil, Water and Agricultural Engineering</i>	Land Degradation in a Mountain Ecosystem
14:20 – 14:55	Dr. Talal Al-Awadhi <i>Sultan Qaboos University Department of Geography</i>	Contribution of Geography Department at SQU towards Climate Change Issues
14:55 – 15:25	Lunch Break	
Climate Change Adaption at micro/urban scale and related indicators Moderation: Yaman Al-Sayed		
15:25 – 15:50	Prof. Sahar Sodoudi <i>Freie Universität Berlin Department of Urban Climate</i>	Indicators to Evaluate the Climate Change Adaption Strategies
15:50 – 16:15	Matthias Straka <i>Freie Universität Berlin Department of Urban Climate</i>	Climate Change Adaption at Urban Scale (Case Study New Aswan)
16:15 – 16:40	Nada Al-Amir <i>TU Berlin Campus El Gouna Department of Urban Development</i>	Climate Change Adaption Strategies at Microscale (Case Study New Aswan)
16:40 – 17:05	Dr. Ines Langer <i>Freie Universität Berlin Department of Urban Climate</i>	Human Thermal Comfort in different Local Climate Zones
17:05 – 17:30	Prof. Ines Carstensen <i>SRH Hochschule, Sustainability and Innovation management in Tourism</i>	Future Destinations – Innovation Hub El Gouna



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Education/Universities & Regional planning Moderation: Dr. Forough Sodoudi		
9:30 – 9:55	Hoda El Mahgoub <i>Freie University Berlin, Cairo Office</i>	Freie Universität Berlin – International Network University
9:55 – 10:20	Dr. Shimaa Ahmed <i>Suez Canal University Department of Architecture and Urban Development</i>	Future Development Perspectives in Suez Canal Region
Sustainable Urban & Landscape Design/Thermal comfort Moderation: Matthias Straka		
10:20 – 10:45	Dr. Mona Elwazir <i>Mansoura University Department of Architecture</i>	The Role of photovoltaic Processors as an Approach to Sustainable Urban Design of neighborhood
10:45 – 11:10	Prof. Lamis Elgizawi <i>Mansoura University Department of Architecture</i>	The Effect of Developing the Landscape Architecture to sustain the Human Comfort – Mansoura University Campus
11:10 – 11:35	Sara Ibrahim <i>Helwan University Department of Architectural Engineering</i>	Augment the dynamism of Urban Form Using Microclimate Models
11:35 – 12:00	Dr. Wael Sheta <i>Al-Azhar University Department of Architecture</i>	Place and Public Health: Architecture and Well-Being Relationship
12:00 – 12:25	Dr. Nihal Al Sabbagh <i>Nile University Department of Architecture and Urban Design</i>	Improving Outdoor Thermal Comfort in Hot Arid Climate Cities
12:25 – 12:50	Dr. Ahmed Radwan <i>Helwan University Department of Architecture</i>	Towards a better Environmental Performance of Urban Public Spaces in Egypt, New Cities as case Study
12:50 – 13:15	Dr. Abdelaziz Mohamed <i>Arab Academy for Science, Technology & Maritime Transport South Valley Department of Architectural Engineering & Environmental Design</i>	Upgrading the Nile Corniche and Ancient Touristic Market in Aswan City
13:15 – 13:45	Lunch break	



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Sustainable Buildings & Communities Moderation: Nada Al Amir		
13:45 – 14:10	Dr. Khaled Tarabieh <i>American University Cairo Department of Architecture</i>	Evaluation of Hardscape and Building Facade Materials for a University Campus in a Desert Environment
14:10 – 14:35	Dr. Khalid Al-Hagla <i>Alexandria University Department of Architecture</i>	Towards Environmentally Responsive Architecture: A framework for Biomimic Design of Building's Skin
14:35 – 15:00	Dr. Chaham Al-Alouch <i>Sultan Qaboos University Department of Civil and architectural Engineering</i>	Towards Energy Efficient-Hose in hot Climates: the case of Oman
15:00 – 15:25	Prof. Amaal Aldeberky <i>Minia University Department of Architecture & Environmental Controlling</i>	Sick and Healthy Buildings
15:25 – 15:50	Dr. Nancy Badawy <i>Portsaid University Department of Architecture & Urban Planning</i>	Mutual influence of HVAC System and Thermal Outdoor Spaces
15:50 – 16:15	Dr. Hesham Safwat <i>British University Egypt (BUE) Department of Mechanical Engineering</i>	Applying Green projection on ASHRAE Standards
16:15 – 16:40	Dr. Nader Gharib <i>Arab Academy for Science, Technology & Maritime Transport (AASTMT) – Port Said Department of Architectural Engineering</i>	The Impact of Using Triangular Shapes on the Nubian and Najdi Architectural Composition
16:40 – 17:05	Dr. Ahmed Rashed <i>British University Egypt (BUE) Department of Architecture</i>	Building the Man and Communities for the Desert: Case study of Developmental Corridor (Farouk El Baz)
17:05 – 17:30	Closing	