IEREK - GREEN URBANISM CONFERENCE

2nd edition:

"The Periphery as a Catalyst for Energy and Skills"

5-6 December 2018

UNIVERSITY OF ROMA TRE- Department of Architecture

Argiletum
via Madonna de Monti 40
ROME

Mourad Amer, Chief Executive Officer & Founder, IEREK
Abdelaziz Sakr, General Director, IEREK

Chairperson
Prof. Ferdinando Trapani
Urban Planning Department of Architecture Polytechnic School University of Palermo, Italy

Guest Editors
Prof. Antonella Falzetti
Department of civil & computer Engineering, University of Tor Vergata, Italy.
Prof. Luciano De Bonis
Associate Professor of Urban and Regional Planning Technique, Università degli Studi del Molise, Italy.
Prof. Fabio Naselli
Department of Architecture, Faculty of architecture and Engineering at Epoka University in Tirana.
Prof. Lucia Nucci
Department of Architecture, University of Roma Tre, Italy
Day 1 – Wednesday 5 December 2018

Venue: Department of Architecture - Argiletum via Madonna dei Monti 40, ROME Great Hall

08:30-09:30 – Registration of participants

09:30-10:30 – Opening Session

Ferdinando Trapani
Associate Professor of Urban Planning
Department of Architecture - Polytechnic School
University of Palermo, Italy

Mourad Amer
Chief Executive Officer & Founder, IEREK

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General Director, IEREK

Lucia Nucci
Associate Professor of Urban and Regional Planning
Department of Architecture
University of Roma Tre, Italy

11:00- 11:30 Keynote Speaker
Chaham Alalouch
Assistant Professor in Architecture Engineering
Sultan Qaboos University, Oman

11:30-12:00 Coffee Break

12:30-13:30 - Plenary Session

Session 1 (a): GOVERNANCE AND EDUCATION FOR SUSTAINABLE CITIES
Session Moderators: Lucia Nucci, Fabio Naselli

1. Agrarian Urbanism: the possibilities of urban agriculture in Mexico City- Marisol Romero-Magallán
2. Boosting Rural Areas Revitalization in the Mediterranean through cross-cutting approach based on ecological and social resilience- Cynthia Echave & Palladus, Ana & Ponsá, Sergio & Cacciutolo, Maxime & Massabo, Bernard & Niavis, Spyros & Grassi, Roberto & Boulanger, Alexia & Papatheochari, Theodora & Čeh, Danilo
3. Planning and Management Strategies in Developing Cities " - The city of Batna as a case study – Mohamed Boudiafe SAOUANE & Bibimoune Walid

13:30-14:30 – lunch break

14:30-16:30 - Plenary Session
Session 1 (b): GOVERNANCE AND EDUCATION FOR SUSTAINABLE CITIES
Session Moderators: Fabio Naselli, Luciano De Bonis

4. Policy instruments for facilitating the decision making in Integrated Environmental Management of Functional Urban Areas: tools and methods applied within a European cooperation programme - Elena Masala & Matteo Tabasso
5. Optimization of Small Open Space Based on POE Research under The Concept of Main Urban Area--Taking Hangzhou for Instance - Yuwei Zhu & Hiroatsu Fukuda
7. New, smart and sustainable cities in Algeria: realities and challenges. Case of the city of Sidi A. Allah in Algiers region - Mohamed Boudiafe, Saouane & Mohamed Gherbi & Aissaoui Oumaima
9. Is New Infill Development Creating the Slums of Tomorrow? Examining the Links between Infill, Sprawl, Equity, and Neighborhood Resilience - Melissa Currie

Day 2 – Thursday 6 December 2018

09:30-16:30 - Parallel Sessions

09:30-11:00 - Session 2: NATURAL RESOURCES AND WASTE MANAGEMENT AT THE NEIGHBORHOOD SCALE
Session Moderators: Domenica Bona

1. Study on outdoor thermal comfort of the commercial pedestrian mall in southern China-A case study of The Taizhou Old Street -XUAN MA & Hiroatsu Fukuda & Mengying Wang
2. Approach towards Localization of public spaces development in Muscat: A step towards sustainable urban reform within existing neighborhoods - Rowa Elzain & Rumana Al Othmani

11:40-13:00 - Session 4 (a): ENERGY EFFICIENCY AND PASSIVE DESIGN IN BUILDINGS
Session Moderator: Elena Gigliarelli, Filippo Calcerano

1. Design of a system generating electricity by means of a solar heater for a house - Aguirre Contreras Javier & Aguirre Muñoz Javier & Arzate Perez Miguel
2. Load shifting assessment of residential heat pump system in Japan smart community - XUEYUAN ZHAO & Weijun Gao & Yanxue Li & Yoshiaki Ushifusab
3. lessons learnt form the first Passive house building in Qatar - May Khalfan
4. BIOMIMICRY, IN SEARCH OF ADAPTED URBAN FORMS - Souheila El Bar & Noureddine Zemmouri & Najet Aroua

13:00-14:00 Lunch break

14:00-16:30 - Session 4 (b): ENERGY EFFICIENCY AND PASSIVE DESIGN IN BUILDINGS

Session Moderator: Elena Gigliarelli, Ilaria Montella,

5. Typology and Solar Gain Analysis: Vernacular Courtyard Houses of Tabriz, Iran - Maryam Khatibi
7. Evaluating Heat Island Effect at University Campus with Reference to LEED v4 - Alshimaa A. Farag & Rahma M. Doheim & Samaa Badawi

11:40-13:00 - Session 3(a): SUSTAINABLE INFRASTRUCTURE AND MOBILITY

Session Moderators: Antonio Bolognini, Chiara Ravagnan

1. Territorial justice a differentiated accessibility to opportunities, comparative of two Mexican cities, Santiago de Querétaro and León. The unequal location of resources in space and the restrictions of spatial mobility, linked to public transit - Angélica Valera Aldana
2. Analysing the effect of fuel prices increase on travel behaviour - Mohammed Aljoufie
3. Urban Public Space Axis Rector of Green Infrastructure in The Current City of Latin America - Marina Pérez-P

13:00-14:00 Lunch break

14:00-16:30 - Session 3(b): SUSTAINABLE INFRASTRUCTURE AND MOBILITY

Session Moderator: Maria Livia Olivetti, Chiara Ravagnan,

1. Towards a Comprehensive Description of the Public Parks of Bahrain - Joao Pinelo Silva & Sonia Lamela & Motaz Mostarehi
2. A Sub-Metropolitan Nature Garden for School kids in Monterrey, Mexico - Roberto Pasini
3. Multi-scale assessment of urban gardens as constructed habitats for biodiversity conservation in Jeddah Saudi Arabia - Deborah A. Middleton
4. City of birds in the urban assemblage - Ewa Rewers
5. A Study on Multi-Sector Participation on Environmental Lighting and Acoustics: The Case of the City of Manila - Cecilia May S. Villanueva

16:30-17:00 - Closing Session

Fabio Naselli
Lecturer of Urban Planning and Design
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