Parallel Sessions
MONASTERO DEGLI OLIVETANI

WEDNESDAY, 14th OCTOBER 2015
15:00 – 17:30

MONASTERO DEGLI OLIVETANI - LECCE

1ST SESSION (PADIGLIONE CHIRICO)
Chairmans:
Prof. Mariano Longo, Prof. Konstantinos Moraitis

Planning Approaches for Sustainable Development

15:00 – 15:20  An Approach for Promoting Urban and Architectural Potentials for Supporting Knowledge Economy
Ayman Mohammed Mostafa & Khaled Youssef Mohamed

15:20 – 15:40  Is slipshod Urban planning, hampering sustainability of Small Indian Towns?
Alok Tiwari

15:40 – 16:00  Local Wisdom for Sustainable Development of Rural Tourism
Vincentia Reni Vitasurya

16:00 – 16:20  Possibility and Challenge of Smart Community in Japan
Weijun Gao, Liyang Fan, Yoshiaki Ushifusa, Yao Zhang & Jianxing Ren

16:20 – 16:40  The Potential of Bamboo as Building Material in Organic Shaped Buildings
Esti Asih Nurdiah

16:40 – 17:00  Research on the Countermeasure of Housing for the Elderly in the Aging Background of Japan
Zhengtian Pan & Hiroatsu Fukuda

17:00 – 17:20  New perspectives on sustainable development of second homes in Croatia
Sara Ursić, Roko Mišetić & Anka Mišetić
Parallel Sessions
MONASTERO DEGLI OLIVETANI

WEDNESDAY, 14th OCTOBER 2015
15:00 – 17:30

MONASTERO DEGLI O
2ND SESSION (AULA GRADONATA)
Chairman:
Prof. Nabil Mohareb

Planning Approaches for Sustainable Development

15:00 – 15:20
Urban Agriculture: A Way Forward to Food and Nutrition Security in Malaysia
Golnaz Rezai, Mad Nazir Shamsudin & Zainalabidin Mohamed

15:20 – 15:40
Livable Eco-Architecture
Iman Ibrahim

15:40 – 16:00
Urban Design and Social Capital in Slums
Katila Vilar & Ivan Cartes

16:00 – 16:20
Analysis on Traditional Gully Village's Sustainable Development Methods in Gully Region of Loess Plateau
Tao Zhang, Fukuda Hiroatsu & Qinian Hua

16:20 – 16:40
Developing a Sustainability Indicator Set for Measuring Green Infrastructure Performance
Parisa Pakzad & Paul Osmond

Community Participation

16:40 – 17:00
Land for Poor: Towards Sustainable Master Plan for Sensitive Redevelopment of Slums
Ghada Ragheb, Hisham El-Shimy, Amany Ragheb & Miral Elbakim

17:00 – 17:20
The Empowerment of the Slum Inhabitant as a Primary Agent of Low-Income Housing
Kitapatr Dhabhalabutr
Parallel Sessions
MONASTERO DEGLI OLIVETANI

WEDNESDAY, 14th OCTOBER 2015
15:00 – 17:30
MONASTERO DEGLI OLIVETANI - LECCE

3rd Session (Aula Pianterreno)
Chairmans:
Prof. Anna Trono, Prof. Mohsen Bayad

Urban Design and Urban Infrastructure

15:00 – 15:20
Tactical Urbanism “A pop-up Local change for Cairo's built environment”
Ahmed S. Abd Elrahman

15:20 – 15:40
Revitalizing the Urban Development Scenario
Anoop Kumar Sharma

15:40 – 16:00
Analyzing Factors and Spatial Reactions Creating Deteriorated Area of Tehran
Ashkan Bayat & Leila Rashidi

16:00 – 16:20
Challenges of urban housing quality: Insights and experiences of Akure, Nigeria
Dorcas Oluwaseyi Adeoyo

16:20 – 16:40
Residents’ Evaluation of Road Utilization as Space for Social Ceremonies in Indigenous Residential Area of
Ogbomoso, Nigeria.
Simon A. Okanlawon & Oluronke O. Odunjo

16:40 – 17:00
Modeling Spillover Effects of Leapfrog Development and Urban Sprawl upon Institutional Delinquencies
Muhammad Hammad Noon & Syed Touqueer Akhter

17:00 – 17:20
Socio- Economic Correlates of Housing Finance Strategies in Ibadan, Southwest Nigeria.
Oluronke O. Odunjo & Simon A. Okanlawon
Parallel Sessions

MONASTERO DEGLI OLIVETANI

WEDNESDAY, 14th OCTOBER 2015
15:00 – 17:30

MONASTERO DEGLI OLI

4TH SESSION (AULA ORATORIO)
Chairmans:
Prof. Maurizio Oddo, Prof. Shahira Sayed

Urban Design and Urban Infrastructure

15:00 – 15:20  User Evaluation of the Urban Park Design Implementation with Participatory Approach Process
Sanem Özen Turan, Müberra Pulatkan, Dilek Beyazlı & Berna Sezen Özen

15:20 – 15:40  Urban Decline and Revitalization Project in Izmir-Tire Historical City Center
Yakup Egercioğlu, Nilay Yakıcı & Tuğçe Ertan

15:40 – 16:00  A Critical Analysis of Urban Regeneration Projects in Turkey: Displacement of Romani Settlement Case
Mehmet Melih Cin & Yakup Egercioğlu

Landscape Planning and Design

16:00 – 16:20  Water as an Ecological Factor for a Sustainable Campus Landscape
Ahmed I. Amr, Shaimaa Kamel, Germin El Gohary & Johannes Hamhaber

16:20 – 16:40  Open Space Quality in Deprived Urban Areas
Ayah Abbasi, Chaham Alalouch & Glen Bramley

16:40 – 17:00  Climatic Sensitive Landscape Design: Towards a Better Microclimate through Plantation in Public Schools, Cairo, Egypt
Wesam M.El-Bardisy, Mohammad Fahmy & Germeen F.El-Gohary

17:00 – 17:20  Constructing potentials of territorial and infra-landscape development for small peripheral cities of the metropolitan city of Tunis
Yasmine Attia Bencherifa
Parallel Sessions
MONASTERO DEGLI OLIVETANI

THURSDAY, 15th OCTOBER 2015
9:00 – 13:00

5TH SESSION (PADIGLIONE CHIRICO)
Chairmen: Prof. Ferdinando Trapani, Prof. Mohamed Khalil

City Planning, Development and Management

9:00 – 9:20 Development A Fuzzy Model To Predict The Index Of Urban Development Priorities Of The Parties To The Egyptian City in Partnership Between The Cooperative Trinity
Ayman M. Zakaria Eraqi

9:20 – 9:40 Study on Land Development Strategy for Inter-city railway Transport Hub
Senwen Shi

9:40 – 10:00 A Public Actor Awareness for Sustainable Development
Korti Rafika, Kalli Rym, Sassi Boudmaq Souad & Lazri Youcef

10:00 – 10:20 Riyadh Transportation History and Developing Vision
Majid Aldalbahi & Guy Walker

Sustainable Public Transport Systems

11:00 – 11:20 A Spatial Application of an Opportunity Costing Methodology for the Assessment of the Climate Value of Cycling
Clássio Joao Mendiate

11:20 – 11:40 Exploring the Determinants of Public Transport System Planning In Car- Dependent Cities
Mohammed Alfoufi

Cultural Development and Awareness

11:40 – 12:00 Filipino Culture of Filling up Space in a Gated Community
Clarissa M. Lorenzo

12.00 – 12.30 Mutualistic Social Relationship between Tamil and Chinese Communities in the Formation of Social Space in Kampung Keling, Medan
Morida Siagian
Parallel Sessions
MONASTERO DEGLI OLIVETANI

THURSDAY, 15th OCTOBER 2015
9:00 – 13:00

6TH SESSION (AULA GRADONATA)
Chairmans:
Prof. Claudio Gambardella, Prof. Weijun Gao

MONASTERO DEGLI OLIVETANI - LECCE
City Planning, Development and Management

9:00 – 9:20
The Investigation of Urbanization and Urban Heat Island in Beijing Based on Remote Sensing
Chen Wei, Zhang Yao & Gao Weijun

Energy and the Environment

9:20 – 9:40
Performance analysis of CCHP system for university campus in North China
Jinming Jiang, Weijun Gao, Yanna Gao, Xindong Wei & Soichiro Kuroki

9:40 – 10:00
Power monitoring scheme and switching action evaluation of a net metering miniature system
Jeffrel P. Hermias, Rashid Jull P. De Luna, Anthony Joseph M. Lavilla, Marven E. Jabian & Noel R. Estoperez

10:00 – 10:20
Study on Residential Lifestyle and Energy Use of Japanese Apartment/Multidwelling Unit
Yan Zheng, Didit Noreanto, Yao Zhang, Yoshiaki Ushifusa & Weijun Gao

11:00 – 11:20
A Holistic Human ecosystem Approach to Alexandria’s Corniche & Beaches
Salah El din Samir Hareedy

11:20 – 11:40
A Review of Technologies and Evaluation Softwares for Distributed Energy Source System
Yanna Gao, Xi Meng, Weijun Gao & Enshen Long

11:40 – 12:00
An Exploratory Analysis of Kitakyushu Residential Customer Response to Dynamic Electricity Pricing
Zhang Yao, Gao Weijun, Yoshiaki Ushifusa, Chen Wei & Soichiro Kuroki

Accessibility in Cityscape and Development Issues

12.00 – 12.30
Universal Design: An Urgent Need
Ana Paula Post
Parallel Sessions
MONASTERO DEGLI OLIVETANI

THURSDAY, 15th OCTOBER 2015
9:00 – 13:00

7TH SESSION (AULA PIANTERRENO)
Chairmen:
Prof. Francesco Martinico, Prof. Mohsen Bayad

Climate Change and Ecological Planning

9:00 – 9:20
Assessment of the Thermal Performance of Complete Buildings Using Adaptive Thermal Comfort
Aiman Albatanye, Dariusz Alterman, Adrian Page & Behdad Moghtaderi

9:20 – 9:40
Climate Change Impact on Egyptian Shorelines, Living Shorelines as a Tool to mitigate Sea level Rise
Rasha Sayed Mahmoud & Rana Adel Ibrahim

9:40 – 10:00
Thermal Comfort Through the Microclimates of The Courtyard
H. A. Abdulkareem

10:00 – 10:20
Planning for Climate Change, Why does it matter? From phenomenon to Integrative Action Plan
Mahmoud Yousef, Mahmoud Ghanem

11:00 – 11:20
Outdoor Thermal Comfort: Impact of the Geometry of an Urban Street Canyon in a Mediterranean Subtropical Climate
Safa Achour-Younsia & Fakher Kherrat

Building Physics and Technology

11:20 – 11:40
Sustainable Non-destructive Technique of Ambient Vibrations for Ground Assessments
Ahmad Fahmy Kamarudin, Mubd Effendi Daud, Zainab Ibrahim & Azmi Ibrahim

11:40 – 12:00
An Empirical Study Investigating the Impact of Micro-algal Technologies and their Application within Intelligent Building Fabrics
Amira Elnokaly & Ian Keeling

12:00 – 12:30
Design Chart to Determine the Dimensions of a Horizontal Shading Device over an Equator-Facing Window as a Function of the Latitude and the Shading Height
Shady Shawky Saifelnasr
## Parallel Sessions

**MONASTERO DEGLI OLIVETANI**

**THURSDAY, 15th OCTOBER 2015**

9:00 – 13:00

### 8th Session (Aula Oratorio)

**Chairmen:**
Prof. Shahira Sayed, Prof. Konstantinos Moraitis

### Planning for Risk and Natural Hazards

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<tr>
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<tr>
<td>9:00 – 9:20</td>
<td>Climate Change Vulnerability Assessment in the Agriculture Sector</td>
<td>Alyosha Ezra C. Mallari</td>
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<td>9:20 – 9:40</td>
<td>How can be Disaster Resilience Built with using Sustainable Development?</td>
<td>Cigdem Tarhan, Can Aydin &amp; Vahap Tecim</td>
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<td>9:40 – 10:00</td>
<td>Analysis Of Urban Morphology And Accessibility Character To Provide Evacuation Route In Historic Area</td>
<td>Nattasit Srinurak &amp; Nobuo Mishima</td>
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<td>11:00 – 11:20</td>
<td>Wide-area Disaster Prevention of Storm or Flood Damage and Its Improvement by Using Urban Planning Information System</td>
<td>Shiori Shimokawa, Hidetoshi Fukahori &amp; Weijun Gao</td>
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<td>11:20 – 11:40</td>
<td>A Simulation Study on Fire Evacuation Routes in Primary Stage</td>
<td>Tanaporn Tanachawengsakul &amp; Nobuo Mishima</td>
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<td>11:40 – 12:00</td>
<td>Comparative Study of Community Resilience in Mega Coastal Cities Threatened by Sea Level Rise</td>
<td>Yasmin Z. Kamb, Marwa A. Khalifa &amp; Aly N. El-Babrawy</td>
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Parallel Sessions
MONASTERO DEGLI OLIVETANI
FRIDAY, 16th OCTOBER 2015
15:00 – 18:00

9TH SESSION (PADIGLIONE CHIRICO)
Chairmans:
Prof. Nabil Mohareb, Prof. Pietro Columba

MONASTERO DEGLI OLIVETANI - LECCE
Balancing Heritage Conservation and Development

15:00 – 15:20  An Analytical Study of Building Materials and Deterioration Factors of Farasan Heritage Houses, and the Recommendations of Conservation and Rehabilitation
Al- Arabi S. Emara & Mahmoud Sayed Korany

15:20 – 15:40  The Hqdl Method to Assess the Sustainability of an Historic Center
F. Sehili, Y. Chennaoui & S. Madani

15:40 – 16:00  A Multi-Methodological Decision-Making Process for Cultural Landscapes Evaluation
Maria Cerreta, Pasquale Inglese & Maria Luigia Manzi

16:00 – 16:20  The Impact of Entering the UNESCO World Heritage List For Historic Urban Territories and Its Place in Urban Regeneration of Historic City Centres
Tuğçe Ertan & Yakup Eğriçilin

16:20 – 16:40  Preserving Alleyways to Increase Walkability of Historical Japanese Cities
Yu Yoshii

16:40 – 17:00  Meanings and Social Roles of the Republic Period Urban Parks in Ankara
Zühal Ekinci & Hakan Sağla

Planning for Public Health
17:00 – 17:20  Improving Perceived Safety for Public Health through Sustainable Development
Deniz Deniz

Other topics related to Architecture Design and Urban Design
17:20 – 17:40  Adaptive Environmental Interfaces
Heather Renée Barker

17:40 – 18:00  Three sustainable residential neighborhoods in South Italy
Bianca Petrella
Parallel Sessions
MONASTERO DEGLI OLIVETANI

FRIDAY, 16th OCTOBER 2015
15:00 – 18:00

10TH SESSION (AULA GRADONATA)
Chairmans:
Prof. Prof. Hisham El Shimy, Prof. Lucia Della Spina

Planning for Public Health

15:00 – 15:20
An Evaluation of the Causality between Respiratory Systems’ Cases and Environmental Urban Factors
Cigdem Tarhan, Nur Sinem Ozcan & Sevim Pelin Ozkan

15:20 – 15:40
Factors Affecting Walkability of Neighborhoods
Richa Singh

Sustainability and Architecture

15:40 – 16:00
Green Architecture: A Concept Of Sustainability
Amany Ragheb, Hisham El Shimy & Ghada Ragheb

16:00 – 16:20
Learning from Vernacular Architecture: Ecological Solutions in Traditional Erzurum Houses
Berrak Kırbaş & Neslinur Hızlı

16:20 – 16:40
Learnins To Sustainable Architecture From The Anatolia Traditional Houses
Kader Keskin & Muteber Erbay

16:40 – 17:00
Improving Building Technologies with a Sustainable Strategy
Paulo Carneiro, Alina Jerónimo, Vitor Silva, Fernando Cartaxo & Paulina Faria

17:00 – 17:20
Parametric Office Building for Daylight and Energy Analysis in the Early Design Stages
Ma Qingsong & Hiroatsu Fukuda

Other topics related to Architecture Design and Urban Design

17:20 – 17:40
Inheritance and Innovation
Miao Hong & Xiaojing Yan

17:40 – 18:00
The Use of Life Cycle Techniques in the Assessment of Sustainability
Selin Gundes
## Parallel Sessions
### MONASTERO DEGLI OLIVETANI
#### FRIDAY, 16th OCTOBER 2015
15:00 – 18:00

**11TH SESSION (AULA PIANTERRENO)**
Chairmans:
Prof. Fabio Naselli, Prof. Fausto Carmelo Nigrelli

### Sustainable Design and Configuration of Sustainable Cities

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<tr>
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<th>Presenter(s)</th>
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<td>15:00</td>
<td>Concept of Village Regrouping as an Alternative Strategy for Sustainable Micro Regional Development</td>
<td>Abba Saleh</td>
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<td>15:40</td>
<td>Parametric Environmental Climate Adaptive Design</td>
<td>Eduardo Bassolino &amp; Luciano Ambrosini</td>
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<td>16:00</td>
<td>Sustainable High-Rises in a Sustainable Development</td>
<td>Elena Kalcheva, Ahmad Taki &amp; Yuri Hadi</td>
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<td>16:20</td>
<td>Sustainable Development of Coastal Cities</td>
<td>Jacqueline Boulos</td>
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<td>16:40</td>
<td>Research on the Design of Ecological Energy-Saving Building Based on the Climate Condition of Hangzhou</td>
<td>Qian Wu &amp; Weijun Gao</td>
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<tr>
<td>17:00</td>
<td>The New Town Development in Ecological Sensitive Area Based on Resilience Thinking</td>
<td>Xu Liquan &amp; Zhou Junqing</td>
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<td>17:20</td>
<td>Other topics related to Architecture Design and Urban Design</td>
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<td>17:20</td>
<td>Analyzing the Homogenous Nature of Central Courtyard Structure in Formation of Iranian Traditional Houses</td>
<td>Peyman Amiriparyana &amp; Zohreh Kiani</td>
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<td>17:40</td>
<td>Regeneration of sustainability in Contemporary Architecture</td>
<td>Hatem Galal A Ibrabim</td>
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**Sustainability and Architecture**
Parallel Sessions
MONASTERO DEGLI OLIVETANI

FRIDAY, 16th OCTOBER 2015
15:00 – 18:00

MONASTERO DEGLI O12TH SESSION (AULA ORATORIO)
Chairmans:
Prof. Francesco Calabrò, Prof. Mahmoud Ghoneem

Forms and Aesthetics in Architectural Designs
15:00 – 15:20
Energy-Efficient House in the GCC Region
Chaham Alalouch, Mohamed Salah-eldin Saleh & Saleh Al-Saadi

15:20 – 15:40
Understanding Architectural Design: Expressive and Figurative Paradigms
Leila Chebaiki-Adli & Chabbi- Chenrouk Naima

15:40 – 16:00
The Analysis and Optimization of Anji Rammed Earth House’s Envelope Thermal Characteristic
Lin Xinxin, Wang Meiyan & Hiroatsu Fukuda

16:00 – 16:20
The Structural and Spatial Analysing of Fractal Geometry in Organizing of Iranian Traditional Architecture
Zahre Kiani & Peyman Amiri-paryan

Sustainability and Architecture
16:20 – 16:40
Consumer Attitudes Towards Timber Frame Houses in China
Qinian Hu, Bart Dewancker, Tao Zhang & Tanaphoom Wonglumru

16:40 – 17:00
Evaluation of Sustainable Roof from Various Aspects and Benefits of Agriculture Roofing in Urban Core
Takao Ugai

Other topics related to Architecture Design and Urban Design
17:00 – 17:20
Soundscapes of Digital Morphogenesis in Architecture which created from Musical Algorithm
Didem Acar

17:20 – 17:40
The Impacts of Cost Determinism in Architectural Foundation Design Education
Syeoung Lee, Phillip Tabb, Julia Rogers, Zophia Rybowski & Shannon Van Zandt