



**Sudanese Institute of Architects (SIA)**  
Fourth Scientific and Professional Conference  
**Towards Sustainable Urban Development**  
Friendship Hall, Khartoum, 9 – 11 November 2015

**CONFERENCE THEMES**

**A. Urban Sustainability Challenges and Opportunities**

1. Contemporary definition(s) of sustainable urban development.
2. Impacts of rapid urbanization on sustainable urban development.
3. Urban resilience: addressing urban disasters, climate change, etc.
4. Urban agriculture and food production.
5. Human resources for sustainable urban development.

**B. Urbanization Patterns, Trends and Societal Needs**

1. Managing rapid urbanization.
2. Social inclusion and equitable urban development.
3. Rural-urban linkages.
4. Social, cultural and environmental aspects of sustainable urban development.

**C. Sustainable Urban Planning and Design**

1. Managing urban land utilization.
2. Large-scale urban functions.
3. Revitalizing down-towns.
4. Water front development.
5. Urban policies for sustainability: densification, regeneration, etc.
6. Urban heritage preservation.
7. Sustainable urban communities: concepts, practices, etc.

#### **D. Urban Infrastructure, Accessibility and Mobility**

1. Urban infrastructure planning, programming and financing.
2. Sustainable urban mobility: challenges and responses.
3. Affordability and energy-efficiency issues.

#### **E. Sustainable Housing**

1. Sustainable housing strategies, policies, programs, etc.
2. Innovative housing configurations.
3. Role of public, private and communal actors in housing.
4. Socio-cultural aspects of sustainable housing.
5. Housing affordability.
6. Housing finance.

#### **F. Urban Management and Finance**

1. Sustainable urban management.
2. Community participation in urban development.
3. Innovative land legislations.
4. Innovative urban and local finance.
5. Revitalizing urban economies.

#### **G. Technologies for Sustainable Urban Development**

1. Climate-responsive and energy-efficient buildings.
2. Sustainable building materials and technologies.
3. Climate-responsive and water-saving urban landscaping.
4. Sustainable potable water, sanitation and drainage in urban areas.
5. Waste management.

#### **H. Towards Sustainable Urban Development**

1. Sustainable national, regional and local physical planning strategies.
2. Towards effective professional planning practice in Sudan.
3. Innovative regional and international case studies.
4. Innovative case studies from Sudan.

#### **I. Round Tables, Workshops**

1. Local leaders' forum.
2. Best Urban Development Practices in Sudan.