

Theme and Tracks

The theme of our conference is “**Contemporary Built Environment Challenges in the Middle East**”

We are willing to receive research within, but not limited to the following tracks:

**1- HISTORY AND TRADITION:**

- Role of religion in shaping architecture
- Architecture of religious buildings
- Architectural traditions in the region
- Archeological discoveries in the MENA region
- Stories and myths and their symbolic effects on architecture
- Rehabilitation policies and their effects on traditional built environments
- Approaches/Techniques of architectural conservation
- Cultural identity in the contemporary architecture

**2- ARCHITECTURE EDUCATION AND PRACTICE:**

- The gap between the studio and the market in architecture
- The role of architecture competitions in architectural education
- Teaching methods and their effects on students’ outcomes
- Studies on architectural design process
- The effect of different architectural curricula on students’ outcomes
- The educational environment and its effect on creativity

**3- THE HUMAN DIMENSION:**

- The exchange between man and environment
- Emotional aspects of the built environment and their effect on man
- Perceptual studies and human imagination
- Difficulties and design alterations for the disabled people
- Studies on human behavior in interior spaces
- Minorities and their effect and presence in architecture
- The effect of physical aspects of architecture on human behavior

**4- SUSTAINABILITY MEASURES:**

- Sustainability policies in the Middle Eastern countries.
- Application of sustainable requirements in architecture in the Middle East
- Techniques of passive heating and cooling
- Techniques of conserving energy and resource consumptions in architecture
- Water management in dry regions
- Reusing traditional techniques for cooling, lighting, and heating
- Green cities

- Architecture and the harvesting of non-fossil energy (solar, wind, water, etc.)

#### **5- THE URBAN SCALE:**

- Urban morphology
- Urban patterns
- Studies on urban sprawl
- Studies on traffic and streets' design
- Land-use and functions' distribution
- Economical aspects and their role in urban development
- The role of landscape architecture

#### **6- HOUSING AND SOCIAL CHALLENGES:**

- Studies on the development of housing typologies
- Social interaction between residents in various types of housing
- Low-income and low-cost housing problems
- Crime, poverty and inequality in society and the role of architecture
- Social housing and their attempts in the Middle East

#### **7- BUILDING ELEMENTS AND COMPONENTS:**

- Studies evaluating building performance
- Studies on lighting and ventilation in buildings
- Research focusing on building elements (furniture, colors, other fixtures, etc.)
- Studies focusing on building materials

#### **8- BUILDING TECHNOLOGY:**

- Technical development in Middle Eastern architecture
- Artificial Intelligence and its applications in architecture
- Role of BIM in architecture design, construction, and management
- 3D printing and architecture
- Kinetic architecture