

Call for Papers

SCI (Scientific Citation Index) Journal Publication

- **Journal Special Issue**

ZEMCH 2020 organizing committee will publish the special issue, MDPI's Open Access Journal: Sustainability (SCIE & SSCI indexed, IF: 2.592 (2018)) and Sustainable Buildings (TBC). Selected outstanding papers will be considered for the publication of special issue, and the editorial member will directly contact the selected authors after the completion of the ZEMCH 2019 conference. There is the publishing cost charged by authors.

The 8th edition of the Zero Energy Mass Custom Home (ZEMCH 2020) International Conference will be held in UAEU, Al Ain, UAE from November 3rd – 6th 2020. ZEMCH encourages participation of researchers, manufacturers, policy makers, and general stakeholders tackling issues arising in the delivery of socially, economically, environmentally and humanly sustainable built environments, which accommodate people with different socio-economic backgrounds in developed and developing countries.

You are warmly invited to take part in this conference and we welcome your submission of an abstract(s) covering the topics listed below using the conference dedicated online submission system.

Abstracts will be peer-reviewed thoroughly. The accepted papers will be assigned to either oral or poster presentation. For both presentations, full paper submission will be requested for inclusion in the online proceedings of *ZEMCH 2020*.

In consideration of the presentations, quality papers will be selected for further inclusion in selected journal's ZEMCH special issue(s) – e.g. MDPI *Sustainability* or *Sustainable Buildings* (TBC).

Important Dates

- Deadline for Abstract Submission **March. 15**
- Abstract Acceptance Notification **May. 15**
- Deadline for Paper Submission **June. 15**
- Paper Acceptance and Comments for Final Paper **July. 10**
- Deadline for Final Paper Submission **September. 15**
- Early Bird Registration Opening **June. 15**

Topic Areas

1. BUILDINGS AND ARCHITECTURE

- Sustainable Design and Codes
- Prefabrication and mass customization
- Sustainable Construction Management
- Building Technology and Digital Fabrication
- Energy Efficient Technology Integration
- Inclusive/Personalized Design
- Building Resilience and Adaptability
- Energy Efficient Building Materials

2- CITIES AND URBAN DEVELOPMENT

- Smart City
- Sustainable Urban Forms
- Sustainable Transportation
- Sustainable Real Estate and Development
- Urban Regeneration
- Urban Resilience & Climate Change

3- SUSTAINABLE URBANISM AND BUILDING PERFORMANCE

- Building Performance Analysis and Verification
- Building Performance Simulation
- Building Information Management and Modeling
- City Scale Modelling
- Environmental Impact Assessment
- Value Analysis and Visualization
- IoT, Big Data & AI Analysis Tools
- Collaborative Virtual, Mixed, and Augmented Reality Environments.
- 3D Geographic Information Systems

4. USER EXPERIENCE AND BEHAVIOR

- User Behavior and Engagement
- Humanitarian Design
- Environmental Experience Design
- Post Occupancy Evaluation
- Participatory and Evidence-Based Strategies for Sustainable Design

5. SOCIAL SUSTAINABILITY AND COMMUNITY RESILIENCE

- Social Impact Assessment
 - Eco-Community Development
 - Community Health and Wellbeing
 - Green Economy and Policies
 - Sustainability in Education
 - Sustainability and Society
 - Resilient Community Planning, Housing and Design
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Submission Guidelines

- All abstracts must be submitted through the online submission system (no template) of the ZEMCH 2020 conference website at <https://conferences.uaeu.ac.ae/zemch2020/en/index.shtml#> and Fax or Email submission is not acceptable.
- All abstracts & papers MUST be prepared in English.
- Title of the abstracts must be concise and indicative of the content of the abstract and avoid using abbreviations in the title.
- Abstract may NOT exceed 450 words (text only).
- Template will be provided for Full Paper.