

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 2020 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 the United Arab Emirates University (UAEU), Al Ain, United Arab Emirates (UAE) from November 3rd – 6th 2020. ZEMCH encourages participation of researchers, scholars, manufacturers, policy makers, graduate students 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 cordially invited to take part in this conference, and we welcome your submission of an abstract(s) covering any of, but not limited to, the topics listed in tracks below, or any emergent relevant ones, using the conference dedicated online submission system [TBA].

Abstracts and paper will undergo a rigorous double blind review. 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 open access Scopus indexed 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) – including MDPI *Energies / Sustainability*, *EDP Sustainable Buildings and ...* (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. 1st**

ZEMCH 2020 Topic Areas

1- SUSTAINABLE CITIES AND URBAN DEVELOPMENT

- Smart Cities
- Sustainable Urban Forms
- Sustainable Transportation
- Sustainable Real Estate and Development
- Urban Regeneration
- Urban Resilience and Climate Change
- Smart City Modelling
- Environmental Impact Assessment
- 3D Geographic Information Systems
- Green Economy and Policies

2. BUILDING AND ARCHITECTURE

- Sustainable Design and Codes
- Sustainability in Education
- Prefabrication and mass customization
- Sustainable Construction Management
- Building Technology and Digital Fabrication
- Energy Efficient Technology Integration
- Inclusive/Personalized Design
- Building Resilience and Adaptability
- Building Performance Simulation, Analysis and Verification
- Energy Efficient Building Materials

3. BUILDING ENERGY, PERFORMANCE & TECHNOLOGY

- Value Analysis and Visualization
- Building Technology
- Digital Fabrication & IT
- Collaborative Virtual, Mixed, and Augmented Reality Environments
- Building Information Management and Modeling
- Participatory and Evidence-Based Strategies for Sustainable Design
- Performance, simulation and verification of renewal energy
- AI Analysis Tools, IoT and Big Data

4. USER EXPERIENCE AND BEHAVIOR

- Humanitarian Design
 - Environmental Experience Design
 - User Behavior and Engagement
 - Post Occupancy Evaluation
 - Social Impact Assessment
 - Eco-Community Development
 - Community Health and Wellbeing
 - Social Sustainability and Community Resilience
 - 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.