

ZEMCH Network Global Coordinator Greetings

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Homes need to be socially, economically, environmentally and humanly sustainable in response to societal pressure on our common future that should embrace the United Nations' 17 sustainable development goals. In 1997, the text of the Kyoto Protocol to the United Nations Framework Convention on Climate Change was adopted eventually at the 3rd Conference of the Parties held in Kyoto, Japan. As of April 2008, 178 states signed and ratified the Protocol. In consequence, most industrialised nations and some central European countries agreed to legally bind the reductions of greenhouse gas emissions of an average of 6 to 8% below 1990 levels between the years 2008 and 2012. Nonetheless, we have not yet built enough momentum and our society still requires, desires and/or expects social, economic, environmental and human sustainability of housing in developed and developing countries. Accordingly, a *Zero Energy Mass Custom Home* (ZEMCH) research theme was conceptualised. To shape the global R&D collaboration platform, *ZEMCH Network* was established in 2010. Today, the voluntary collaboration group consists of over 740 partners from nearly 45 countries and the membership is constantly growing. Respecting local culture, language and capacity, the regional groups have also been formed in Brazil, Italy, UAE, UK and USA. Currently, the movement of establishing ZEMCH Network Australia and Korea is under way. This year, ZEMCH Mission to Japan 2019 and ZEMCH 2019 International Conference will be held in Japan and South Korea, respectively, and the ZEMCH global knowledge will further be boosted, crystalised and shared through the pedagogical activities.

ZEMCH 2019 International Conference update

The ZEMCH International Conference 2019 is well in progress and it will be held in South Korea from 26th to 28th November 2019. It has been receiving a good number of full papers being processed for the final peer review. The conference sponsorship is growing yet it is still welcoming from industry and government. The timely conference updates can be found at the website: www.zemch2019seoul.org

ZEMCH Network Australia initiation

Academics from Deakin University, Monash University, RMIT University, University of Melbourne, University of Technology Sydney and Victoria University, as well as some representatives from industry formed *ZEMCH Network Australia*. The first regional network meeting was held on 18th June 2019. To date, four consecutive monthly meetings were held at the partners' university and company offices. Currently, four research projects were introduced, focusing on issues around vertical subdivision plug-in housing system, condensation, occupant-centric building design and prefabricated construction production efficiency.



RECRUITMENT:

United Arab Emirates University

www.uaeu.ac.ae/en

Job Title: Architectural Engineering: Assistant, Associate or Full Professor Position

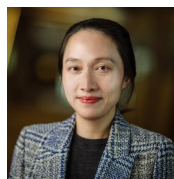
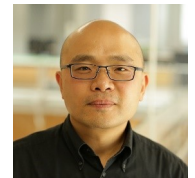
CONGRATULATIONS

Dr Sara Wilkinson for Professorship of Sustainable Property at School of Built Environment, University of Technology Sydney, Australia.



Dr Haşim Altan for Deanship and Professorship at Faculty of Architecture & Fine Arts, Final International University, Kyrenia, Cyprus.

Dr Hing-Wah Chau for being appointed as Academic Teaching Scholar in Built Environment at the College of Engineering and Science, Victoria University, Melbourne, Australia.



Dr Jenny Zhou for Lectureship in Environmental Engineering at the Department of Civil Engineering, Monash University, Clayton, Australia.

UPCOMING EVENTS:

ZEMCH Conference 2019

Seoul, South Korea

26 - 28 November 2019

www.zemch2019seoul.org

ZEMCH Mission to Japan

Tokyo, Japan

18 - 22 November 2019

www.zemch.org