The Department of Building Services Engineering (BSE) of The Hong Kong Polytechnic University (PolyU) organized a seminar on 4 Jun 2012. Professor Marija S. Todorović from University of Belgrade, who is also Guest Professor at Southeast University in Nanjing, China, was invited to be the speaker. Professor Todorović presented her academic paper on "BPS, Energy Efficiency and Renewable Energy Sources for Buildings Greening and Zero Energy Cities Planning - Harmony and Ethics of Sustainability" and shared his valuable insights with BSE PhD students and staff. In the same seminar, Prof. Branislav Todorovic, chief-editor of Building and Energy, was invited to give a presentation on writing for scientific publications.

In the seminar, Professor Todorović highlighted the crucial role of building performance simulation (BPS) and introduced its recent advances. In addition, the balanced use of renewable materials and energy sources in traditional village houses was outlined. Feasibility study results on the sustainable Zero Energy ECO Settlement at the Mediterranean Sea were reviewed. Furthermore, architectural design, building's dynamic behavior and energy efficiency optimization resulting in minimization of thermal and lighting loads were explored. Professor Todorović also analyzed the importance of reliable implementation of solar PV and wind technologies.

Moreover, a few more case studies covering various issues on architectural modeling, total building performance optimization and potential for energy saving were discussed. Before the end, Professor Todorović stressed that sustainability can only be reached with ethics, harmonious interdisciplinary interaction and a good balance between materiality and spirituality.

BSE would like to thank both Professor Todorović for their time and inspiration.
BSE PhD students and staff participating in the seminar

11 June 2012