27th Special seminar on The IDEC Institute, 14th PHIS Seminar

Date: June 30th, 2023, 12:00〜
Place: Hiroshima University, Graduate School of Advanced Sciences of Matter Build, 6F Seminar room
Online: https://x.gd/nEC90

Title : Introduction of regenerative thinking in the design of built environment

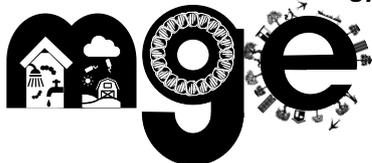**Name** : Assoc. Prof. Mateja DOVJAK, Ph.D.
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Abstract

Building construction in Slovenia and Europe is mainly based on a mechanistic worldview where dualistic thinking is evident with tensions for constant growth and economic benefit. There is an ongoing effort to introduce an ecological perspective through The European Green Deal, The New European Bauhaus, and The Recovery and Resilience Plan; however, it is still not (yet) reflected in our mindset, behavior and action. The current energy crisis has been partially solved by designing closed buildings with air-tightened building envelopes and energy efficient heating, cooling, and ventilation systems. The building sector needs regenerative development (GBES Regeneration Spring 2023, E. Pauwels, A REGENERATIVE PLACE), which requires an ecological mindset and combines the physical, emotional, and spiritual components and modern scientific knowledge (the mind-matter connection). In this way, we have to establish a regenerative culture with a new social value system, altruism, not egoism. The lecture systematically presets consequences of wrong practice as well as the solution, a trans-disciplinary design approach of the regenerative building - a living structured whole with the continuous flux of matter and energy from their environment to stay occupants healthy and productive.

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