

Name of the course:

THEORETICAL FRAMEWORK OF SUSTAINABLE DEVELOPMENT

Teachers: Associate Professor Ph.D. Ksenija Ž. Lalović

Status of the subject: elective

Number of ECTS credits: 2

Subject goal

The course goal is to establish a cognitive framework for understanding, insight, and exploring theory and concepts of sustainability. It aims to develop an understanding of the developmental course of the philosophical and theoretical foundation of the idea of sustainability and sustainable development. It raises awareness and understanding of the critical global positions of operationalizing the concept of sustainability, depending on the social context. It develops the ability to identify the primary theoretical discourses that form the basis of a contemporary approach to operationalizing sustainability concepts. Ability to understand underlying theoretical assumptions that underpin sustainability paradigms in present conditions. Ability to think critically and understand different theoretical approaches to sustainability issues.

Outcome of the subject

The graduate will acquire knowledge of: 1. theories of urban design and the planning of communities; 2. the influence of the design and development of cities, past and present on the contemporary built environment; 3. current planning policy and development control legislation, including social, environmental, and economic aspects, and the relevance of these to design development.

Subject content

Theory The complex and oxymoronic notion of sustainability and sustainable development. A historical overview of the development of the concept of sustainability concerning key global factors: significant political, environmental, social events and movements, the development of philosophical thought, the development and review of the theoretical foundations of action. Establishing a relationship between current theories (by period) and conceptual approaches to the operationalization of sustainability verified through formal documents of the international community. An overview of the theoretical concepts that underpin the contemporary approach to conceptualizing sustainability. Integral theory framework - post-positivist position of critical realism in the contemporary approach to the operationalization of sustainable development. An overview of current planning and design theories concerning the sustainability paradigm and principles of sustainable urban development. Consideration of a critical contemporary global problem of climate change through the prism of different current theoretical approaches to the articulation of urban spaces - a comparative analysis of the nature of cognitive processes depending on the theoretical starting point and limiting the scope of research and operational results.

Literature:

- Douglas Farr, (2008), Sustainable Urbanism: Urban Design With Nature, ISBN-13: 978-0471777519, ISBN-10: 047177751X
- Fainstein, S. (2010). The Just City. New York: Cornell University Press.
- Castells, M. (2009). The Power of Identity: The Information Age: Economy, Society, and Culture. John Wiley & Son
- Hamilton, M. (2008). Integral City, Evolutionary Intelligences for the Human Hive. Canada: New Society Publishers
- Adams, W. (2006). The Future of Sustainability: Re-thinking Environment and Development in the Twenty-first Century. IUCN.
- Nan, E. (2006). Integral Urbanism. London: Routledge, Taylor & Francis Group.
- UN-HABITAT. (2010). Planning Sustainable Cities, UN-HABITAT Practices, and Perspectives. Nairobi, Kenya
- Harvey, D. (2013). Pobunjeni gradovi - Od prava na grad do urbane revolucije, Mediterranean Publishing, Novi Sad
- Niki Frantzeskaki, Vanesa Castán Broto, Lars Coenen, Derk Loorbach, (2017), Urban Sustainability Transitions, Routledge, Taylor & Francis Gr.
- Derk Loorbach, Julia M. Wittmayer, Hideaki Shiroyama, Junichi Fujino, Satoru Mizuguchi, (2016), Governance of Urban Sustainability Transitions: European and Asian Experiences, Springer
- Niki Frantzeskaki, Katharina Hölscher, Matthew Bach, Flor Avelino, (2018), Co-creating Sustainable Urban Futures: A Primer on Applying Transition Management in Cities, Springer

Number of active teaching classes

Lectures: 2	Exercises: 0	OFL: 0	SRW: 0	Other: 0
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Method of carrying out the teaching

Ex-cathedra lectures, interactive lectures, and workshop

Evaluation of knowledge (maximum number of points 100)

Pre-exam obligations	total points 40	Final exam	total points 60
activity during lectures	10	seminar	60
colloquium(s)	30		