

TDK 2021 / Scientific / Art theory

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Recovery / resilience or sustainability of our cities

The past year has fundamentally changed our daily lives and our relationship with cities and with the built environment.

But the epidemic will, we hope, come to an end, and even the most optimistic predictions suggest that we will face dramatic new challenges locally and globally. The effects of Covidc will fade, declining or stagnating economic production will accelerate again and the impact of human activity on the environment will once again be more pronounced: sustainability, overconsumption and global warming will be back on the agenda. The unintentional eating up and destruction of our environment will again intensify and is likely to force us to make significant changes in a relatively short time.

But how does and will the change we experience during COVID affect our worldview. How will it affect our attitude to sustainability or should we increasingly talk about adaptability.

The proposed research can take several forms: theoretical research, which can take a conceptual view of the subject, or it can be linked to the development of a specific problem area, either through personal experience or through examples

Possible research directions:

- Tools for urban resilience and adaptability, both in the built environment and at the societal level
- Urban climate and its impact on urban life
- Suburbanisation or densification: housing preferences under COVID and how they are likely to change: outdoors or back to the city?
- Changes in urban public spaces: the role of land use and landscape

Possible references:

- United Nations, 17 goals - <https://sdgs.un.org/goals>
- Solly, A.; Berisha, E.; Cotella, G. Towards Sustainable Urbanization. Learning from What's Out There. Land 2021, 10, 356. <https://doi.org/10.3390/land10040356>
- Edward B. Barbier, Joanne C. Burgess: Sustainability and development after COVID-19 - <https://doi.org/10.1016/j.worlddev.2020.105082>