

## **Chapter-10**

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# **Perspectives on Challenges and Opportunities for Architecture and Planning Amid the COVID-19 Pandemic**

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### **Abstract**

The coronavirus pandemic caught the whole world unaware and has negatively impacted all segments of several countries' economies. Consequently, the construction industry is not excluded from this significant impact that has affected all industry stakeholders, including architects. The architecture industry, which relies primarily on networking, interaction, coordination, and site visits, has been hit hard, as have other professions and businesses. The pandemic has also served as a wake-up call for architects as it has brought to the surface longstanding problems and highlighted areas in urgent need of reform and improvement. It is evident in history that crises and environmental perturbations resulted in many innovations and changes. This chapter presents the changes from this global emergency, changing lifestyles, and needs affecting architectural production. The underlying causes and potential long-term implications exemplified by outbreaks of COVID-19 in the context of evolving architectural design and planning patterns are presented. Drawing on architectural philosophy, it analyses built environment factors that impact virus spread beyond building design. It aims to provide insights for creating a healthy built environment looking to the future with the potential of more frequent pandemics.

**Keywords:** Biophilia, urbanism, spatial, design

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