

## Enframing the Smart City: Utilizing Heidegger's 'The Question Concerning Technology' as a Framework to Interpret Smart Urbanism

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**Abstract :** Martin Heidegger is considered to be one of the leading philosophical lights of the 20th century with his lecture/essay 'The Question Concerning Technology' proving to be an invaluable text in the study of technology and the understanding of how technology influences the world it is set upon. However, this text has not as of yet been applied to the rapid rise and proliferation of 'smart' cities. This article is premised upon the application of the aforementioned text and the smart city in order to provide a fresh, if not critical analysis and interpretation of this phenomena. The first section below provides a brief literature review of smart urbanism in order to lay the groundwork necessary to apply Heidegger's work to the smart city, from which a framework is developed to interpret the infusion of digital sensing technologies and the urban milieu. This framework is comprised of four concepts put forward in Heidegger's text: circumscribing, bringing-forth, challenging, and standing-reserve. A concluding chapter is based upon the notion of enframing, arguing that once the rubric of data collection is placed within the urban system, future systems will require the capability to harvest data, resulting in an ever-renewing smart city.

**Keywords :** air quality sensing, big data, Martin Heidegger, smart city

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