

Integrating Environmental and Ecological Justice for the Sustainable Development of Smart Cities: A Normative Eco Framework

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Abstract : This paper leverages theoretical insights into two different justice approaches - environmental justice and ecological justice - to examine the effectiveness of sustainable development within smart cities and related smart city technology initiatives. Through theoretical development, the author seeks to establish an Eco Framework for smart cities and urban sustainable development. In turn, this paper aims to proffer the notion that there are ecologically sustainable ways in which smart cities can get smarter, and that such strategies can be compatible with ecological justice and environmental justice. Ultimately, a single conceptual framework is put forward to integrate the above approaches and concepts with normative prescriptions, which can serve researchers in the continued examination of smart cities and policymakers in their sustainable development of smart cities.

Keywords : ecological justice, environmental justice, normative framework, smart cities, sustainable development

Conference Title : ICSCTSD 2020 : International Conference on Smart City Technology and Sustainable Development

Conference Location : New York, United States

Conference Dates : June 04-05, 2020