

## **Sustainability and Sustainability Metrics, Indicators, and Integrated Metrics**

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Sustainability is about managing steering the course of the Earth in a manner that makes continued human existence possible in a reasonably civilized manner. We discuss metrics, indicators, and integrated metrics of sustainability. Sustainability has three pillars: social, economic, and environmental. Hence, indicators and metrics of sustainability must capture a wide range of issues to be useful “steering” the system towards a sustainable trajectory. But these must be based on scientifically sound principles and theories. We further discuss: (1) a specific suite of metrics and indicators, and (2) their relationship among metrics, indicators, and integrated metrics. Lastly we apply some of these concepts to the sustainability of statistical metropolitan areas.