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A Social-Ecological Infrastructural Systems (SEIS) Framework for Inter-Disciplinary Study of Sustainable City-Systems: An Integrative Curriculum Across Seven Major Disciplines

Description

Cities are embedded within larger-scale engineered infrastructures (e.g., electric power, water supply, and transportation networks) that convey natural resources over large distances for use by people living there. Their sustainability therefore depends upon complex, cross-scale interactions between the natural system, the transboundary engineered infrastructures, and the multiple social actors and institutions that govern these infrastructures. These elements are best studied in an integrated manner using a novel social-ecological-infrastructural systems (SEIS) framework.

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