



Peri-urban turbulence

A theoretical framework to explain service gaps in peri-urban areas

Getting water from the river Collecting firewood

Natural infrastructure

Pastureland for animals Wetland for waste disposal

Piped water and sewage connection Tarmac roads for imports

Engineered infrastructure

Electricity connection Levees for flood control

Water User Committees Extended family

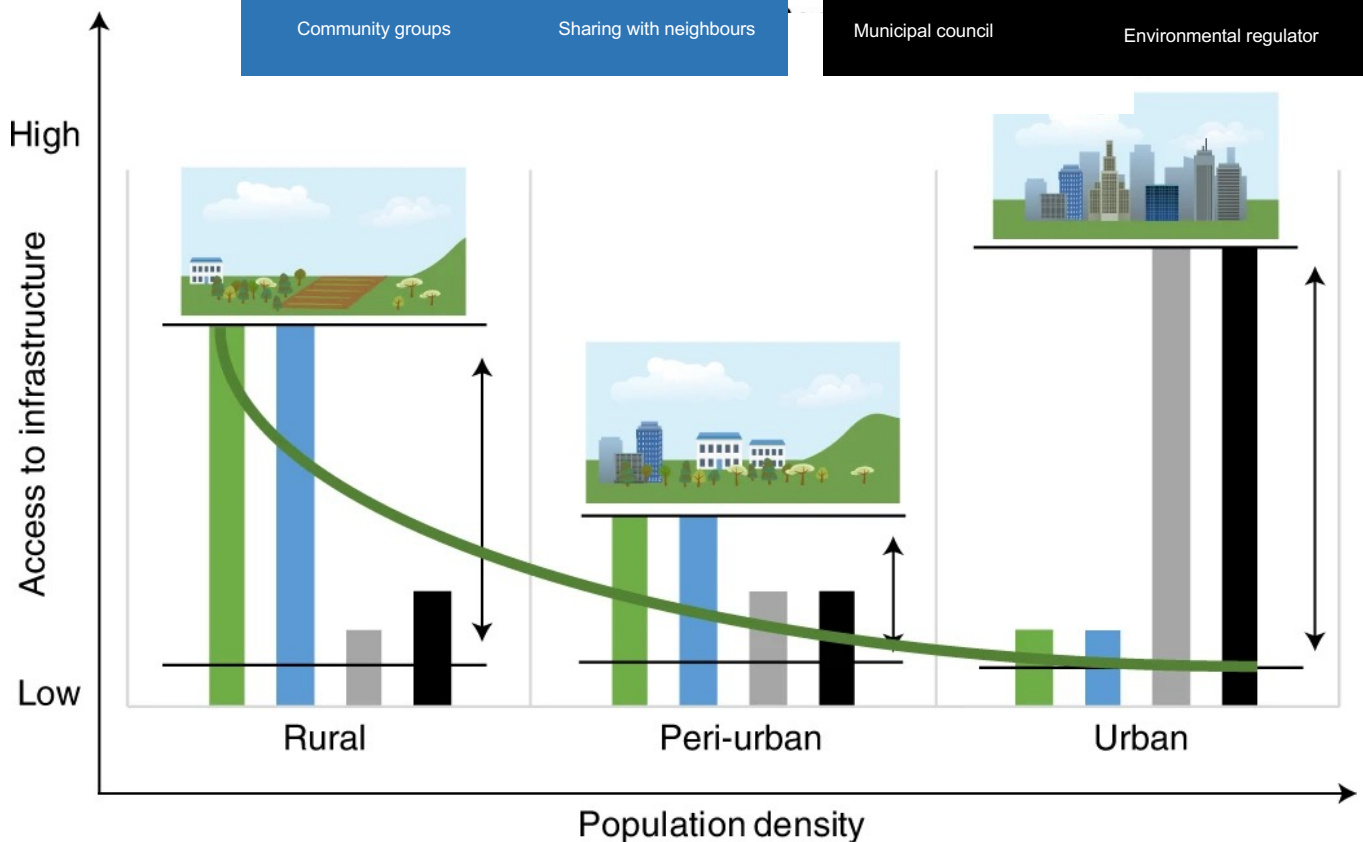
Social infrastructure

Community groups Sharing with neighbours

Water and sewerage utility Electricity utility

Institutional infrastructure

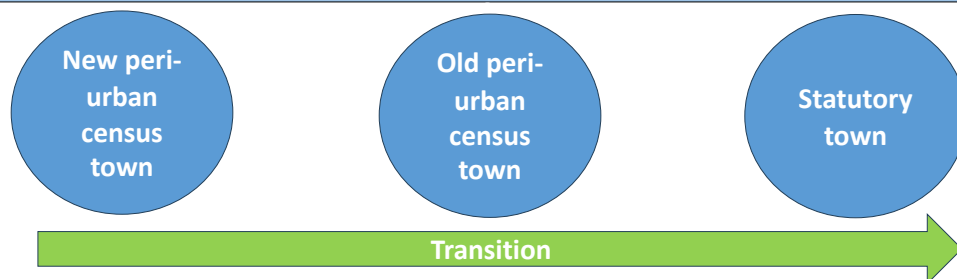
Municipal council Environmental regulator



Overall, services show reduced levels in peri-urban areas. Access to services varies across individuals within each area (arrows), and nature may act as a safety net in many areas across the Global South (green line).

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What next? Testing this framework by quantifying water infrastructure provision in 6 towns in various stages of transition near Mumbai and Chennai cities in India.



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