

# **Institutional Collective Action Dilemmas in the Pursuit of Urban Resilience and Sustainability**

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The benefits of sustainability and resilient urban infrastructure are realized at the regional scale but depend on the actions of individual municipal governments. Cities, not regions, possess the zoning and land-use powers necessary to address climate issues. This spatial mismatch produces collective action problems as sustainability efforts encompass actors across city and county lines linked through shared infrastructure and communication networks. Governance is further complicated by the complex nature of sustainability efforts that crosscut issues such as pollution, land use, transportation, and water use. Mechanisms to mitigate collective action dilemmas range from informal policy networks to consolidated governments. This paper applies institutional collective action (ICA) theory to explore how policy networks and regional governance institutions can mitigate ICA dilemmas in the provision of sustainable and resilient urban infrastructure.