Social Network Analysis of Multisector Stakeholder Collaboration and Engagement in Housing Resilience Planning

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ABSTRACT

Housing resilience planning is a dynamic process that involves multisector stakeholders, including public agencies, private industries, nongovernment organizations (NGOs), academia, and community residents. Despite the importance of multisector stakeholder collaboration, there is limited understanding of stakeholder collaboration in housing resilience planning. To address this gap, this study analyzes how multisector stakeholders collaborate in producing housing resilience-focused plans, reports, and guidelines utilizing social network analysis (SNA). A two-mode, stakeholder-document, SNA model was built based on secondary data collected from 39 documents on housing resilience in three regions, including the City of Miami, the City of Miami Beach, and Miami-Dade County. The network analysis shows that there are significant differences in network measures across different stakeholder sectors. The findings from this study could offer insights on how to facilitate more effective and collaborative housing resilience planning.