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A Cross-Sectional Survey Dataset on Infrastructure Resilience and Community Satisfaction in Coastal Reclamation Regions of Kota Kinabalu

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This dataset presents cross-sectional survey data collected for a study on infrastructure resilience and community satisfaction in the coastal reclamation regions of Kota Kinabalu, Malaysia. The data were obtained from 237 respondents using a structured questionnaire designed to assess residents' perceptions of resilient infrastructure and satisfaction with the built environment. Key constructs captured in the dataset include infrastructure networks, the ecological environment and land use, transportation systems, urban disaster reduction and building resilience, energy provision, and overall community satisfaction. Data analysis was performed using SPSS Version 26 for descriptive statistics and Partial Least Squares Structural Equation Modeling. The dataset confirms the reliability and validity of the proposed measurement model and supports empirical analysis of the relationship between infrastructure resilience and community satisfaction. It provides valuable empirical evidence to inform sustainable infrastructure planning and policy development in reclaimed urban coastal environments.

Files

Coastal case data.csv

IN1	IN2	IN3	IN4	IN5	IN6	IN7	IN8	IN9	EL1	EL2	EL3	EL4	EL5	EL6	EL7	TR1	TR2	TR3	TR4	TR5	TR
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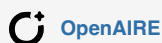
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