

Early design clustering method considering equitable daylight distribution in the adaptive re-use of heritage buildings

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Facade-floor-cluster methodology for determining optimal building clusters for solar access and floor plan layout in urban environments

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Machine learning approach versus prediction formulas to design healthy dwellings in a cold climate

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Making use of point cloud for generating subtractive solar envelopes

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Shadow optimisation of low-impact temporary architecture to improve climatic comfort in urban spaces

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Simulation based daylight uniformity optimizations for elementary school projects in Quebec province

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Tropical responsive envelopes for urban heat island mitigation in tropical countries: A proposed workflow for integrated environmental digital simulation

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Wind comfort analysis and design of small scale elements for improving urban space livability - a case study in Tallinn, Estonia

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