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Proceedings of the 2019 IEEE 1st Sustainable Cities Latin America Conference, SCLA 2019 August 2019, Article number 8905517
1st IEEE Sustainable Cities Latin America Conference, SCLA 2019; Arequipa; Peru; 26 August 2019 through 29 August 2019; Category numberCFP19U67-ART; Code 155050

Diagnostic of habitability of emergency temporary housing in Peru (Conference Paper)

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Abstract

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In Peru, emergency temporary housing (ETH) is currently facing environmental, social, and economic problems. From an environmental perspective, no studies have explored the habitability and internal comfort of these units or the impacts of the materials used. From a social perspective, this type of housing does not generally consider the population's characteristics and socio-cultural relationships in its settlement patterns or interior design. Finally, ETHs are expensive for the government owing to the lack of planning or the difficulty in adapting the units. This enables us to assert that the current response is insufficient. By conducting a field analysis of three types of ETH units in the three major geographic regions of Peru, a diagnostic methodology is used to identify problems and possible solutions in response to each region's habitability condition. The resulting conclusion contributes to organizing a comprehensive response plan to natural phenomena. © 2019 IEEE.

Author keywords

Emergency temporary housing Habitability Post-disaster housing Thermal comfort

Indexed keywords

Engineering controlled terms: Architectural design Sustainable development Thermal comfort

Engineering uncontrolled terms: Diagnostic methodology Economic problems Habitability Interior designs Natural phenomena Post disasters Settlement patterns Social perspective

Engineering main heading: Housing

Funding details

Funding sponsor	Funding number	Acronym
Beijing University of Civil Engineering and Architecture		BUCEA
Birla Institute of Scientific Research		BISR
University of Bath See opportunities ↗		

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We thank the Institute of Scientific Research at the University of Lima and the Department of Architecture and Civil Engineering at the University of Bath, the institutions and the inhabitants of the visited communities who collaborated. Special recognition goes to participants Valeria Burga-Cisneros and María José Gómez Dextre and to Dr. Cristina Dreifuss.

ISBN: 978-172813967-8

Source Type: Conference Proceeding

Original language: English

DOI: 10.1109/SCLA.2019.8905517

Document Type: Conference Paper

Publisher: Institute of Electrical and Electronics Engineers Inc.

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