

عنوان مقاله:

Climate Patterns of houses in Tropical Climates Case study: Houses of Bandar-e-Lenge

محل انتشار:

کنفرانس بین المللی عمران، معماری و توسعه پایدار شهری (سال: 1392)

تعداد صفحات اصل مقاله: 13

نویسنده:

Niloufar Nikghadam - Faculty Member, Faculty of Art and Architecture, Islamic Azad University, South Tehran Branch, Tehran, Iran

خلاصه مقاله:

Neglecting climate patterns in buildings, which followed the modern era, resulted in excessive consumption of fossil fuels and the consequent environmental pollutions. Effects have been even greater in severe climates such as tropical. The objective of this research is to find climate-oriented targets and solutions in hot and humid areas in order to apply them in the today architecture. The present study has initially categorized the experts' viewpoints on the architecture in tropical climates, as well as targets, solutions, and features of the architecture in such regions. It has then tested the results on vernacular houses of Bandar-e-Lenge in southern Iran. The results show that in the mentioned area, climatic solutions have been employed to moderate the temperature and the high humidity, and that the local houses in Bandar-e-Lenge are consistent with climate patterns. These features have contributed to the moderation of severe climate components of the zone. Thus, applying them in today houses can reduce the consumption of fossil fuels and can result in the protection of the environment

کلمات کلیدی:

Climate, architecture, hot and humid, house, bandar-e-lenge

لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/274803>

