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**A Proposed Model to Measure Planning
Criteria for Residential Districts
(A Case Study of Riyadh Districts)**

Dr. Esam Al-Din M. Ali
Associate professor, Dept. of Urban Planning
College of Arch. and planning, King Saud University
Riyadh, Kingdom of Saudi Arabia

Abstract:

Riyadh Municipality adopted planning criteria for Riyadh residential districts. These planning criteria are; residential densities, streets ratio, public services ratio, and some public services per capital such as mosques, schools, and medical centers. On the other hand, Riyadh Municipality do not care to measure the planning criteria after applied to be ensuring that they are suitable for resident's needs. This negligence affects negatively on the districts development plans which depend on periodic and accurate information concerning resident's needs. Also, the districts development plans aim to achieve appropriate environment for residential districts and deal with the limitations.

The research importance appears on finding scientific way to measure planning criteria for Riyadh residential districts. The proposed model is an assisting tool to achieve appropriate planning criteria for residential districts.

The research aims to design a model. The model objectives are; measuring the existing planning criteria of Riyadh residential districts, making a comparison between the existing criteria and the applied planning criteria, and showing the limitations.

The research consists of two frames to achieve its objectives: A theoretical (analytical) frame and an application (practical) frame. A theoretical frame provides a review of relevant literature in the field with specific emphasis on planning criteria of Riyadh residential districts. An application frame depends on computer software that assists to design the model. Also, this frame explains how to apply the model for measuring and comparing the existing planning criteria in some Riyadh residential districts (case study).