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Assessors Technical Qualifications as per Global and Local Green Buildings Ratings Systems: Analytical Comparative Study

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Abstract:

The Assessors play a vital role in evaluating and certifying buildings according to sustainability standards. Specific technical qualifications and competencies are required to assess projects accurately and ensure alignment with the holistic approach to sustainability, which encompasses environmental, economic, and sociocultural aspects. This research investigates the technical capabilities which are required for the assessors in both global and local green building rating systems, such as LEED, BREEAM, DGNB, UAE Estidama with a particular focus on Egypt's Green Pyramid Rating System (GPRS). The research problem is the limited technical capacity of assessors at the local level, which undermines the effective implementation of the GPRS framework in Egypt. Through a comparative and SWOT analysis of global and local green building rating systems, the research examines the technical qualification standards for assessors, highlighting best practices and gaps in current practices. The primary aim is to propose strategies to enhance the technical qualifications of GPRS assessors, thereby aligning them with international standards and improving the system's overall credibility and performance. The research outcomes provide actionable recommendations to strengthen the technical expertise of local assessors, including targeted training programs, certification requirements, and ongoing professional development initiatives. By addressing these challenges, the study seeks to elevate the performance of the Egypt GPRS system, contributing to the broader adoption of sustainable practices in the built environment.

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Assessors; Technical Qualifications; Sustainability; SWOT Analysis

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