

رقم البحث: (٤)

تاريخ النشر: April-2019

مكان النشر: المؤتمر الدولي الثامن لقسم العمارة كلية الهندسة -جامعة القاهرة بعنوان (بناء المستقبل الان الحق في حياة وعمارة وعمران أفضل).

## **Activating Human Aspects Through Users' Participation In Post-Occupancy Evaluation Of Buildings**

**Abdullah Badawy Mohammed Goda**

*Lecturer, Architectural Engineering Department, Faculty of Engineering, Fayoum University*

### **Abstract**

Post-occupancy evaluation is the most important stage in the life cycle of buildings and the measurement of their performance that has many aspects: functional, human, physical, technical, environmental, and other aspects that depend on the nature of a building, which should not be ignored or overlooked. Many specialists have focused on all aspects and do not care enough about the human aspect. Therefore, the research aims at activating human aspects of a building during the processes of post-occupancy evaluation to achieve users' satisfaction and comfort by users' participation will be activated at various stages of post-occupancy evaluation; also, after submission, and implementation of its results and recommendations. In addition, a new formulation of the post-occupancy evaluation framework will be deduced from a previous study was analysed. This framework takes into consideration human aspects through the quality indicators of these aspects will be connected and inserted at all post-occupancy evaluation stages. Through users' participation will be activated as an effective and influential tool can deal with those standards and indicators to support and improve users' satisfaction and comfort within buildings. Besides, methods and means of collecting information will be used such as questionnaires. Questionnaires are an effective way for users' participation in evaluating factors and standards of human aspects based on the quality indicators of building and human performance. In addition, how to questionnaires are conducted by "Kano's Model" for measuring and evaluating performance, users' comfort, and satisfaction inside architectural spaces and buildings. Eventually, the practical example on one of the quality indicators of human performance "Indoor Air Quality" will be conducted.

**Keywords:** Post-Occupancy Evaluation (POE), Human Aspect, User's Satisfaction, Kano's Model, User's Participation.