

## **APPLICATION OF INTEGRATED ENVIRONMENTAL MANAGEMENT MODEL ON ONE OF EGYPTIAN HOSPITALS**

**EL NADI, M. H.& YOUSRI, I. M**

Professor of Sanitary & Environmental Engineering, Faculty of Engineering, Ain Shams Univ., Cairo, Egypt  
M.Sc. in Env. Sc. (Environmental Engineering), Ain Shams University, Cairo, Egypt

### **ABSTRACT**

Recently, with significant advances in management expertise, interest in health system performance assessment has evolved exponentially; the presence of an efficient evaluation system seems inevitable. One of the organization's serious issues is known to be the lack of assessment in different areas of the building, including the evaluation of building components and facilities.

In enhancing and maintaining the health and welfare of the Egyptian people, the Egyptian health system faces many challenges. The framework is faced not only with the burden of battling poverty-related diseases and the lack of education, but also with numerous economic difficulties in hospital management, in order to ensure the provision of optimal organizational and medical services. [1]

Whereas, many environmental issues have been observed during operation of healthcare facilities. Therefore, the need to implement an integrated hospital management system has arisen to improve the efficiency of the building from an environmental aspect and an engineering aspect as well.

**KEYWORDS:** Integrated Environmental Model – Egyptian Hospital management – Environmental management for healthcare facilities - Healthcare facilities management – Integrated hospital management – Hospital buildings improvement