

[Effectiveness of environmental-based educative program for disaster preparedness and burn management.](#)

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**Source**

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**Abstract**

Preparedness is a necessity for proper handling of emergencies and disaster, particularly in Suez Canal and Sinai regions. To assure best success rates, educative programs should be environmentally based. Burn and fire preventive educative programs were tailored to adapt social and education levels of audience. In addition, common etiologies and applicability of preventive measures, according to local resources and logistics, were considered. Presentations were the main educative tool; they were made as simple as possible to assure best understanding. To assure continuous education, brochures and stickers, containing most popular mistakes and questions, were distributed after the sessions. Audience was classified according to their level of knowledge to health professional group; students groups; high-risk group; and lay people group. For course efficacy evaluation, pre- and posttests were used immediately before and after the sessions. Right answers in both tests were compared for statistical significance. Results showed significant acquisition of proper attitude and knowledge in all educated groups. The highest was among students and the least was in health professionals. Comprehensive simple environmental-based educative programs are ideal for rapid reform and community mobilization in our region. Activities should include direct contact, stickers and flyers, and audiovisual tools if possible.