World Academy of Science, Engineering and Technology
International Journal of Medical and Health Sciences
Vol:12, No:10, 2018

Lessons Learned from the Disaster Responses after the Kermanshah Earthquake

Authors : S. M. Amin Hosseini, Oriol Pons, Albert de la Fuente

Abstract : An earthquake hit the Kermanshah province, which is located in the west of Iran, on 12th November 2017 at 18:18 UTC (21:48 Iran Standard Time). This earthquake caused several deaths and injured people. In this disaster, substantial homes were destroyed and many homes were damaged. The Iranian government, local authorities, and several non-governmental organizations responded to affected populations' needs, such as foods, blanket, water, a tent as a temporary shelter, etc. Considerable national groups, including governmental, non-governmental organizations, and people from non-organized groups, directly and indirectly, tried to bring donated goods to the affected populations. However, some of these aids could not satisfy all the affected populations. Moreover, these impossibilities led to waste extensive resources. In this regard, this research study aims to assess the problems of the Kermanshah disaster responses. At the same time, this project searches possible solutions in order to increase emergency management efficiencies for encountering future events. To this end, this study assesses the problem from all beneficiaries´ point of views. In this regard, a survey and a questionnaire were designed for statistical analyses of the responses of people, who were involved in the Kermanshah earthquake recovery program. Additionally, this research study takes into account diverse strategies, which have been applied in other recovery programs, with the Kermanshah case in order to determine similarities and differences. Finally, this study presents possible solutions taken from other recovery programs that could be applied for the Kermanshah emergency responses. However, the results demonstrate that it is required to customize applied strategies based on local conditions and requirements.

Keywords : disaster response, Kermanshah earthquake, natural disasters, NGOs
Conference Title : ICDFA 2018 : International Conference on Disaster and First Aid
Conference Location : Rome, Italy
Conference Dates : October 30-31, 2018

Open Science Index, Medical and Health Sciences Vol:12, No:10, 2018 publications.waset.org/abstracts/89461.pdf