

## عنوان مقاله:

Investigation the factors affecting the effectiveness of rescue & relief teams to respond to the crisis in Ilam province

## محل انتشار:

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## خلاصه مقاله:

Introduction: Today, natural disasters and crises are as the barrier to sustainable development due to lack of planning and lack of proper preparation and response impose a heavy toll to the communities. This study aims to investigate the factors influencing the effectiveness of rescue and relief teams to respond to the crisis in Ilam province. Methods: In this applied research, about ۱۲۰۰ volunteers' rescuers and relief workers were selected and studied by using stratified random sampling, standard questionnaire and indicators such as descriptive statistics, percentage, mean, standard deviation, coefficient of variation, inferential statistics, multivariate regression analysis and spearman's correlation in Ilam province in ۲۰۱۳. Findings: According to the results, the coefficient of multiple regression correlation estimated  $R=۰/۷۱۹$ ; the coefficient of determination was  $R^2=۰/۵۸۳$  and the adjusted value was  $R^2=۰/۵۶۲$  ( $sig=۰/۰۰۰$ ). About ۵۶/۲% of rescue and relief teams' effectiveness was identified based on the adjusted coefficient of determination by variables of interest and mental and physical preparedness of rescue and relief teams' members. Conclusion: The items such as the amount and type of equipment used, interest of rescue and relief teams' members, spirit of team working, physical and mental readiness of rescue and relief teams' members affect on the teams effectiveness to respond to the disasters and crises. However, teams' organization has no effect on the efficacy; in other words, the effectiveness of rescue and relief teams is independent from organizing

## کلمات کلیدی:

,crisis management, effectiveness, relief & rescue teams, accidents and incidents, Ilam province

مدیریت بحران, اثربخشی, تیم های امداد و نجات, حوادث و سوانح, استان ایلام.

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