



# Eilat Fire and Rescue Service

**Planning an Exercise and  
Disaster Rescue Emergency  
Site**

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# Map-Based Desktop Drill





# Map-Based Desktop Exercise

- Begin the exercise using a diagram or map of the neighborhood, around a table where rescue situations and dilemmas to be faced by the volunteer unit will be simulated.
- The head of the volunteer unit will prepare exercise scenarios and input data during the exercise.
- The scenarios will simulate a wide range of earthquake situations.
- The range of scenarios will cover different times of day, the collapse of buildings of various types, different earthquake intensities, weather conditions, the number of rescuers present, and more.



# Exercise in the field

- In order to carry out exercises in the field, a disaster rescue training site must be set up.
- The local authority will be responsible for setting up the site for the volunteer unit; no disaster rescue training site may be created without local authority approval.
- The choice of a training site location will take into account the need to keep passersby out of the site, since the site might pose a safety risk.
- Site setup: When setting up the site, we must make sure to use personal protective gear, including rescue helmets, high-top shoes and work gloves.



# Disaster Site





## Requirements for Setting Up a Training Site for a Group of 18 Participants



- Training area of 10 X 10 meters
- 4 concrete slabs, 1 X 1.5 meters or more in size
- Home furnishings, e.g. tables, wardrobes, chairs and beds
- Pipes of different kinds: metal, copper and plastic
- Wooden beams, e.g. electric poles
- Plastic items, such as garbage cans and storage containers
- Clothing, shoes and other personal items
- Eight clothed human-size dummies



# Site Setup by Stages



- Flatten the area on which the site will be constructed.
- Disperse furniture and personal items, metal pipes and wooden beams, in order to practice all of the rescue exercises studied.
- Place the dummies at a distance suitable for ensuring that the teams can work independently.
- Dummies should be trapped according to the rescue operations to be drilled. For instance, one dummy might be positioned underneath two concrete slabs, for a lifting exercise. Another might be “trapped” under an iron pipe or wooden beams, for a cutting exercise. It is recommended to scatter building debris around in order to practice basic evacuation.
- The rest of the items available should be scattered around the site.