

Qademah Fault Seismic Data Set
Northern Part
2D Profile, 312 CSGs, 264 Receivers

Objective

Is the Qademah fault that was detected in 2010 the main fault?

We collected a long 2D profile, 526 m, where the fault that was detected in 2010 is at around 300 m.

Layout

We collected 264 CSGs, each has 264 receivers. The shot and receiver interval is 2 m.

We also collected an extra 48 CSGs with offset = 528 to 622 m with shot interval = 2 m. The receivers are the same as the main survey.

Download the data

1. The complete data in MatLab format from [here](#). This data set has the following parameters:

- i. Time interval (dt)=0.001 s
- ii. No. of samples/trace = 5000
- iii. Total recording time = 5 s
- iv. No. of shots = 312
- v. No. of receivers = 264

2. The dpik format, since the data set is too big to fit in the memory, I divided it into 6 groups, groups 1 to 5 are the 264 CSGs and group 6 is the extra CSGs. This data set has the following parameters:

- i. Time interval (dt)=0.001 s
- ii. No. of samples/trace = 501
- iii. Total recording time = 0.5 s
- iv. No. of shots = 312
- v. No. of receivers = 264

- b. Download Group 1 from [here](#), CSGs 1 to 50
- c. Download Group 2 from [here](#), CSGs 51 to 100
- d. Download Group 3 from [here](#), CSGs 101 to 150
- e. Download Group 4 from [here](#), CSGs 151 to 200
- f. Download Group 5 from [here](#), CSGs 200 to 250
- g. Download Group 6 from [here](#), CSGs 265 to 312