Sirjan Tangueh Dam, Iran

PROJECT SUMMARY
Name: Sirjan Tangueh Dam, Iran
Year: 2018
Client: Kerman Regional Water Authority
Instrumentation: Larzeh Sakht Savalan
Consultant: Mahab Ghodss Consulting Eng.

OVERVIEW
This Earth-Rock fill Dam was built 160 km south of Kerma. Aims of dam construction are storage of flood and river run-off for irrigation and drinking water for Sirjan and its Industries.
Height: 71m
Crest Length: 1100 m
Reservoir Volume: 38.2 Mm³

MONITORING
Monitoring of the dam construction integrity and long-term safety is carried out by recording measurements.

PRODUCTS USED
Portable MEMS Inclinometer system
For measuring lateral displacement
Reed Switch Probe
For use with the GEO-XM system