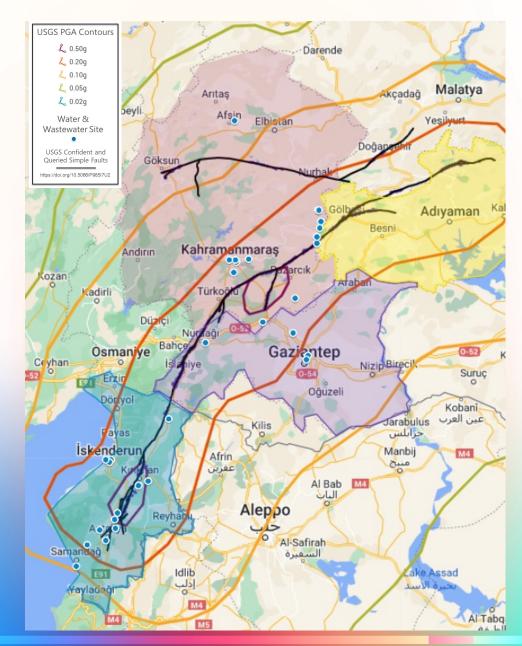


Agnda



W Ifatructue Prormance

- W Utilities
 - KASKI Kahamanmaaş tw and Seag Administion
 - HISU HIS Wand Spag Administrion
 - GASKI Gaziatep tw and Stag Administrion
 - Adışıman
- Pump Stions (3+)
- Tinsmission Ifatructue (map)
- **th t**s (4+)
- tw and two Etmenticilities
 - Matain retarreta Plats (9)
 - ₩ ÆtamethPlats (3)



W Ifatructue Promance – W Utilities



W Ifatructue Promance - Ditribution



W Ifatructue Prormance - Etamenacilities



W Ifatructue Prormance - Etmen acilities







WWTP Narlie, H

- Esimed PGA/PVG
- 0.57g / 97 cm/s for M7.8
- 0.03g / 13 cm/s for M7.7
- 0.54g / 87 cm/s for M6.3
- Opened in 2019
- Jegoued under tructues
- Not in opetion due to the damag to the membanes



WWTP Kirikhan, H

- Esimed PGA/PV3
- 0.60g / 97 cm/s for M7.8
- 0.03g / 17 cm/s for M7.7
- 0.14g / 12 cm/s for M6.3
- Opened in 2019
- No gound impement
- Stlemethaound the pools
- Not in opetion due to tructual damag in the pools







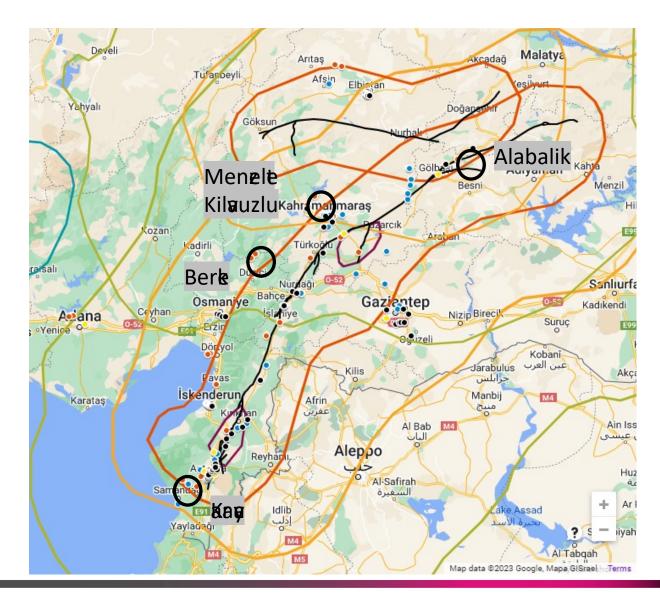
WWTP Seripl, Hp

- Estimed PGA/PVG
- 0.72g / 104 cm/s for M7.8
- 0.03g / 12 cm/s for M7.7
- 0.43g / 48 cm/s for M6.3
- Opened in 2017
- No gound impement
- Signifiens demenation demonstratures up to 0.85 ft
- Not in opetion due to tructual damag in the pools



M Ifatructue Promance - Dams

- Embankmet Dams
 - Sulansuyu
 - Sugu
 - Kralka
 - Arikliks
- Høpelectric Dams
 - Alabalik (5 MW)
 - Menæle (124 M) 1992)
 - Kilauzlu (54 M)/2012)
 - Berk (504 M) 1999)
 - kap (3.3 M)M1999)





W Ifatructue Prormance - Dams

- Alabalik Dam
 - 5MW rier dam
 - Near ault
 - Slope ability issues upeam
 - Cacking in some once tructues
 - Nearly landslides
 - Esimed PGA/PVG ass:
 - 0.40g 83 cm\$ for M7.8
 - 0.26g 56 cm\$ for M7.7



₩ Ifatructue Prormance

Insportion Ifatructue Promance - Bady



Insportion Ifatructue Prormance - Bads

M

■ Turkglu, Kahamanmaas



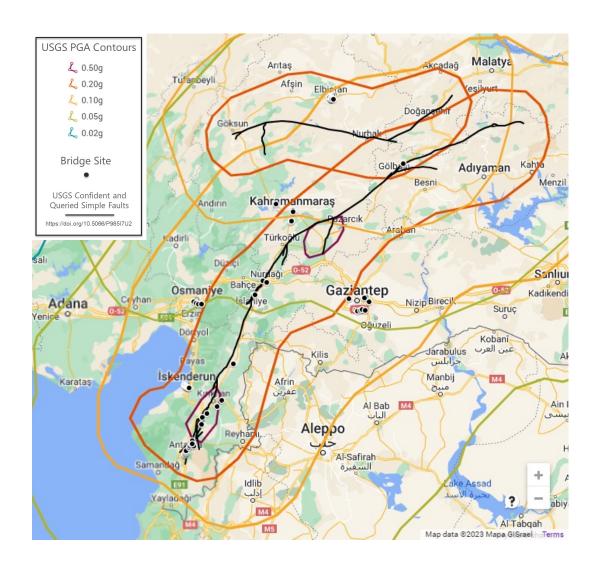






Insportion Ifatructue Prormance - Bridgs

- Visited Bridgs/Viaducts
 - 66 bridg sits
 - 98 bridgs
 - 1 bridge 35 sites
 - 2 bridges 30 sites
 - 3 bridges 1 site
- Damag
 - 2 ollaped
 - 8 s**e**e
 - 13 mode**t**
 - 75 litle/none





Insportion Ifatructue Prormance - Bridgs





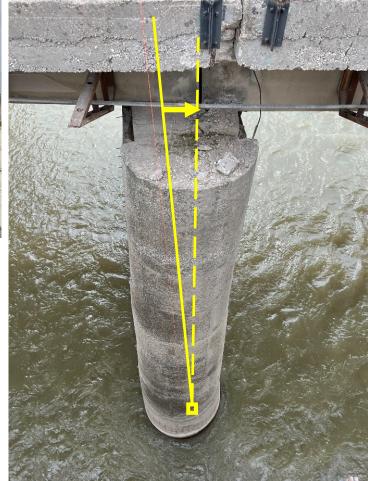
Insportion Ifatructue Promance - Bridgs





Insportion Ifatructue Promance - Bridgs

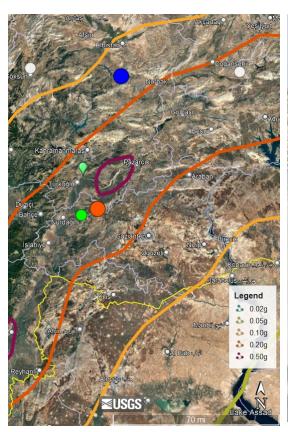




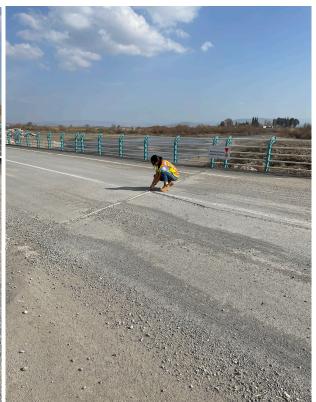
Insportion Ifatructue Promance - Bridgs



■ Trkglu, Khamanmaas







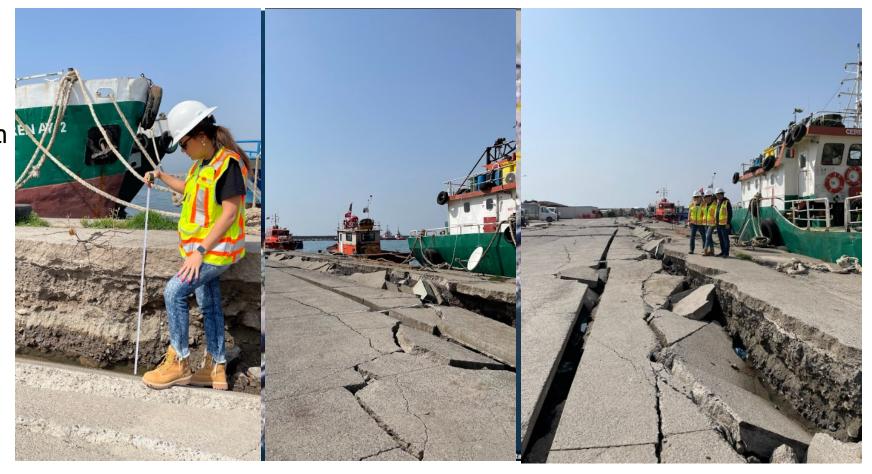


The lags displacemen ~ 6 in (15 cm)

Insportion Ifatructue Prormance - Brts



- - Signifiet leal speading (~ 3 ft)
 - Seismially induced stlemeth (~2.3 ft).



Insportion Ifatructue Promance - Airports



Insportion Ifatructue Promance

MPERA