



SMAP Cal and Val over Kuwait desert

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Soil Moisture Campaigns-Kuwait Desert

- 1. Field campaign 2000
- 2. Field campaign 2006
- 3. Field campaign 2011

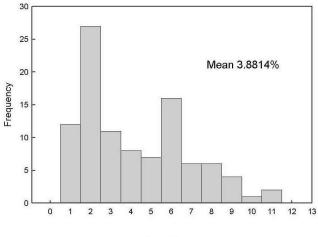




Field campaign - year 2000 Project SP03/02 Funded by Kuwait University

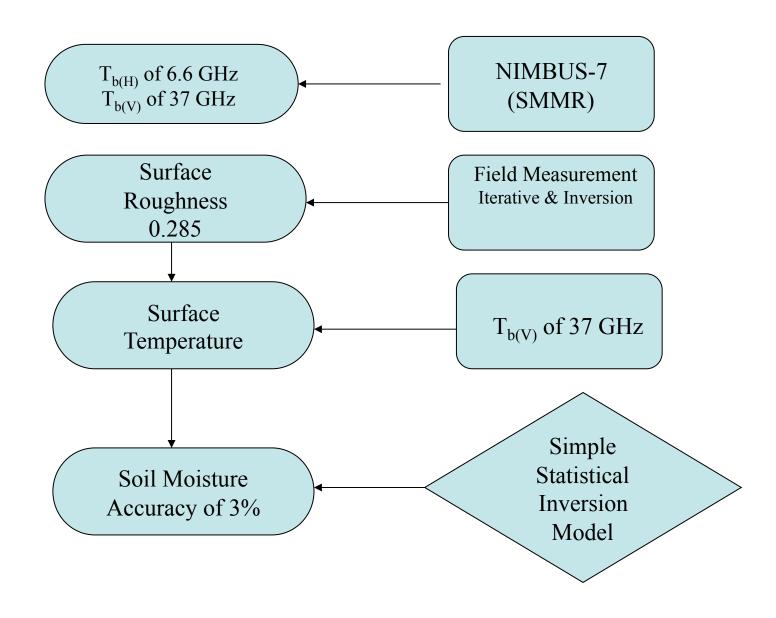






moisture %

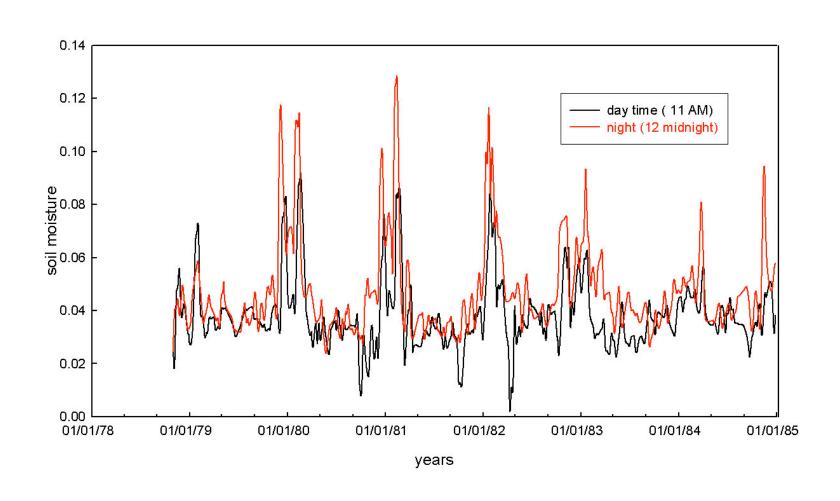
Soil Moisture Retrieval from SMMR







Time series of retrieved soil moisture for day and night passes



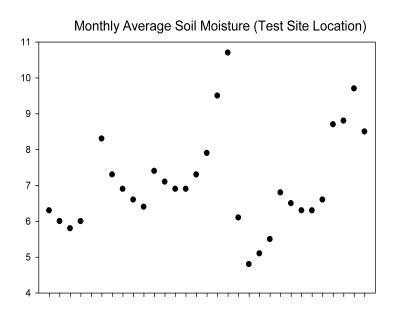


Field campaign - year 2006



Project SP06/04 Funded by Kuwait University (AMSR-E)





FEB-0, JULY, JUN-0, MARY-(
SEP-0, AMB-0, AMB





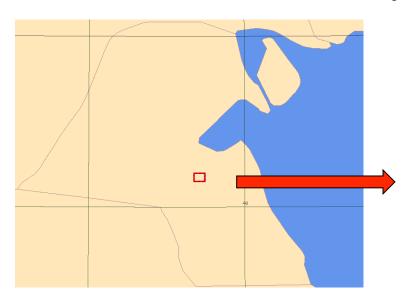
Field campaign - year 2011

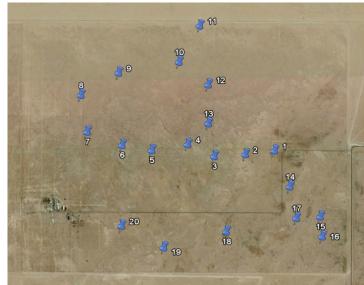
Kuwait Water, Climate & Vegetation
Project
under
Kuwait-MIT
Funded by KFAS



Survey area Sulaibiya - KISR







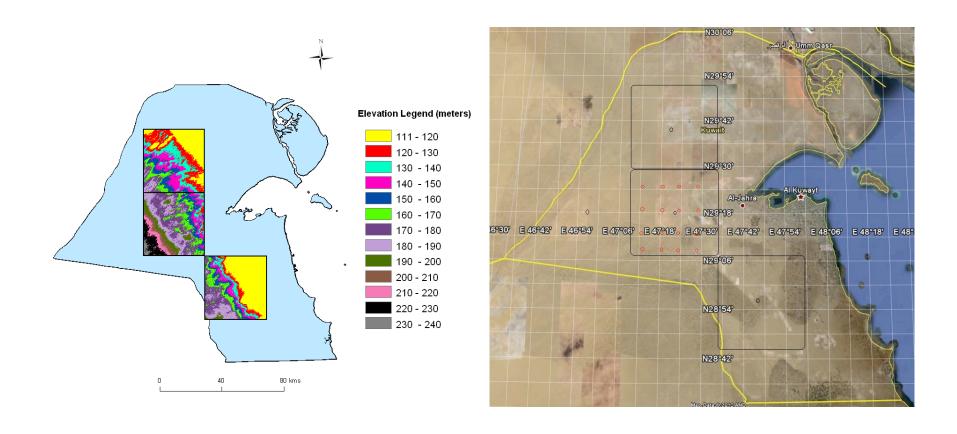








SMAP Test Sites



DEM of three pixels of 40 km resolution of SMAP is shown in the background of Kuwait The elevations vary from 110 to 140 m.