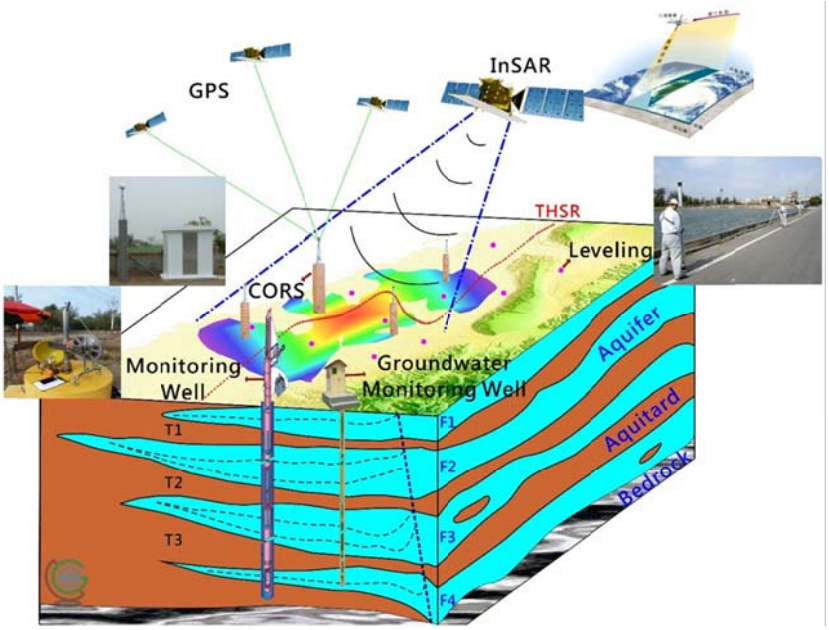
2018/11/09 地層下陷防治國際交流-參訪介紹

The Workshop on Land Subsidence Induced by Fluid Extraction

本次參訪行程安排 2 地點，一為雲林縣土庫國中，水利署於雲林土庫國中設置多元地層下陷監測設備，包含 GPS 站、地層下陷監測井、深層水準樁及地下水位觀測井等，可由空中、地面及地下全面監測地層下陷變化狀況；另一為湖山水庫，湖山水庫為台灣第一座為解決雲林地區地面水源不足及減緩地層下陷的水庫，總蓄水量 5,347 萬立方公尺，與集集攔河堰聯合運用，可提高雲林地區供水穩定，帶動區域發展，藉此參訪行程與聯合國地層下陷防治委員會各國代表充分進行地層下陷監測設備的現地技術交流及台灣因應地層下陷作法。

There are 2 locations for this field trip. One is the Tuku Junior High School, where the Multi-Sensors monitoring System including GPS, Multi-Layer Compaction Monitoring well, Deep Benchmark and Groundwater Monitoring well, etc. were set up by Water Resource Agency (WRA). Therefore, the changes of land subsidence can be comprehensively monitored. The other is Hushan Dam which is the first reservoir in Taiwan to solve the problem of insufficient surface water resources and slow down the subsidence in Yunlin area. The total water capacity is 53.47 million cubic meters. It

operates with Jiji Weir can improve the stability of water supply and promote the regional development in Yunlin area. The exchanges of subsidence monitoring technology and preventive action with UNESCO WGLS members can be fully proceed in this field trip.



Multi-Sensors monitoring System

Hushan Dam

Laser2018 活動介紹網頁

http://www.laser2018.org.tw/Home.aspx