Results showed differentiations in GPR responses and its seasonal variations and interrelationships of different soil environmental factors.

Measured the soil environmental parameters such as volumetric water content, electrical conductivity and temperature by soil sensors every 15 minutes and stored in datalogger.

Measured the other soil physicochemical parameters such as soil organic matter, pH, calcium, magnesium content etc. in lab.

Readings of GPR response by hand-held GPR-instrument twice daily in every seasons.