

Supplementary

Table S1. Akaike information criterion for different fitting distributions.

Distribution	Akaike Information Criterion (AIC)
Region 1	
Lognormal (Maximum Likelihood)	151.969
Log-Pearson type 3 (Méthode SAM)	152.521
Weibull (Maximum Likelihood)	158.323
Gumbel (Maximum Likelihood)	158.666
Normal (Maximum Likelihood)	174.524
Region 2	
Lognormal (Maximum Likelihood)	162.878
Log-Pearson type 3 (Méthode SAM)	164.840
Weibull (Maximum Likelihood)	166.798
Gumbel (Maximum Likelihood)	165.008
Normal (Maximum Likelihood)	179.205

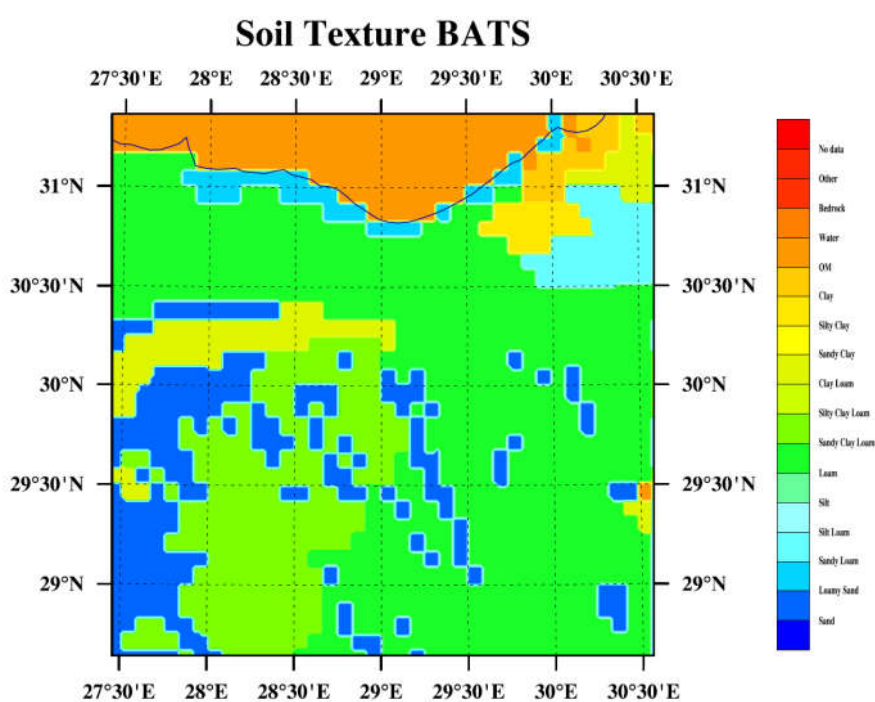


Figure S1. Soil texture in the study region.