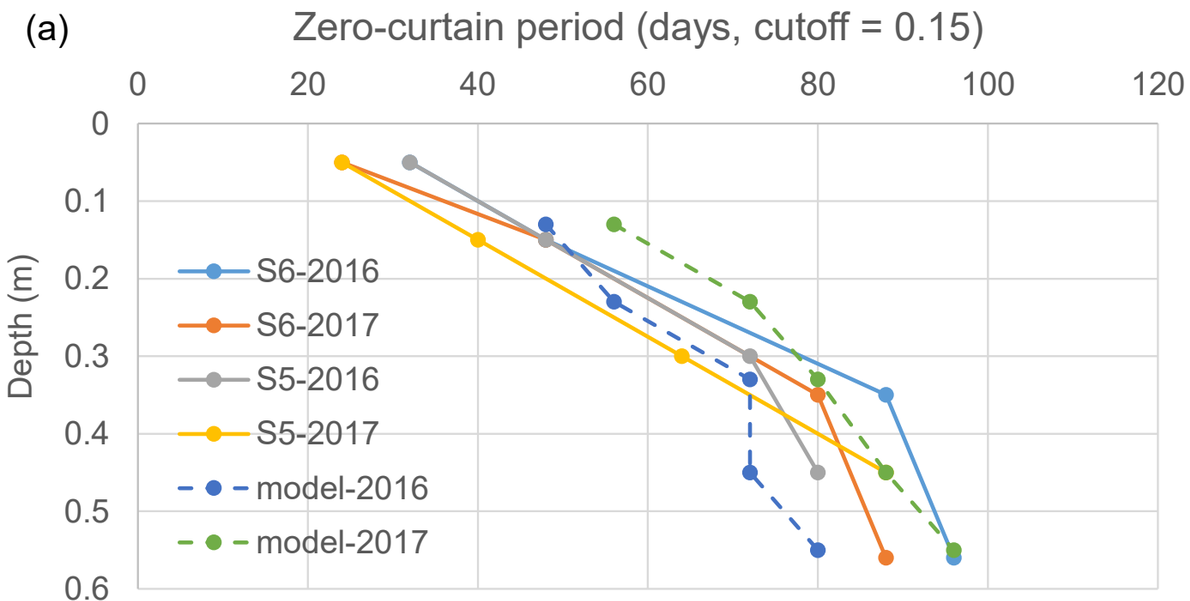
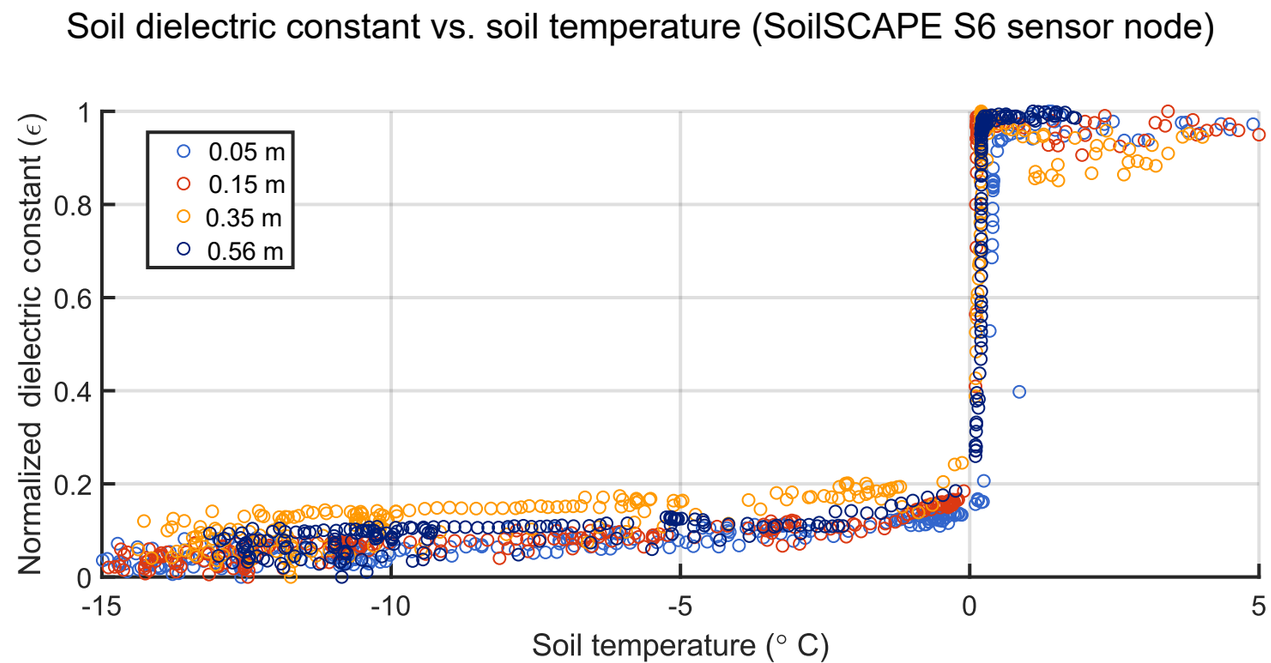

(a)
Zero-curtain period (days, cutoff = 0.15)
0
20
40
60
80
100
120
Depth (m)
0
0.1
0.2
0.3
0.4
0.5
0.6
S6-2016
S6-2017
S5-2016
S5-2017
model-2016
model-2017


(b)
Soil dielectric constant vs. soil temperature (SoilSCAPE S6 sensor node)
Normalized dielectric constant (ϵ)
1
0.8
0.6
0.4
0.2
0
0.05 m
0.15 m
0.35 m
0.56 m
-15
-10
-5
0
5
Soil temperature (° C)