

## Supplementary material

### Quantification of In-situ Remediation of Deep Unsaturated Zone and Groundwater

Ilil Levakov, Zeev Ronen, Tuvia Turkeltaub, Ofer Dahan

Department of Environmental Hydrology & Microbiology, Zuckerberg Institute for Water Research, Blaustein Institutes for Desert Research, Ben-Gurion University of the Negev, Sde Boker Campus 8499000, Israel.

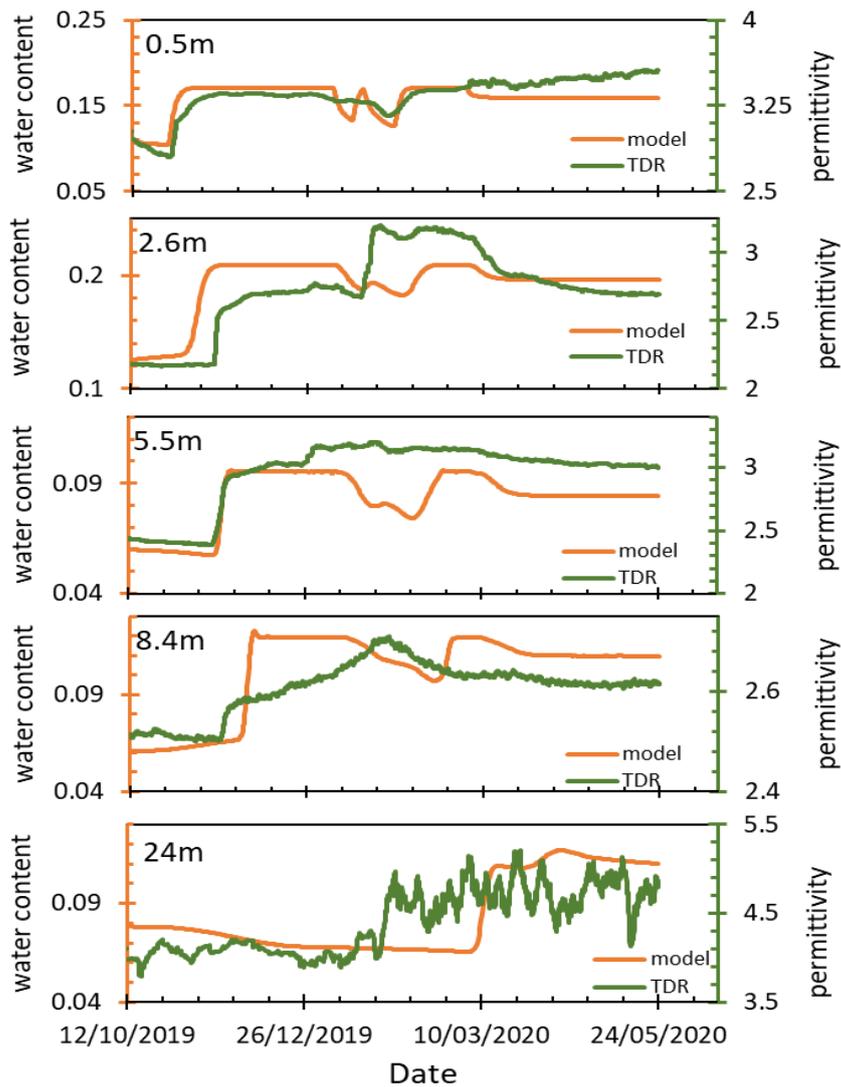
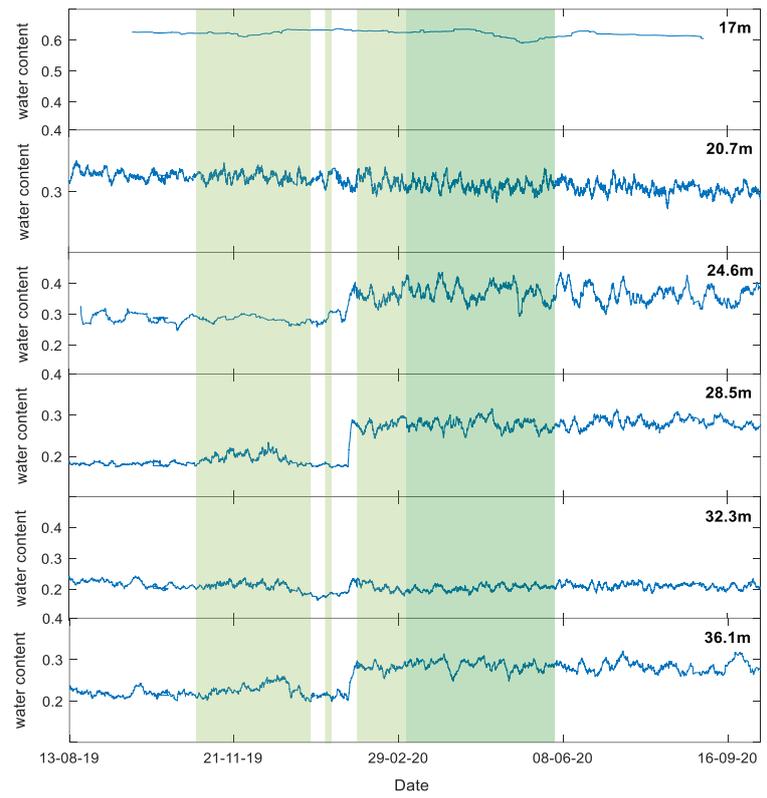
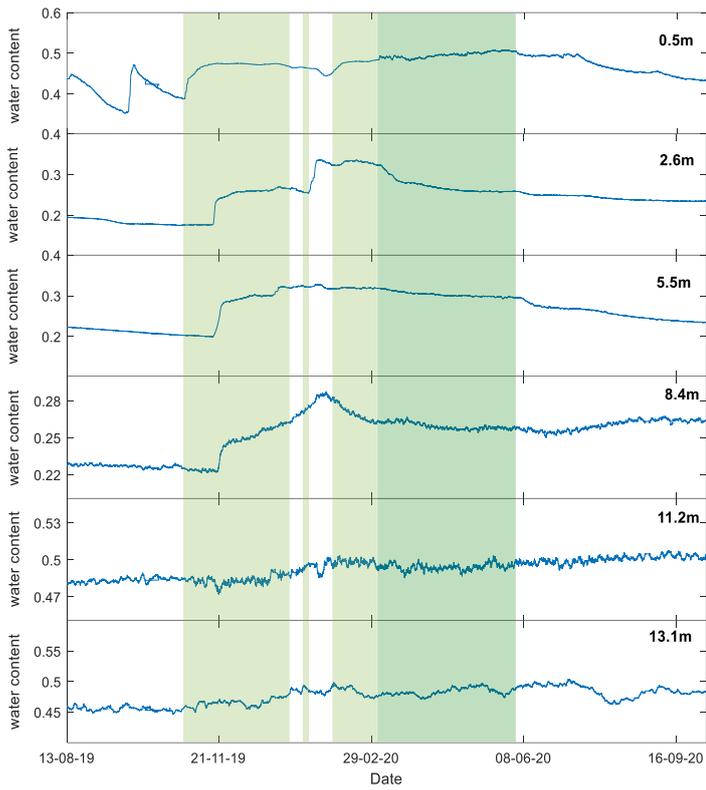


Figure S1: Comparison of water content information along the experiment between the model prediction (red) and the TDR sensors (blue) in depth of 0.5 and 8.4 m.



**Figure S2- Water-content information, measured by TDR sensors along the vadose zone. During the experiment, groundwater was applied with high irrigation rate (3 m<sup>3</sup>/day-light green) or low irrigation rate (1.7 m<sup>3</sup>/day- dark green).**