

Figure S1. exemplary event (rainfall and soil moisture) for Cluster 1

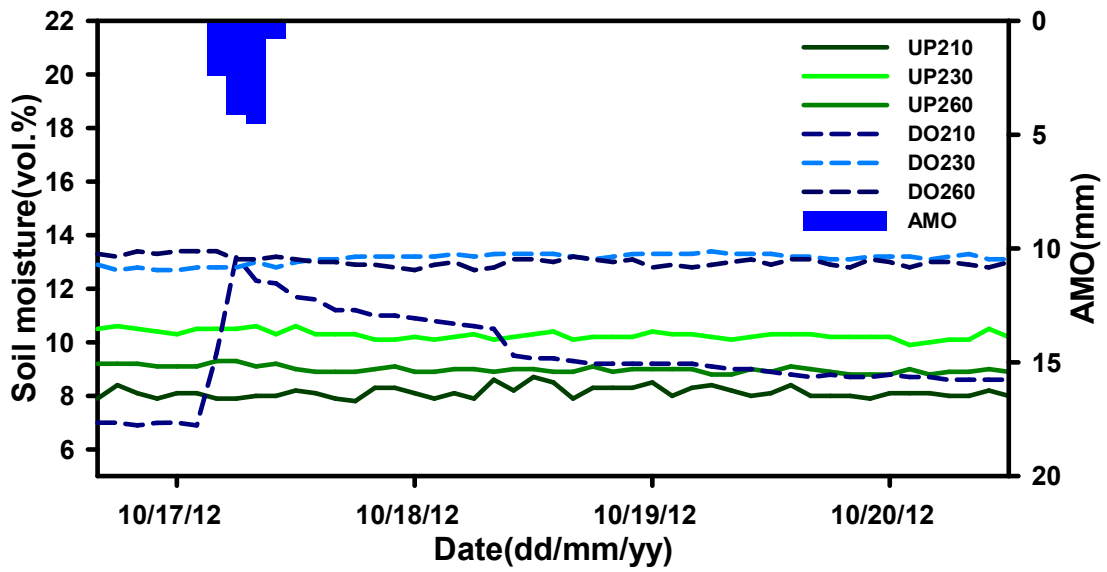


Figure S2. exemplary event (rainfall and soil moisture) for Cluster 2

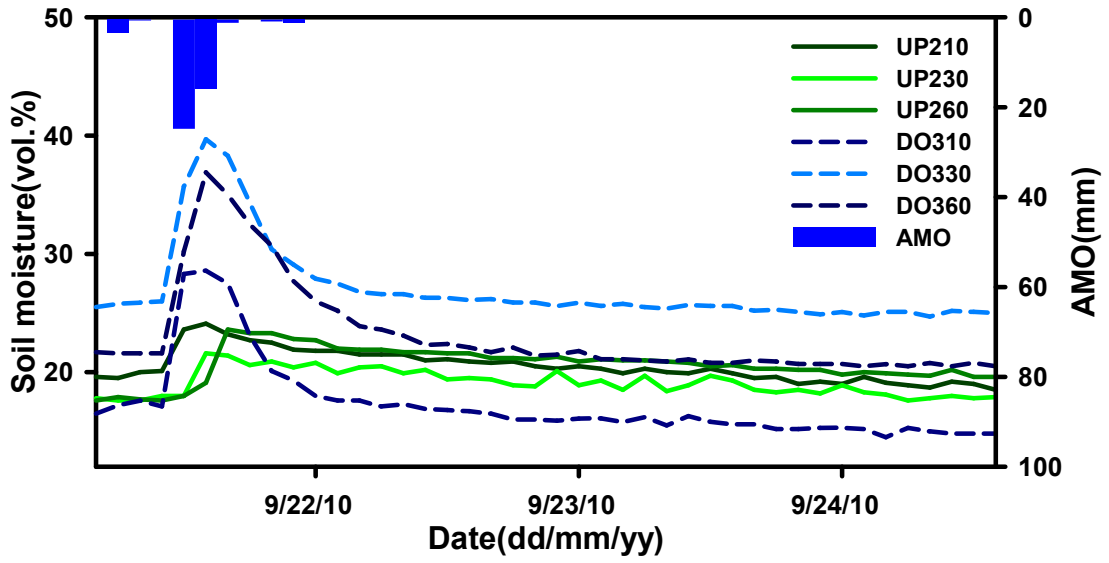


Figure S3. exemplary event (rainfall and soil moisture) for Cluster 3

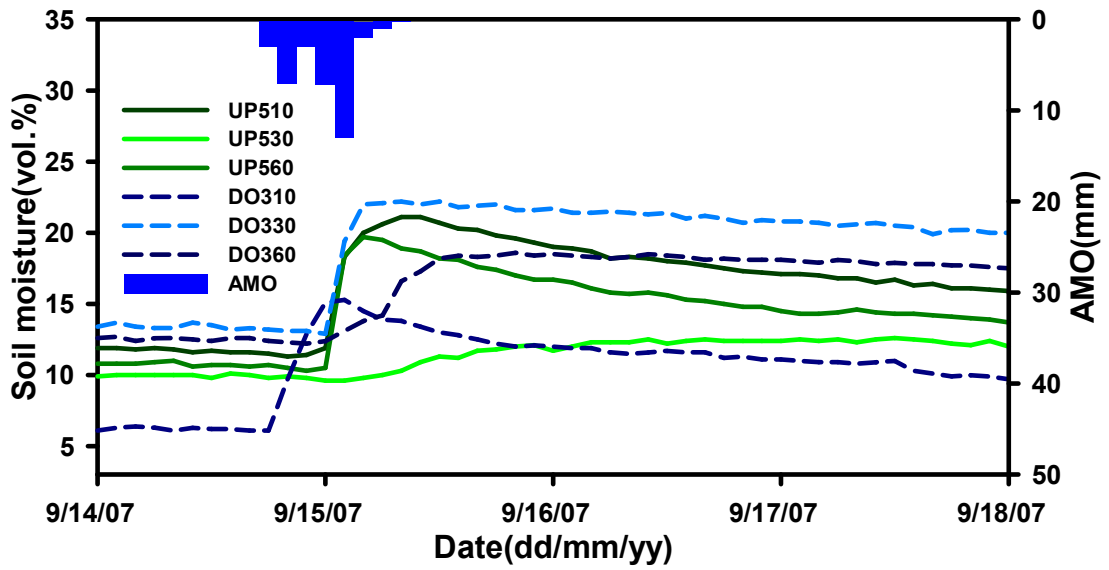


Figure S4. exemplary event (rainfall and soil moisture) for Cluster 4

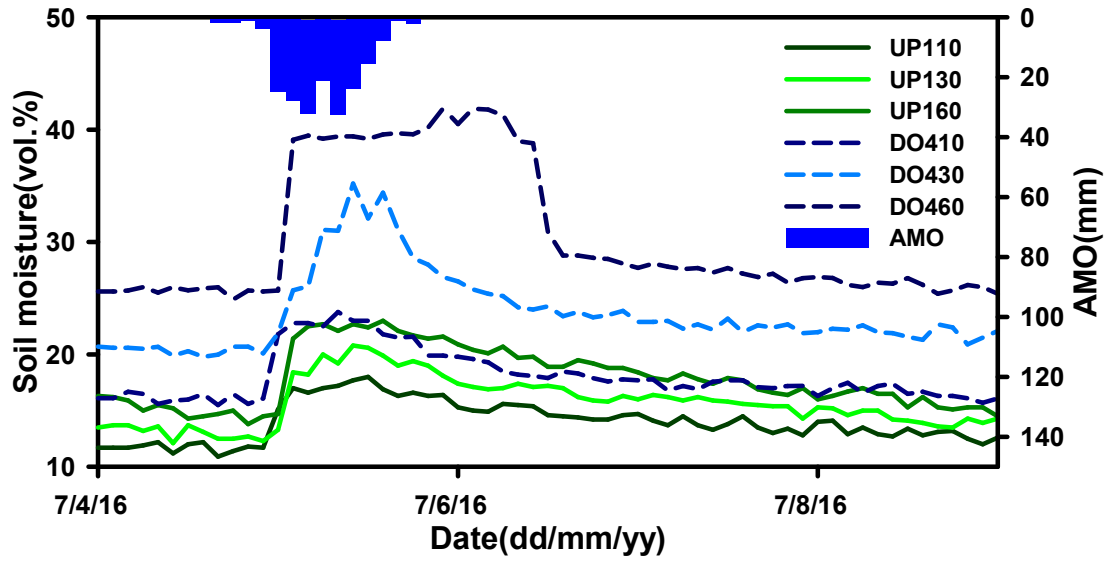


Figure S5. exemplary event (rainfall and soil moisture) for Cluster 5