

# The transport of microplastic on agriculture soils via soil erosion

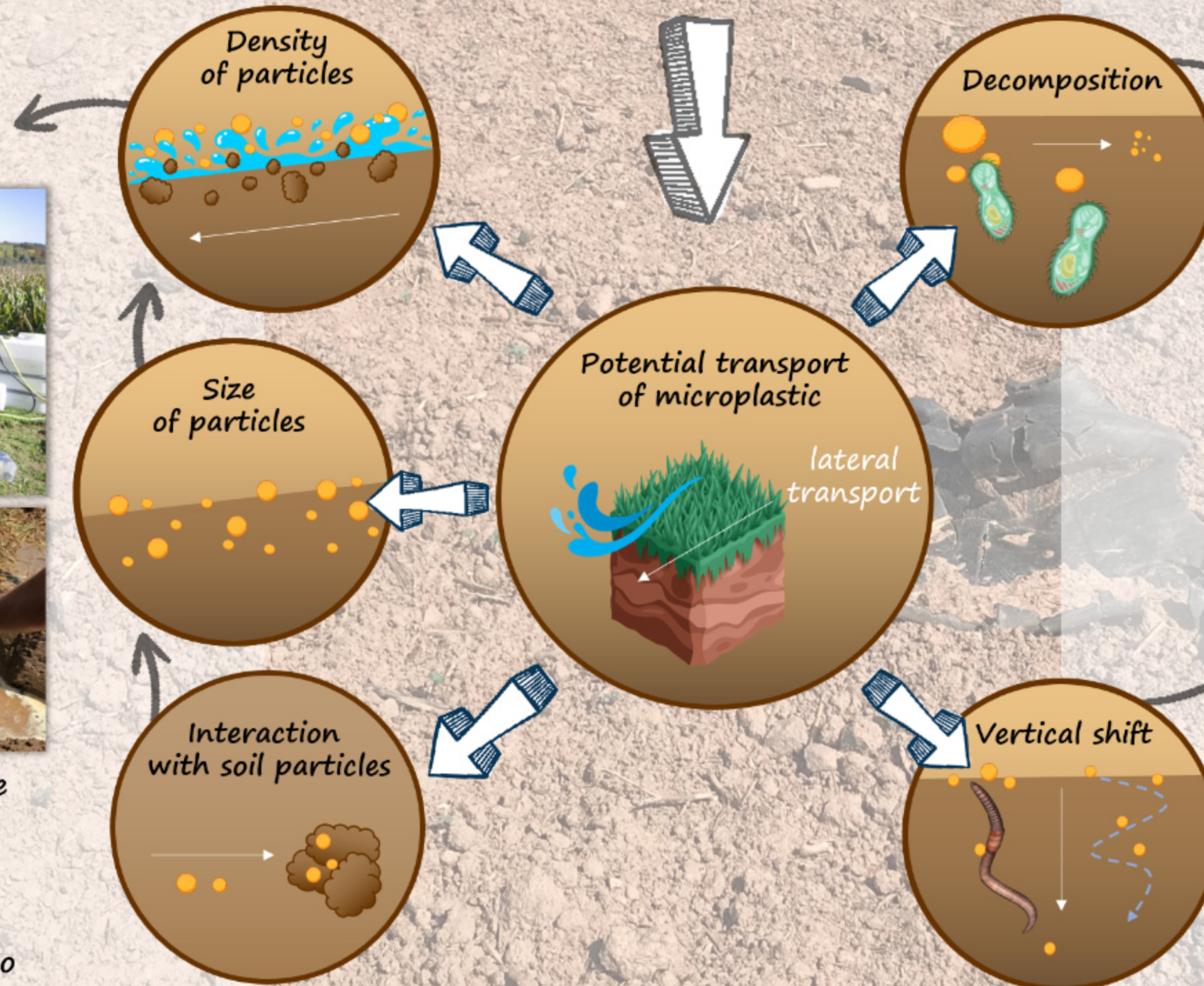
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## Effects on transport behavior

### Rainsimulation experiments



- General enrichment of coarse MP in delivered sediment
- Depletion of fine MP in delivered sediment over time
- Decrease of MP output due to increasing MP-soil interaction



## Effects on topsoil concentration

### Stainless steel mesh bags



→ No degradation after 475 days

### Stainless steel cylinders



→ Up to 5% loss below 10cm