Soil moisture:

- . Looking at the water that stock to the sort (not dripping)
- · Soil water content: how much water is in soil at any given time (this changes with weather)
- Soil water holding capacity. The most amount of water soil can hold before It starts dripping. Always the same...

Why do we we? (ELOLOGY!) Soil moisture matters to plants

This is how threy get water.

Too much or too little can be bad for plants

under Soil moisture matters to other soil organisms

Soil organisms need the light amount of water (they can more of necessary) Soil moistre matters for flooding & wetlands

To a large degree, the location of

Wetlands is detromined by soil

water holding capacity (higher > wetland)

water holding capacity can

influence flooding (higher > more

buil Clarden but loss Clading in local flooding but less flooding in

Sal Water holding capacity Mass dy soil (Mass of petri dish + saturated soil)

(mass of petri dish + dry soil)

(mass of petri dish + dry soil)

(mass of petri dish) Individually. Write down

- Your name . The mass of the petri dish The mass of the petr dish + wet soil · The mass of the peth disht dry soil * Your calculations & soil water content % . The mass of the pet dish + Sahated soil A your calculations & soil water holding capacity of