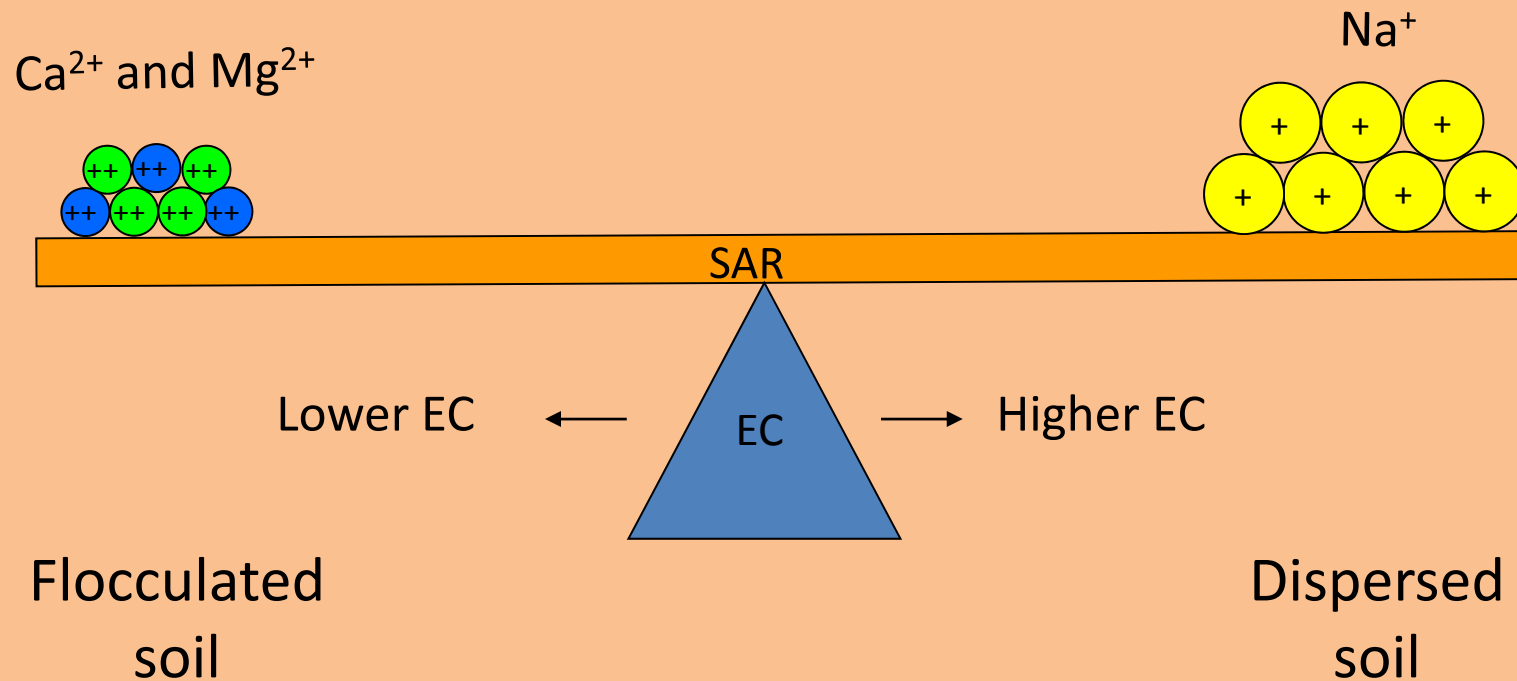
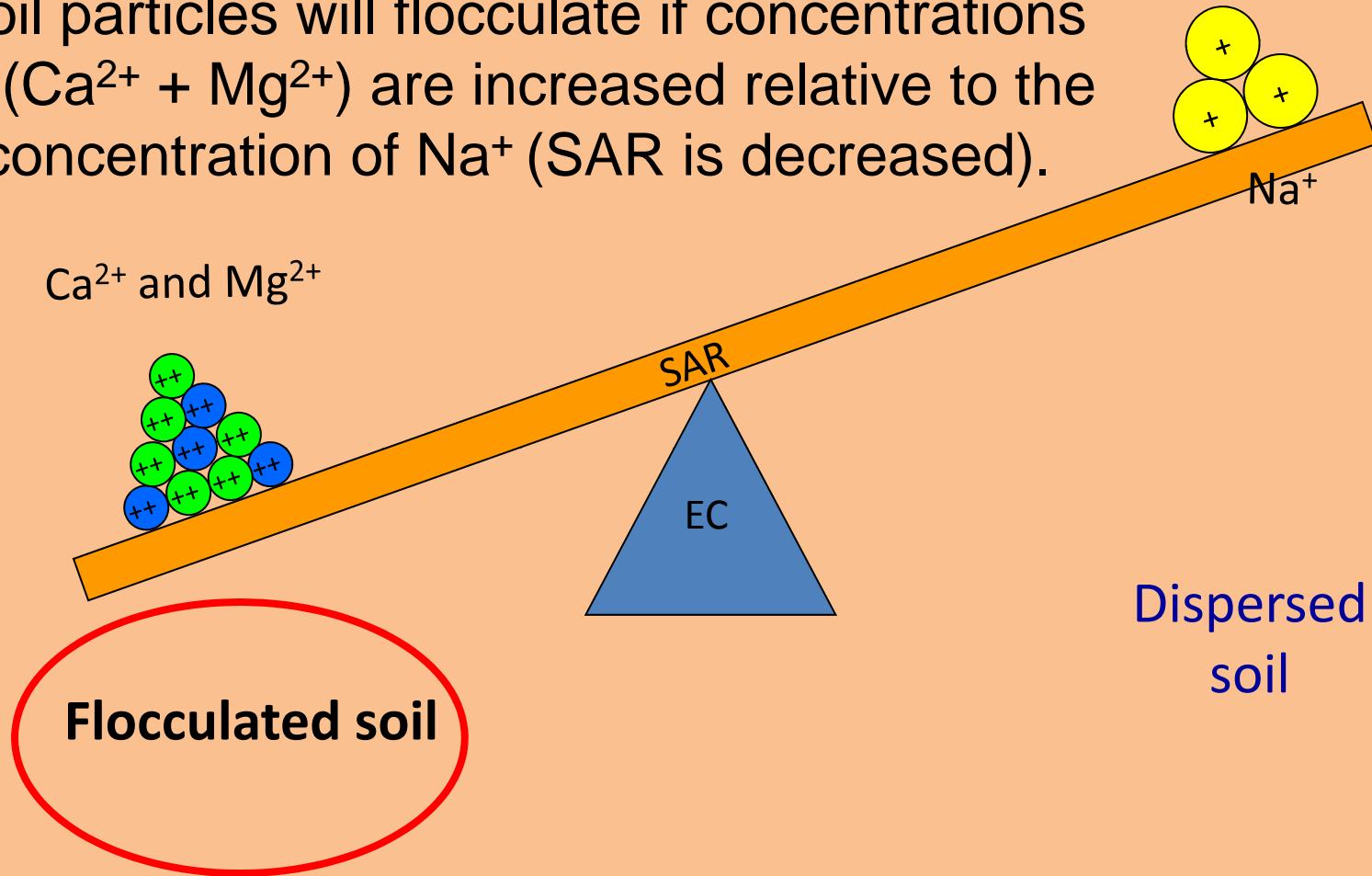


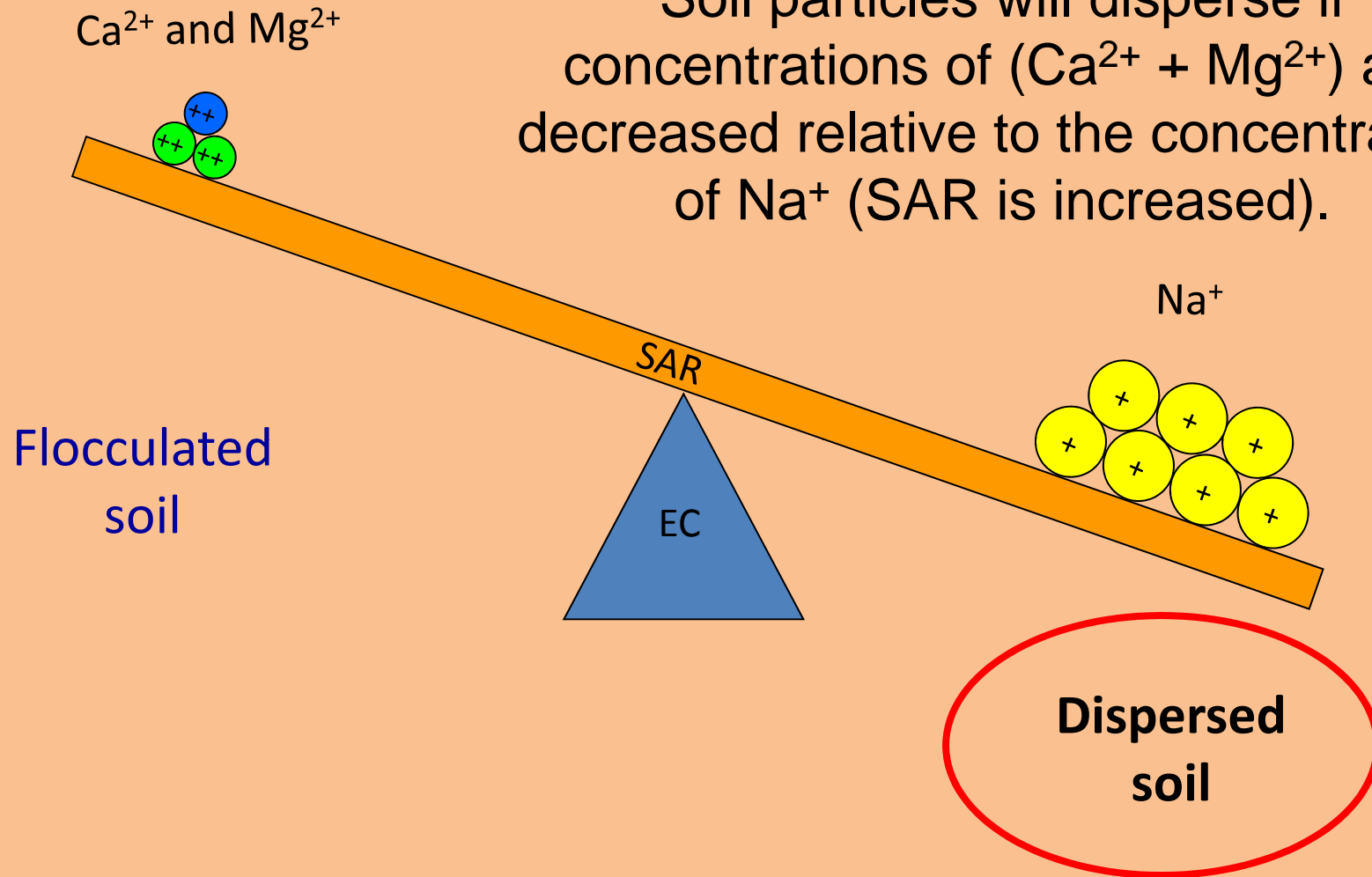
Aggregate stability (dispersion and flocculation) depends on the balance (SAR) between ( $\text{Ca}^{2+}$  and  $\text{Mg}^{2+}$ ) and  $\text{Na}^+$  as well as the amount of soluble salts (EC) in the soil.



Soil particles will flocculate if concentrations of  $(Ca^{2+} + Mg^{2+})$  are increased relative to the concentration of  $Na^{+}$  (SAR is decreased).



Soil particles will disperse if concentrations of ( $\text{Ca}^{2+} + \text{Mg}^{2+}$ ) are decreased relative to the concentration of  $\text{Na}^+$  (SAR is increased).



Soil particles will flocculate if the amount of soluble salts in the soil is increased (increased EC), even if there is a lot of sodium.

