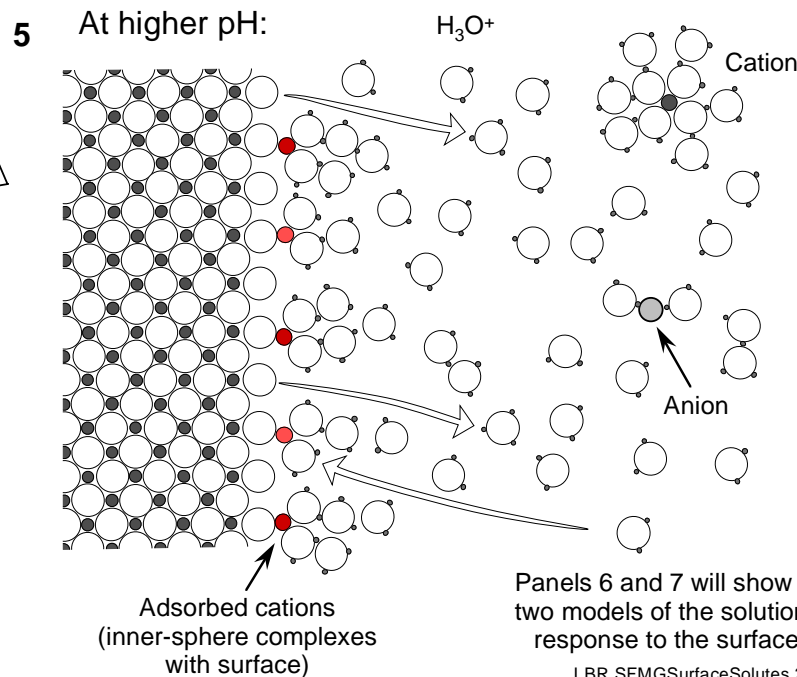
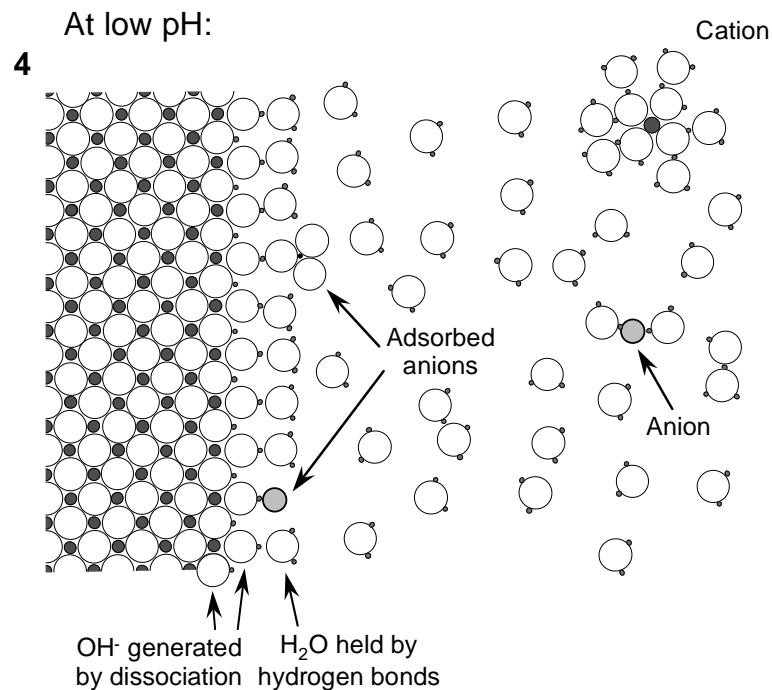
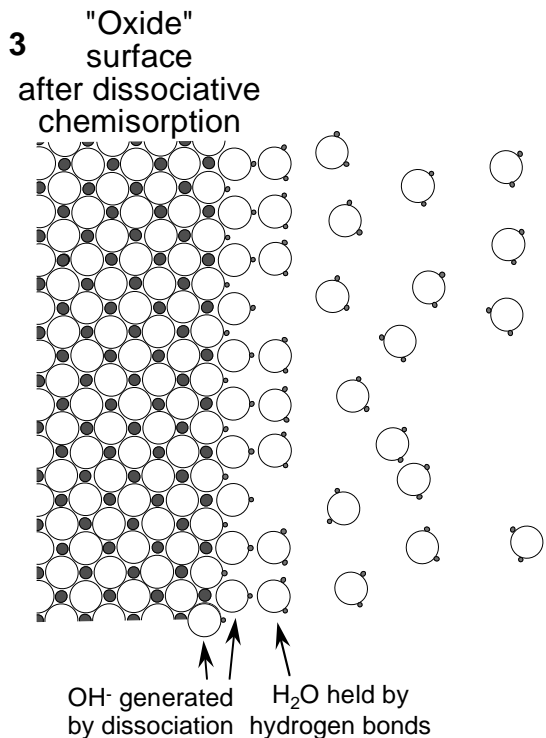


Surfaces, double layers, and adsorption I||: variation with pH

At low pH, H⁺ ions remain on the modified mineral surface, so that the charge of that surface is positive and anions may be adsorbed by electrostatic attraction (Panel 4). At higher pH, transfer of H⁺ ions to the solution leaves a more negatively-charged surface to which cations are attracted (Panel 5).



Panels 6 and 7 will show us two models of the solution's response to the surface.