

VERTICAL SEDIMENTARY SUCCESSION

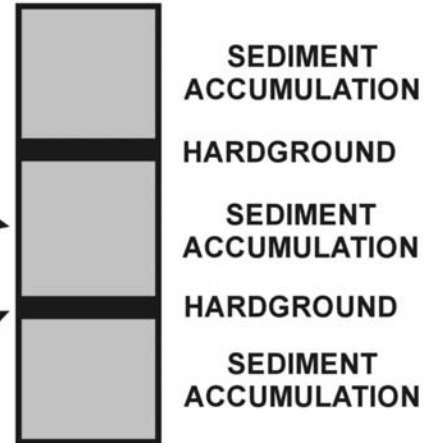


Figure 20. Diagram illustrating the effects of sea level variations on carbonate sedimentation, hardground formation, and the development of vertical sedimentary successions. Hardgrounds form when water is actively pumped through the sediments promoting submarine cementation. They also are actively eroded during low sea level stands too. Carbonate sedimentation resumes during higher sea level stands. Modified from James and Bone (1991).