



Coastal karst in a portion of west-central Florida, USA

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One of the more unusual karst landscape features of the Florida karst plain is the coastal karst of west-central Florida. This region, focused around the Crystal River area of the state, is dominated by a bedrock platform that extends from the coast inland up to 20 km. The landscape is flat with little relief. However, the bedrock is quite porous with numerous vugs and cavities indicating some degree of solution activity during low tide events or during subtle sea level changes. In addition, the landscape surface is pitted with small, shallow depressions ranging in diameter from a few centimeters to several tens of centimeters. The depressions, caused by phytokarst development, suggest a regular downward erosion of the limestone surface. This poster will describe the landscape created through the unique combination of coastal erosion and subtle karst weathering of the limestone.