**Remote Sensing**

**Supplementary Figure S1**

**Salt marsh elevation limit determined after subsidence from hydrologic change and hydrocarbon extraction**

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![Map

Description automatically generated]()

**Figure S1 –**Port Sulphur sampling location information. A) Station locations overlying a elevation map constructed from the 2002 LIDAR data. Red dots are natural waterways, orange dots are dry wells, and yellow dots are producing wells. B) Land loss between five intervals overlying a 1930s basemap based on aerial photographs: green = 1932-1958, orange = 1958 to 1974, purple = 1974 to 1983, brown = 1983-1990, and red = 1990 to 2001 [1-3].

**References**

1. Britsch, L.D.; Kemp, E.B. Land Loss Rates: Mississippi River Delta Plain. Vicksburg, Mississippi; Technical Report GL-90-2, Report 1 of a Series. USAE Waterways Experiment Station; **1990**.

2. Dunbar, J.B.; Britsch, L.D.; Kemp, E.B. Louisiana Coastal Plain Land Loss Maps, Maps 1 through 7, scale 1:125,000. Vicksburg, Mississippi; Technical Report GL-90-2, Report 2 of a Series. USAE Waterways Experiment Station; **1992a**.

3. Dunbar, J.B.; Britsch, L.D.; Kemp, E.B. Louisiana Coastal Plain Land Loss Maps, Maps 1 through 7, scale 1:125,000. Vicksburg, Mississippi; Technical Report GL-90-2, Report 2 of a Series. USAE Waterways Experiment Station; **1992b**.