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## Subsurface Characterization of the Potrero-Ryer Island Thrust System, Western Sacaramento-San Joaquin Delta, Northern California

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## ABSTRACT

This paper provides a unique look at the Suisun Bay Sub-Basin, which has made 350 Bcf of gas from primarily anticlinal traps located in a basin bounded by strike-slip faults. The Green Valley-Concord fault system forms that western edge of the basin, the Pittsburg-Kirby Hills fault system marks the eastern edge. The paper studies the orientation of the fold and thrust structures and their spatial relationships, and proposed models for the thrust system. The study of possible seismicity in the same area as the 1889 Magnitude 6 Pittsburg-Antioch earthquake, was funded by the U.S. Geological Survey National Earthquake Hazards Reduction Program. It was published in 1999.

## BIOGRAPHY

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