

## **Tectonic History and Exploration Potential of the Guiana Basin**

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### **ABSTRACT**

The present-day Guiana basin architecture is the result of a protracted tectonic history. Multiple episodes of deformation including rifting of the Central and South Atlantic margin, opening of the Gulf of Mexico, and Caribbean plate translation all influence the present-day framework of the basin. We examine the effects these events have in shaping the exploration potential of the Guiana basin.