



## **The Continent-Ocean Boundary of the South China Sea**

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The determination of the Continent-Ocean Boundary (COB) of the South China Sea (SCS) is a key issue related to fully understanding the rifted continental margins and evolution of the SCS. But the COB of the SCS is highly variable in different ways by different researcher. In this paper, we investigate the boundary between the continental and oceanic crust of this basin mainly relied on the multiple-channel seismic profiles constrained by free air gravity anomaly and magnetic anomaly. Based on the synthesised geophysical interpretation the COB of the SCS is relocated. Furthermore, the COB patterns of the SCS are presented.