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The Southern Ocean II: Climatic Changes and the Cycle of Carbon

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This is the second special volume dedicated to the Southern Ocean - Joint Global Ocean Flux (SO-JGOFS) Symposium held in Brest, 8-12 July 2000. This volume completes the answers of the SO-JGOFS community to four major questions:

1. What role does the Southern Ocean play in the contemporary global cycle of carbon and related elements?
2. What controls the magnitude and variability of primary production and export production?
3. What are the major features of spatial and temporal variability in the physical and chemical environments and key biotic factors?
4. How might the role of the Southern Ocean change in the future?

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