

Abstract

Antarctic ice sheets are a key player in sea-level rise in a warming climate. Now an ice-sheet modelling study clearly demonstrates that an Antarctic ice sheet/shelf system in the Atlantic Ocean will be regulated by the warming of the surrounding Southern Ocean, not by marine-ice-sheet instability.

摘要

在氣候暖化中，南極的冰層扮演造成海平面上升的重要腳色。現今，一個關於海冰模式的研究顯示了，南極海冰的冰層和冰棚，會受到周圍南方海洋的暖化影響，而非海冰的不穩定。