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## **Antarctic Climate Change and the Environment: A Decadal Synopsis and Recommendations for Action**



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### **Summary**

A major update by SCAR to the Antarctic Climate Change and the Environment report has been compiled. This Information Paper provides the update report as an Attachment.

### **Background**

In 2009, the Scientific Committee on Antarctic Research (SCAR) published its landmark report *Antarctic Climate Change and the Environment* (ACCE Report) (Turner *et al.* 2009). On the basis of the report, the ATCPs convened a Meeting of Experts on Climate Change. In turn, that meeting resulted in the establishment of a Climate Change Response Work Programme within the CEP, and more recently a Subsidiary Group on Climate Change Response with the mandate to give effect to the priorities identified within the Work Programme. SCAR published a further update to the ACCE Report in 2014 (Turner *et al.* 2014), and has produced annual synopses of research outcomes for the ATCMs since 2009.

A major update by SCAR to the ACCE report (Chown *et al.*, 2022) entitled *Antarctic Climate Change and the Environment: A Decadal Synopsis and Recommendations for Action* has now been compiled based largely on the findings of the Intergovernmental Panel on Climate Change's Sixth Assessment Reports (IPCC AR6).

A summary of the key findings of the update report and a series of policy recommendations derived from these findings is provided in ATCM XLIV Working Paper 30. Recommendations on research imperatives are provided in ATCM XLIV Working Paper 31.

This Information Paper provides the ACCE update report as a pdf Attachment.