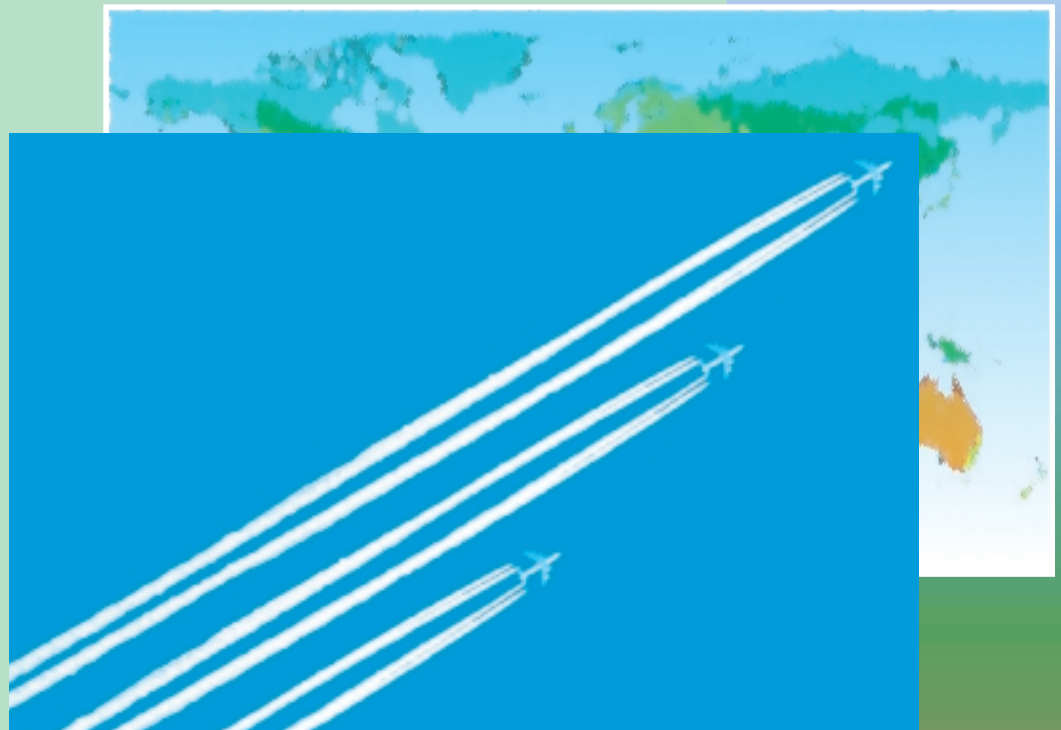




INTERGOVERNMENTAL PANEL ON CLIMATE CHANGE



**IPCC SPECIAL REPORT
AVIATION AND THE
GLOBAL ATMOSPHERE**

Summary for Policymakers



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Aviation and the Global Atmosphere

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Foreword

The Intergovernmental Panel on Climate Change (IPCC) was jointly established by the World Meteorological Organization (WMO) and the United Nations Environment Programme (UNEP) in 1988 to: (i) assess available information on the science, the impacts, and the economics of, and the options for mitigating and/or adapting to, climate change and (ii) provide, on request, scientific/technical/socio-economic advice to the Conference of the Parties (COP) to the United Nations Framework Convention on Climate Change (UNFCCC). Since then the IPCC has produced a series of Assessment Reports, Special Reports, Technical Papers, methodologies, and other products that have become standard works of reference, widely used by policymakers, scientists, and other experts.

This Special Report was prepared following a request from the International Civil Aviation Organization (ICAO) and the Parties to the Montreal Protocol on Substances that Deplete the Ozone Layer. The state of understanding of the relevant science of the atmosphere, aviation technology, and socio-economic issues associated with mitigation options is assessed and reported for both subsonic and supersonic fleets. The potential effects that aviation has had in the past and may have in the future on both stratospheric ozone depletion and global climate change are covered; environmental impacts of aviation at the local scale, however, are not addressed. The report synthesizes the findings to identify and characterize options for mitigating future impacts.

As is usual in the IPCC, success in producing this report has depended first and foremost on the enthusiasm and cooperation of experts worldwide in many related but different disciplines.

G.O.P. Obasi

Secretary-General
World Meteorological Organization

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- Robert Watson, the Chairman of the IPCC and Co-Chair of the Scientific Assessment Panel to the Montreal Protocol
- John Houghton, Ding Yihui, Bert Metz, and Ogunlade Davidson—the Co-Chairs of IPCC Working Groups I and III
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