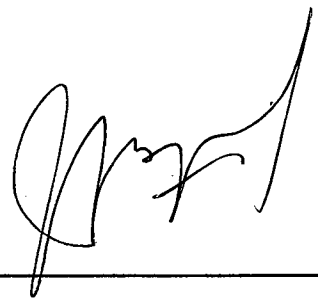


# CLIMATE CHANGE

*The IPCC Scientific Assessment*

WORLD METEOROLOGICAL ORGANIZATION / UNITED NATIONS ENVIRONMENT PROGRAMME  
INTERGOVERNMENTAL PANEL ON CLIMATE CHANGE



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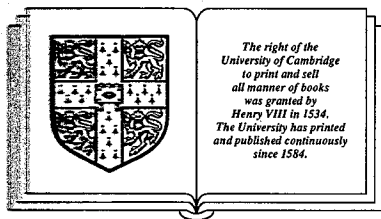
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**The IPCC Scientific Assessment**

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**Edited by**

**J. T. HOUGHTON, G. J. JENKINS and J. J. EPHRAUMS**



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INTERGOVERNMENTAL PANEL ON CLIMATE CHANGE

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# CLIMATE CHANGE

## The IPCC Scientific Assessment

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Report Prepared for IPCC by Working Group 1

Edited by J.T.Houghton, G.J.Jenkins and J.J.Ephraums  
*(Meteorological Office, Bracknell, United Kingdom)*



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This is the Report of Working Group 1 of the Intergovernmental Panel on Climate Change, which was set up jointly by the World Meteorological Organization and United Nations Environment Programme in 1988. It is an assessment of how human activities may be changing the Earth's climate through the Greenhouse Effect – potentially the greatest global environmental challenge facing mankind.

The topics covered by this assessment include:

- Changes in greenhouse gases in the atmosphere
- The global climate system and how it is modelled
- Computer predictions of climate change
- Observed climate change over the last century
- Detection of climate change due to human activities
- Changes in sea level due to global warming
- The response of ecosystems to climate change
- Research required to narrow uncertainties

Several hundred international scientists participated in the preparation and review of this assessment, making it the most authoritative and strongly supported statement on climate change that has been made by the scientific community so far. The information presented here is of the highest quality.

It has been designed to provide a common guide to policymakers worldwide, and will now form a solid scientific foundation upon which forthcoming negotiations on the response to climate change will be based. This assessment is, therefore, an essential reference for all who are concerned with climate change and its consequences.



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