

**Senate Standing Committee on Environment and Communications
Legislation Committee**

Answers to questions on notice
Environment and Energy portfolio

Question No: 108
Hearing: Additional Estimates
Outcome: Outcome 2
Program: International Climate Change and Energy Innovation Division (ICCEID)
Topic: UN-IPCC assessment reports
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Question Date: 8 March 2017
Question Type: Written

Senator Roberts asked:

Is your department aware that in each of the last 3 UN-IPCC assessment reports (AR3, AR4, AR5) there has been one chapter claiming unusual global warming and attributing it to carbon dioxide from human activity. These sole chapters are 12, 9 and 10 respectively. Is your department aware that none of these chapters provide any empirical evidence proving that carbon dioxide from human activities affects global temperatures?

Answer:

The Intergovernmental Panel on Climate Change (IPCC) Assessment Reports present a comprehensive assessment of the physical science basis of climate change, including the contribution of carbon dioxide from human activity. The evidence underpinning this assessment is presented in an integrated way throughout the Working Group I Fifth Assessment Report, *The Physical Science Basis*. Source material is referenced in the scientific papers listed at the end of each chapter. The peer-reviewed process utilised for scientific research provides a quality-assured and reliable source of information on climate science.