



Science resources

Here are further sources of information on the science of climate change to help you plan and think through issues and questions that may arise when talking to people in churches and communities about climate change.

Climate science briefing for Christians

Christian faith gives a firm motivation for scientific exploration and science is crucial to an informed faith. Operation Noah has written a paper exploring the basic science of human-induced climate change, with reflections from a Christian perspective. This can be found at:

<http://operationnoah.org/resources/climate-science-briefing-christians/>

Intergovernmental Panel on Climate Change (IPCC) Fifth Assessment Reports (2014)

Three reports were released in 2014 outlining: 1) The physical science basis; 2) Impacts, adaptation and vulnerability; and 3) Mitigation. An additional Synthesis Report distils and integrates the findings of this most comprehensive peer-reviewed assessment of climate change yet undertaken, which was produced by hundreds of scientists. The reports plus summaries for policy-makers can be found at: <http://www.ipcc.ch/>

Response to IPCC Fifth Assessment Report: Impacts, adaptation and vulnerability

A discussion from a Christian perspective of the key points can be found here:

<http://operationnoah.org/resources/response-ipcc-fifth-assessment-report-impacts-adaptation-vulnerability/>

Zero Carbon Britain: Rethinking the Future

This report includes the most up-to-date knowledge on how the UK can rapidly reduce greenhouse gas emissions to net zero, meet our energy demand with 100% renewable UK energy sources and manage land to provide healthy low-carbon diets: <http://zerocarbonbritain.com/index.php/zcb-latest-report>

350 org: The science

A short summary of climate science at: <http://www.350.org/about/science/>

Climate change: A guide for the perplexed, *New Scientist*

Common climate myths and misconceptions are explored here:

<http://www.newscientist.com/topic/climate-change>

General information on climate change science and policy

<http://www.guardian.co.uk/environment/series/the-ultimate-climate-change-faq>

The Basics of Climate Change

An overview by the Royal Society can be found at:

<https://royalsociety.org/policy/projects/climate-evidence-causes/basics-of-climate-change/>

Climate Change: Evidence & Causes, Royal Society (2014)

A comprehensive review of climate science by a UK–US team of leading scientists, plus useful questions and answers, can be found at: <https://royalsociety.org/policy/projects/climate-evidence-causes/>

Global Warming, Climate Change and Sustainability: Challenge to Scientists, Policy Makers and Christians

A paper from the John Ray Initiative giving a summary of scientific evidence and thinking on climate change, the impacts and actions necessary, and how Christians can respond to the challenge. It can be found at: http://www.jri.org.uk/brief/BriefingNo14_4thEdition_July.pdf