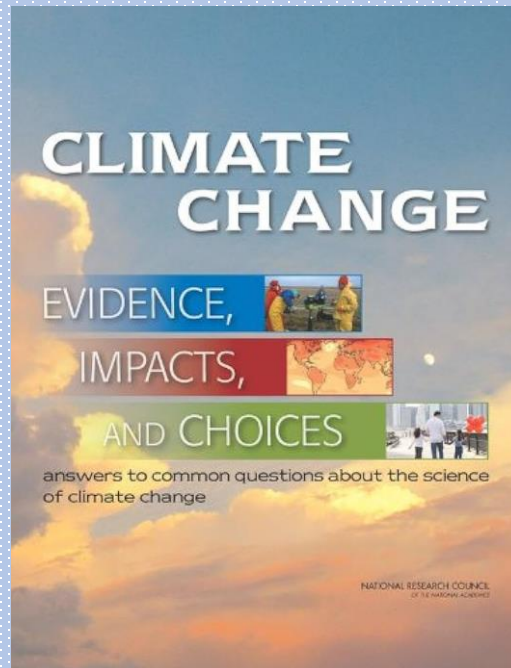


# Program Book Review JAS



KEMENTERIAN SUMBER ASLI, ALAM SEKITAR  
DAN PERUBAHAN IKLIM  
JABATAN ALAM SEKITAR



The book '**Climate Change: Evidence, Impacts, and Choices**' is a concise and informative overview of the science of climate change. It is written for a general audience and is intended to provide readers with a basic understanding of the causes, impacts, and potential solutions to climate change.

The book is divided into three main sections:

**Evidence** - This section provides an overview of the scientific evidence for climate change. It discusses the different types of evidence that scientists use to study climate change, such as temperature records, ice cores, and tree rings.

**Impacts** - This section discusses the potential impacts of climate change on the planet. It covers a wide range of topics, such as sea level rise, extreme weather events, and changes in agricultural yields.

**Choices** - This section discusses the different choices that society can make to address climate change. It covers a range of options, such as reducing greenhouse gas emissions, adapting to the impacts of climate change, and geoengineering.

Facts stated in the book:

- The average global temperature has increased by about 1 degree Celsius since the late 19th century.
- The rate of sea level rise has accelerated in recent decades and is now about 3.2 millimeters per year.
- The Greenland and Antarctic ice sheets are losing mass at an alarming rate.
- The frequency and intensity of extreme weather events, such as heat waves, droughts, floods, and wildfires, are increasing.
- Climate change is already having a negative impact on human health, food security, and water resources.

Here are some of the questions raised in the book and their answers:

\* **What is climate change?** Climate change is a long-term change in the average weather patterns that have come to define Earth's local, regional, and global climates. These changes have a broad range of observed effects that are synonymous with the term. Climate change is a major aspect of climate variability.

**\* What is the evidence that human activities are causing climate change?**

The evidence that human activities are causing climate change is overwhelming. The burning of fossil fuels releases greenhouse gases into the atmosphere, which trap heat and cause the planet to warm. This warming is causing a wide range of changes to our planet, including rising sea levels, melting glaciers, more extreme weather events, and changes in plant and animal life.

**\* What are the impacts of climate change?** The impacts of climate change are already being felt around the world. Sea levels are rising, glaciers are melting, and extreme weather events are becoming more common. Climate change is also having a negative impact on human health, food security, and water resources.

**\* What are the choices that we face in addressing climate change?** There is no single solution to climate change. We will need to take a comprehensive approach that includes reducing greenhouse gas emissions, adapting to the impacts of climate change, and geoengineering.

Overall, this book is an excellent book that provides a comprehensive overview of the science of climate change, its impacts, and the choices that we face in addressing it. The book is well-written and easy to understand, and it provides a wealth of information on a complex and important topic.

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