1 – This is God's earth

man was put on earth and placed in a position of stewardship for the planet. This gives us an obligation to care for the world, not to destroy it.

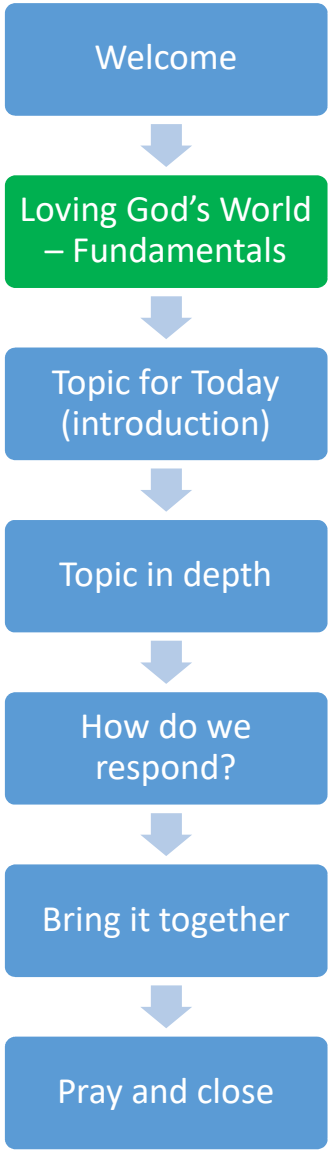
Genesis 2:15 (KJV)

"And the LORD God took the man, and put him into the garden of Eden to dress it and to keep it."

2 – Thy shalt love thy neighbour as thyself

Matthew 22:39 (KJV)

We live in a one planet ecosystem, where our actions have consequences for people around the world. Climate change has negative consequences felt by all citizens.



1 - Con or Crisis? – exploring the science behind the headlines

<u>Questions</u>

1 - Climate change is there any doubt?

1 - Multiple studies published in peer-reviewed scientific journals[1] show that 97 percent or more of actively publishing climate scientists agree*: Climate-warming trends over the past century are extremely likely due to human activities. (NASA)

2 - What was agreed at Paris?

2 - To keep global temperatures "well below" 2.0C (3.6F) above pre-industrial times and "endeavour to limit" them even more, to 1.5C (BBC)

3 - Is the world behind the agreement?

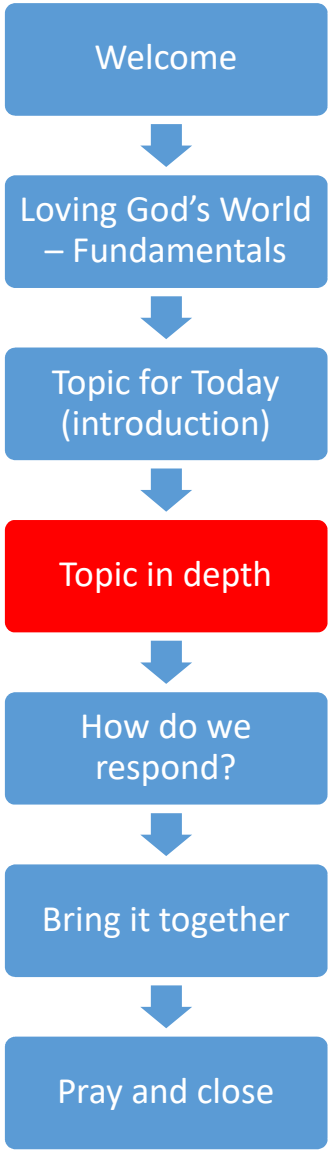
3 - There are only 2 countries outside the Paris agreement now, the USA and Syria. In Nov 2017 Nicaragua joined. (Previously they had stayed outside because they were campaigning for something more radical). At least 1/3 of US citizens are included within the agreement as their states have joined in defiance of Trump.

4 - Have other countries left after the US dropped out?

4 - No

5 - Where did 1.5 degrees come from?

5 - 1.5 degrees is a safer limit than 2 degrees, was promoted strongly by the Pacific island nations in Paris.



Questions (cont.)

6 - Let's see the graphs for decarbonisation – 350PPM and temperature rise now.

Welcome

The following graph shows atmospheric CO2 levels (ice core data for CO2 levels before 1950. For value from Mauna Loa, Hawaii were used.

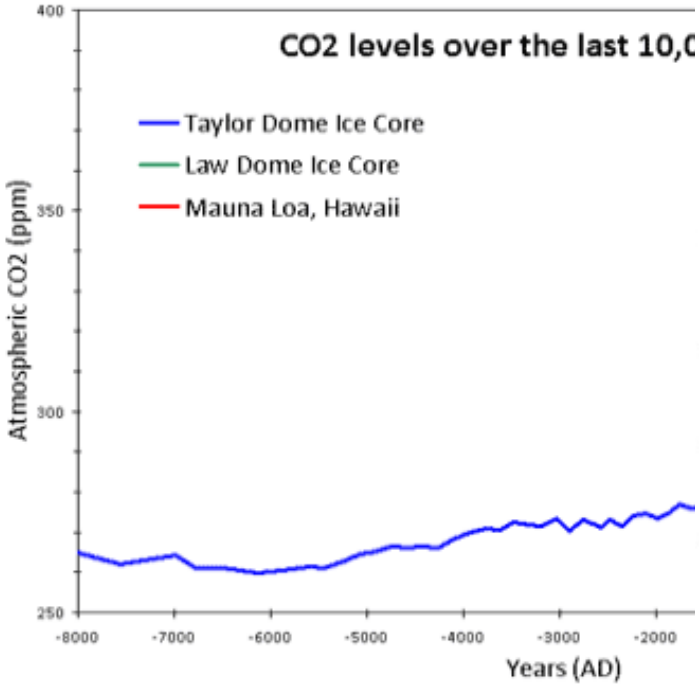
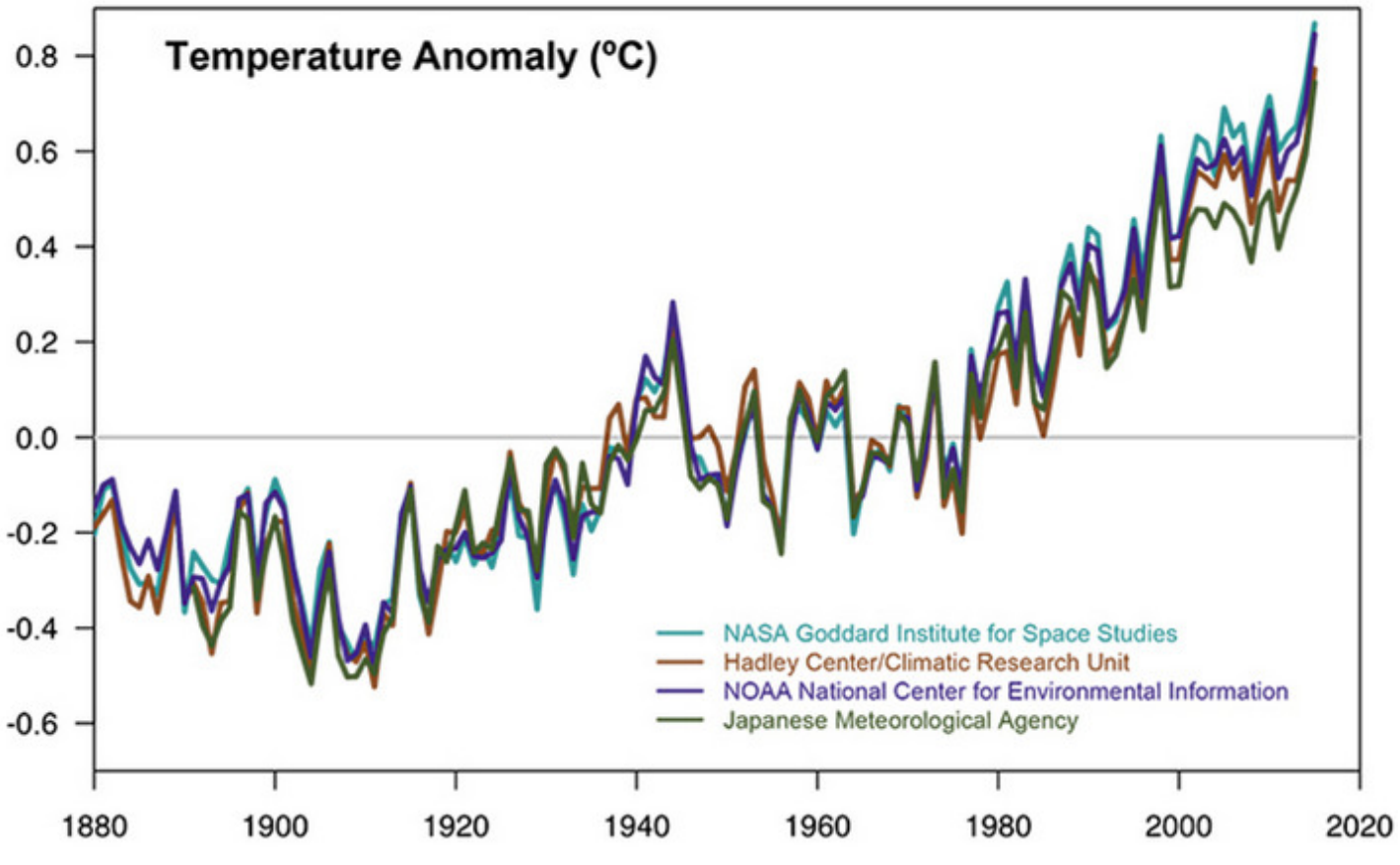


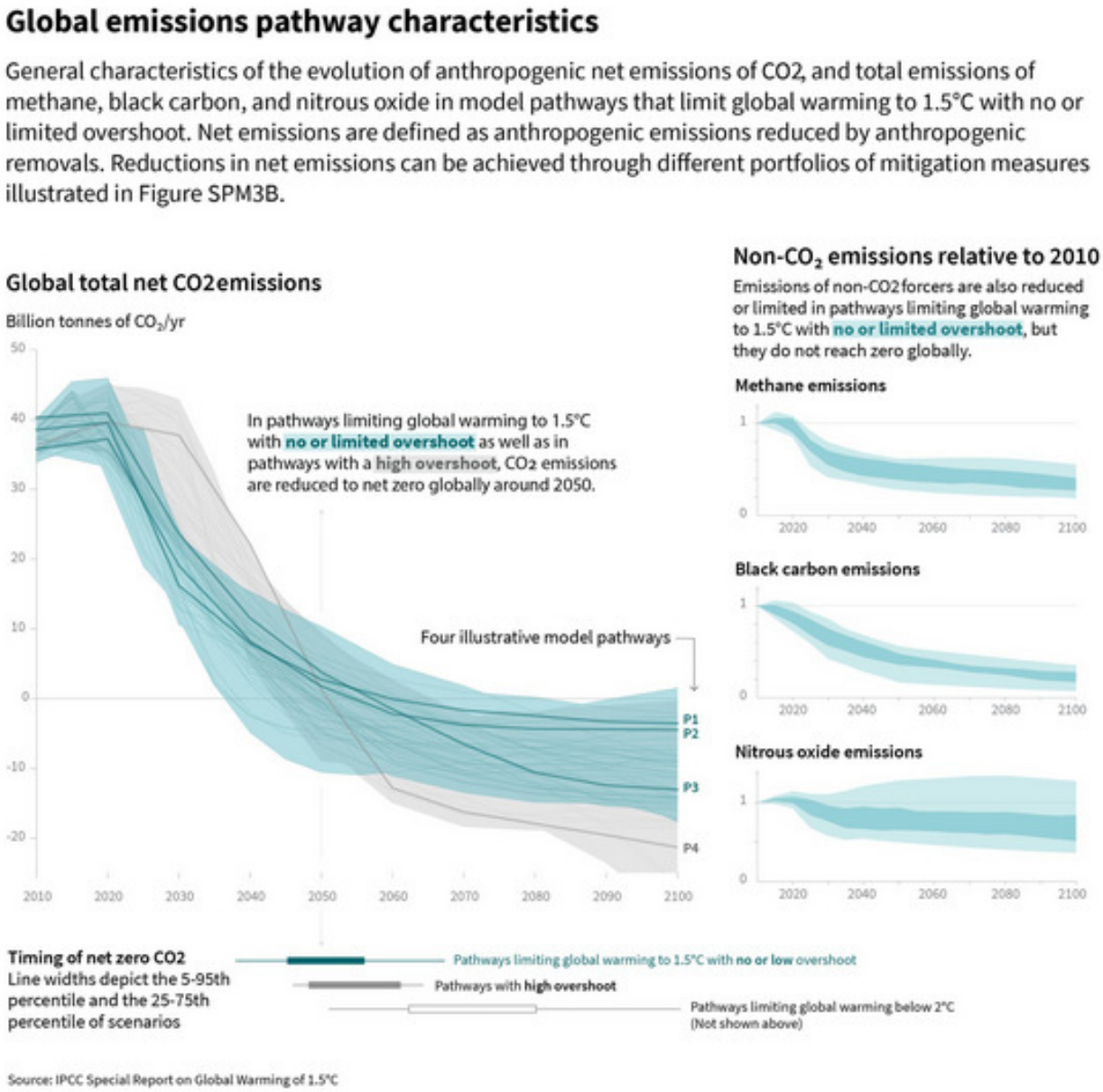
Figure 1: CO2 levels (parts per million) over the pas Dome ice cores (NOAA). Green line from Law Dome measurements at Mauna Loa, Hawaii (NOAA).



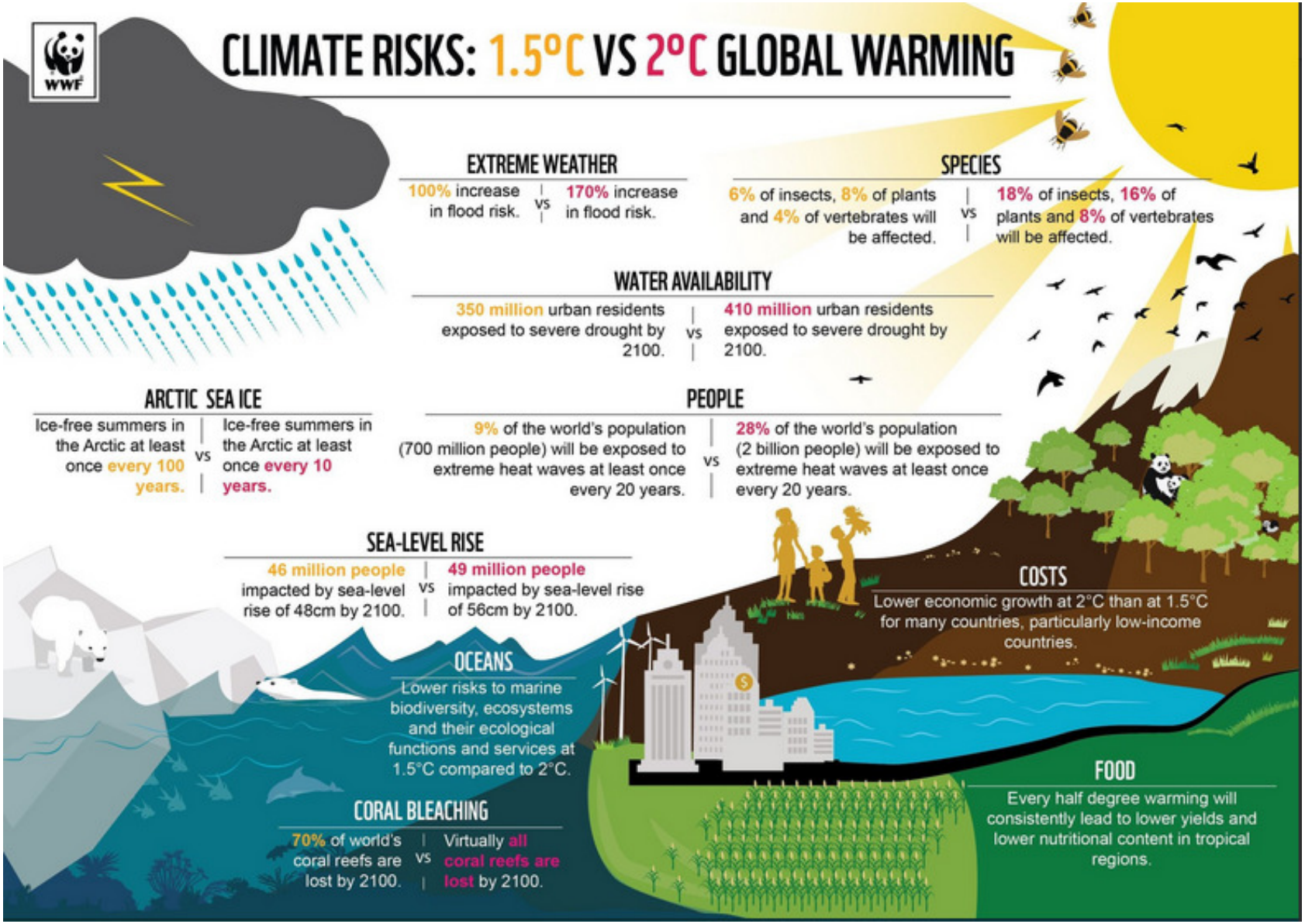
Temperature data from four international science institutions. All show rapid warming in the past few decades and that the last decade has been the warmest on record. Data sources: NASA's Goddard Institute for Space Studies, NOAA National Climatic Data Center, Met Office Hadley Centre/Climatic Research Unit and the Japanese Meteorological Agency.

Questions (cont.)

7 - What about Negative Emissions Technologies?



- Welcome
- Loving God's World – Fundamentals
- Topic for Today (introduction)
- **Topic in depth**
- How do we respond?
- Bring it together
- Pray and close



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Questions for Discussion

- Climate Change – is this a subject for religion or science and technology?
- What levels of action are needed? International/national/regional/community/church/ individual?
- Is there anything more I need to find out before I'm ready to act on this?
- What can Thornbury Baptist Church do?