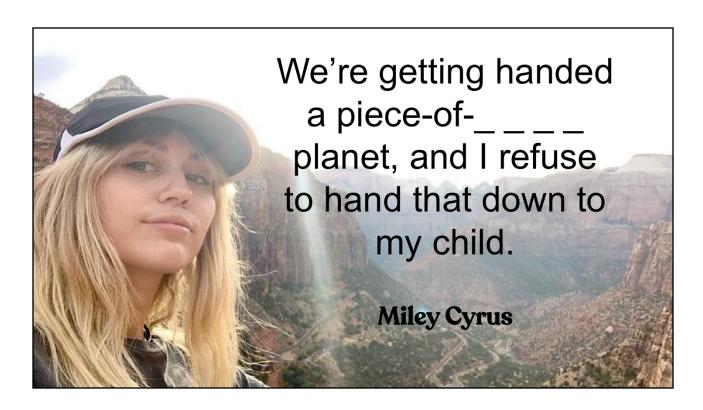


# - Part V - Climate Change





The Hill, July 12, 2019

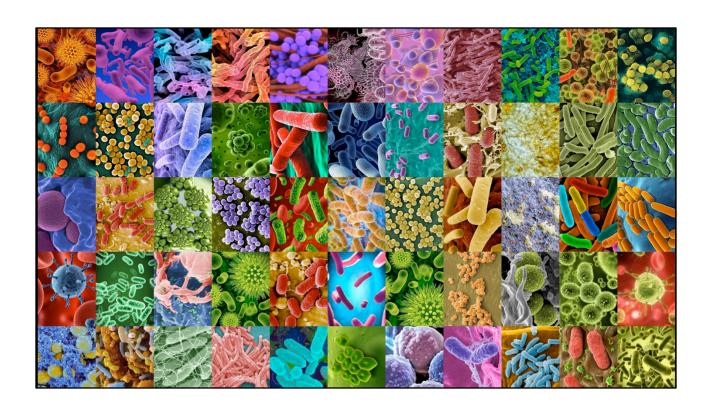
Miley Cyrus says she won't have kids because 'the earth is angry' BY MORGAN GSTALTER - 07/12/19 09:48 AM EDT

https://thehill.com/blogs/in-the-know/in-the-know/452770-miley-cyrus-says-shewont-have-kids-because-the-earth-is-angry

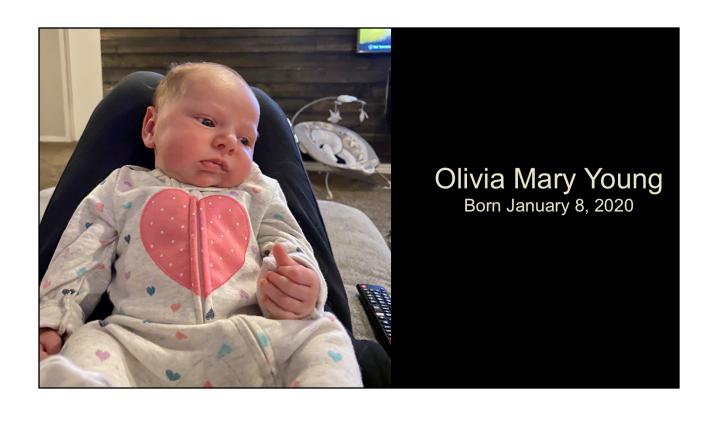
















## How should a Christian respond to climate change?

#### I. Define the ISSUES.

A. What is Climate Change?

#### **WEATHER**

The state of atmosphere with respect to heat or cold, wetness or dryness, calm or storm, clearness or cloudiness.

\* From Merriam Webster's Online

Definitions from \* From Merriam Webster's Online

#### I. Define the ISSUES.

A. What is Climate Change?

#### **CLIMATE**

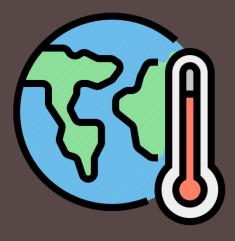
The <u>average</u> course or condition of the weather at a place usually over the course of period of time [typically at least 30 years] as exhibited by temperature, wind velocity, and precipitation.

\* From Merriam Webster's Online

Definitions from \* From Merriam Webster's Online



B. Is the earth's temperature <u>rising</u>?



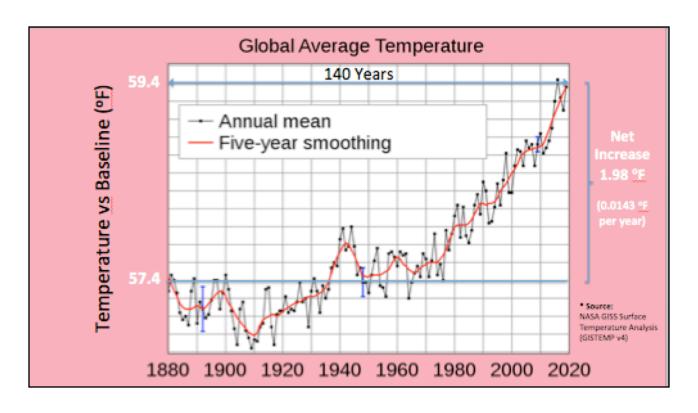
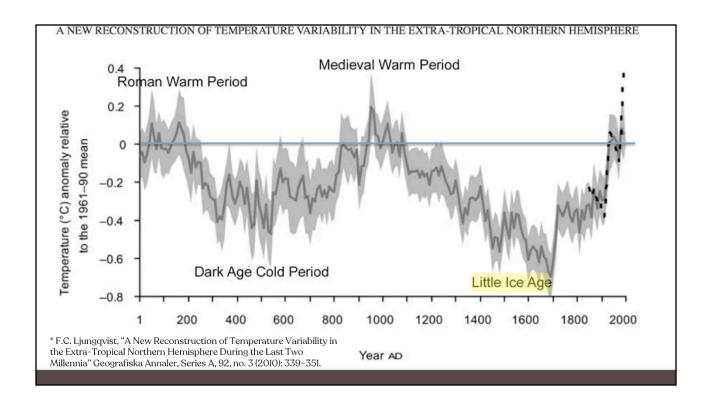
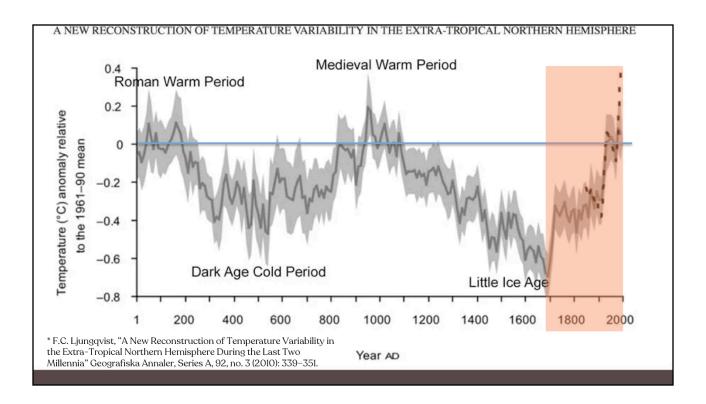


Chart from: Science Direct.com and many other websites... https://www.sciencedirect.com/topics/engineering/average-surface-temperature

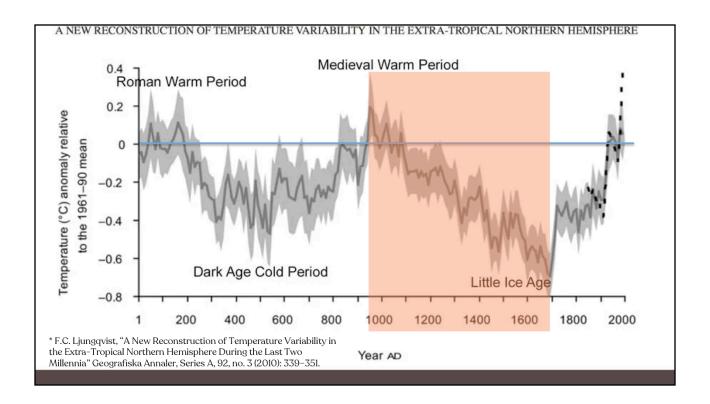
Note: I added the mean lines (blue) and converted from C to F for ease of use.



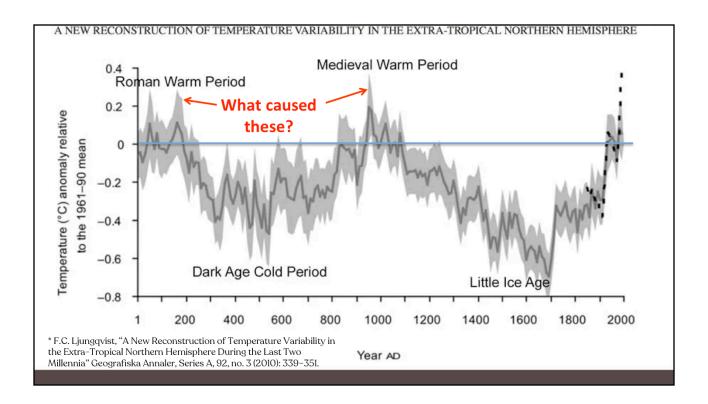
- F.C. Ljungqvist, "A New Reconstruction of Temperature Variability in the Extra-Tropical Northern Hemisphere During the Last Two Millennia" Geografiska Annaler, Series A, 92, no. 3 (2010): 339–351.
- https://onlinelibrary.wiley.com/doi/abs/10.1111/j.1468-0459.2010.00399.x
- Also see: http://www.co2science.org/articles/V13/N50/C2.php



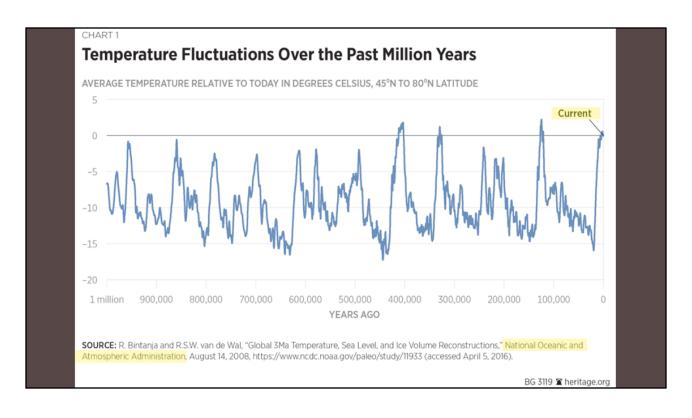
- F.C. Ljungqvist, "A New Reconstruction of Temperature Variability in the Extra-Tropical Northern Hemisphere During the Last Two Millennia" Geografiska Annaler, Series A, 92, no. 3 (2010): 339–351.
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- NOTE: Highlight added to show how some charts are used to skew data towards a particular conclusion.



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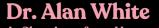
- F.C. Ljungqvist, "A New Reconstruction of Temperature Variability in the Extra-Tropical Northern Hemisphere During the Last Two Millennia" Geografiska Annaler, Series A, 92, no. 3 (2010): 339–351.
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Jantzen Chronicles Evaluating Events Past and Present to Learn More About the Future

https://jantzenchronicles.com/2018/06/13/climate-change-chapter-5/

It is reasonable to conclude that there has been normal climate variation of about 0.8°C (1.3°F) over the past 2,000 years and that the temperature has been in the neighborhood of the current global temperature twice before.



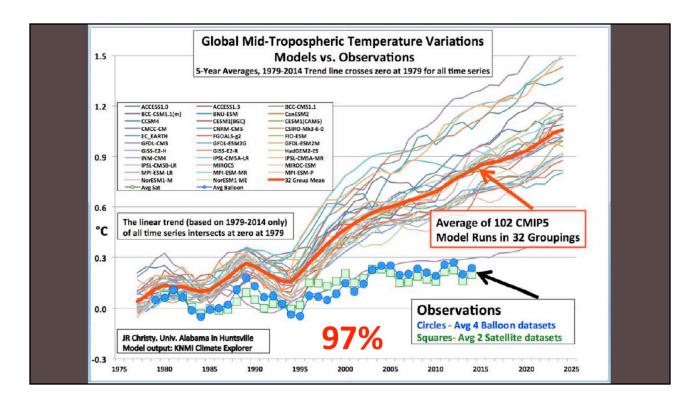
PhD in Organic Chemistry from Harvard University



Is It Time to Panic About Climate Change? - Creation Museum Live! | September 19, 2019

Dr. Allen White

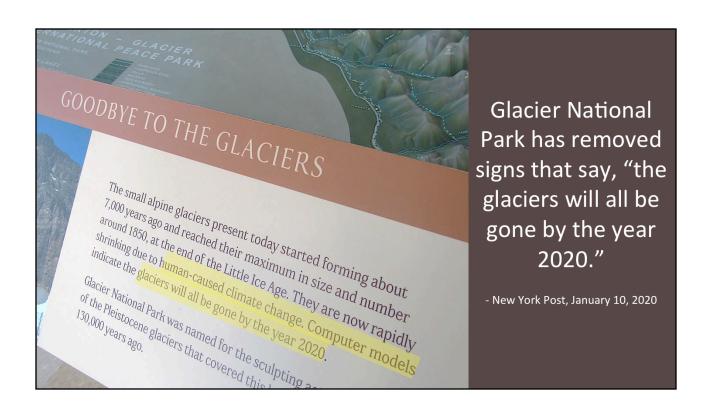
https://www.youtube.com/watch?time\_continue=5&v=\_r9XdbmRxk&feature=emb\_title



https://www.nsstc.uah.edu/aosc/testimonials/ChristyJR Written 170329.pdf

U.S. House Committee on Science, Space & Technology 29 Mar 2017 Testimony of John R. Christy Professor of Atmospheric Science, Alabama State Climatologist University of Alabama in Huntsville. Summary, page 5

NOTE: I added the "97%" to highlight this fact...



## Newsweek.

"There are ominous signs that he earth's weather patterns have begun to change dramatically and that these changes may portend a drastic decline in food production..."

"The longer the planners delay, the more difficult will they find it to cope with the <u>climatic change</u> once the results become grim reality."

Newsweek,

## Newsweek

#### April 28, 1979

"There are ominous signs that he earth's weather patterns have begun to change dramatically and that these changes may portend a drastic decline in food production..."

"The longer the planners delay, the more difficult will they find it to cope with the climatic change once the results become grim reality."

Newsweek,

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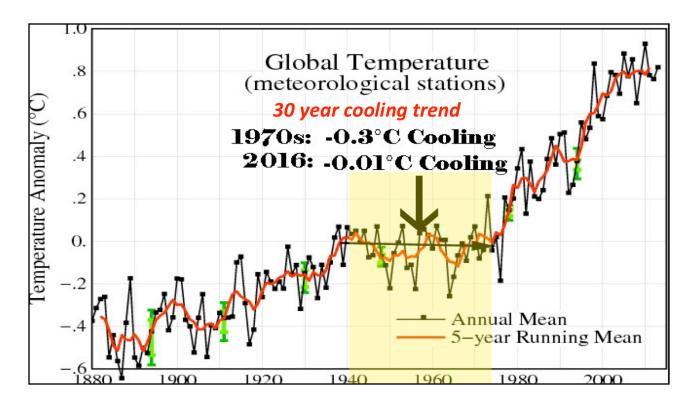
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("Crisis"=Global Cooling!)

Newsweek,



Patrick T. Brown, PhD
News & Media Research Global Warming FAQ Article Question: How do we know that the world is warming?
January 3, 2020

https://patricktbrown.org/global-warming-faq/

Note: I added the yellow highligh and "30 year cooling trend" to highlight these trends.



The Boston Globe Thursday, April 16, 1970 Scientist predicts a new ice age by 21st century Air pollution may oblit- Lodge, a scientist at the erate the sun and cause a national center for Atmosnew ice age in the first pheric Research in Boulthird of the next century if der, Colo., said the napopulation continues to grow and the earth's resources are consumed at the present rate, a pollution expert predicted yesterday. Ice Age By terday. James P. Lodge Jr. also place and that we are im-2000 warned that if the current porting the balance from rate of increase in electric the neighboring oceans." power generation continues, the demands for Institute of Environmental Boston Globe cooling water will boil dry Sciences, at the Sheraton the entire flow of the riv- Boston, said three factors ers and streams of conti- could prevent these disas-April 16, 1970 Looking into his less wasteful standard of "smoggy crystal ball," Lodge also warned that by the next century "the consumption of oxygen in combustion processes, world-wide will suppose combustion processes, world-wide, will surpass all of the processes which return oxygen to the at-mosphere."

New Ice Age Coming Washington Post July 9, 1971

U.S. Scientist Sees New Ice Age Coming By Victor CohnWashington Post Staff Writer The Washington Post, Times Herald (1959-1973); Jul 9, 1971 pg. A4

#### U. S. Scientist Sees New Ice Age Coming

safes must address next year. He called Rasool "a first-tate average temperature could drop by six degrees."

If sustained over "several years"—"five to 10", he estimated—"such a temperature decreace could be sufficient to trigger an ice age!"
These conclusions—including the ominous exclamation point rare in scientific publication—are printed in this week's issue of the journal Science out doay, signed by Rasool and co-worker Dr. S. H. Schneider.

They are also being presented by Schneider at an incorporate and considered and incorporate and considered an

By Victor Cohn
Whalmaton Fost Staff Writer
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scientist-member of President Nixon's three-man
Council on Environmental
quality, said in an interview
that these conclusions point
that the average temperature could drop by six degrees.

If sustained over "sevwhose estimate that fuel
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think you have to stop the source."

A new ice age would flood the world's coastal cities and further lower temperatures to build up new allesters that could eventually cover huge areas.

Scientists have long debated whether man's activity is actually heating or cooling the earth, if either, a "1970 'Study of Critical Environmental Problems" concluded that the Rassod-Schneider kind of prediction was impossible to make yet.

"The area of greatest uncertainty." that study concluded, is "our current lack of knowledge" of the optical properties of man-made dust

THE GUARDIAN Tuesday January 29 1974

#### Space satellites show new Ice. Age coming fast

By ANTHONY TUCKER, Science Correspondent

#### New Ice Age **Coming Fast**

The Guardian January 29, 1974

WORLDWIDE and rapid trends towards a min Ice Age are emerging from the first long term analyses of satellite weather pictures.

Of potentially great important control of the findings are important to a greathure, but barely and to agriculture, but barely and to agriculture, but barely because our weather is strongly buffered by the Atlantic, a preliminary analysis carried out at Columbia University, New York, by the European climatologists Downless of the first out of the first

and southern hemispheres. In the highly complex dynamics of world weather patterns an interconnection of some control of the south of t

seeds are sprouting there now.

The artificul soring has been created by the underground hol water pipes which now carry heat to thousands of homes in the city. As an experiment city officials scattened grags seeds on wasteland near seed of the city officials caterial grags seeds on the city of the ci

#### International Team of Specialists Finds No End in Sight to 30-Year Cooling Trend in Northern Hemisphere



### 'No End In Sight' to 30-**Year Cooling Trend**

New York Times January 5, 1978

#### Rising seas could obliterate nations: U.N. officials

UNITED NATIONS (AP) — A senior SUPPLY, according to a joint UNEP and U.S. Environmental Official says entire nations could be wiped off the face of the "Ecological refugees will become a major" U.N. environmental official says entire na-tions could be wiped off the face of the Earth by rising sea levels if the global warming trend is not reversed by the year

2000.

Coastal flooding and crop failures would create an exodus of "eco-refugees," threatening political chaos, said Noei Brown, director of the New York office of the U.N. Environment Program, or UNEP. He said governments have a 10-year window of opportunity to solve the greenhouse effect before it goes beyond human control.

As the warming melts polar icecaps, ocean levels will rise by up to three feet, enough to cover the Maldives and other flat island nations, Brown told The Asso-ciated Press in an interview on Wednesday.

Coastal regions will be inundated; one-sixth of Bangladesh could be flooded, dis-placing a fourth of its 90 million people. A fifth of Egypt's arable land in the Nile Delta would be flooded, cutting off its food greenhouse.

concern, and what's worse is you may find that people can move to drier ground, but the soils and the natural resources may not

back 1930s Dust Bowl conditions to Canadian and U.S. wheatlands, while the Soviet Union could reap bumper crops if it adapts its agriculture in time, according to a study by UNEP and the International Institute for Applied Systems Analysis.

Excess carbon dioxide is pouring into the atmosphere because of humanity's use of fossil fuels and burning of rain forests, the study says. The atmosphere is retaining

study says. The atmosphere is retaining more heat than it radiates, much like a

The most conservative scientific estimate is that the Earth's temperature will rise 1 to 7 degrees in the next 30 years, said Brown

concern, and what's worse is you may find that people can move to drier ground, but the soils and the natural resources may not support life. Africa doesn't have to worry about land, but would you want to live in the Sahara?" he said.

UNEP estimates it would cost the United east coast alone.

Shifting climate patterns would bring back 1930s Dust Bowl conditions to Canadian and U.S. whealtands, white the soils and the adoption of a global climate treaty by 1982. In May, delegates from 103 nations met in Nairobi, Kenya — where now than during the 8,000-year Ice Age UNEP is based — and decided to open negotiations on the treaty next year.

Nations will be asked to reduce the use of fossil fuels, cut the emission of carbon dist that the atmosphere has to bear, we have an opportunity to start the stabilizing serve the rain forests.

He said there is time to act, but there is oxygen.

UNEP is working toward forming a scientific plan of action by the end of 1990, and the adoption of a global climate treaty

"We have no clear idea about the logical minimum of green space that the planet needs to function effectively. What we do know is that we are destroying the tropical rain forest at the rate of 50 acres a minute, about one football field per second," said Brown.

Each acre of rain forest can store 100 tons of carbon dioxide and reprocess it into

#### Rising Seas To 'Obliterate Nations By 2000'

Associated Press, June 30, 1989 (From United Nations Report)

### II. Determine your WORLDVIEW.

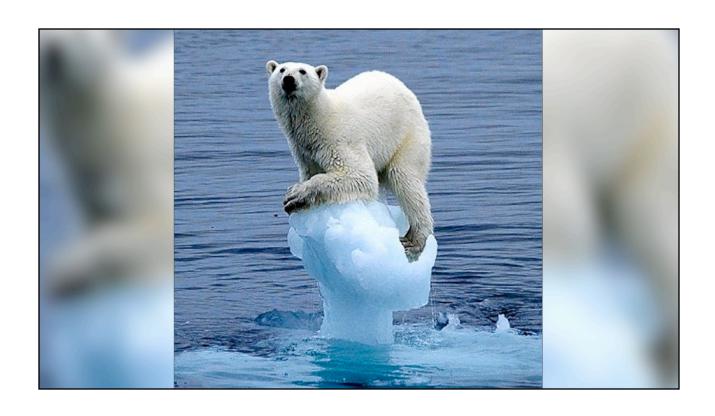
A. Why does your worldview **matter**?

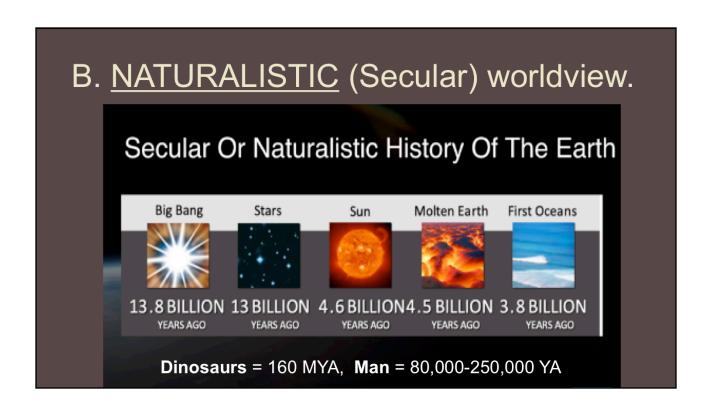
#### **WORLD VIEW**

Deeply held, fundamental beliefs about the nature of reality that determines how you live your life.



From: Answers In Genesis





From: Answers In Genesis

## BE WORRIED. BE VERY WORRIED.

Climate Change isn't some vague future problem – it's already damaging our planet at an alarming rate.

Cover of Time Magazine
April 3, 2006



TIME Magazine Cover page, April 3, 2006

We have a 10-to-12-year window to radically transform our energy systems, or climate change, predatory capitalism, and endless war economies will rob us of the right to any future at all.

#### John Cusack

Actor







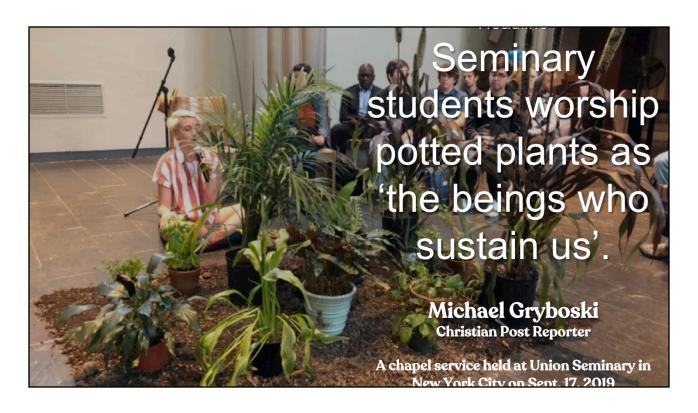
If the earth was just some cosmic accident then there is no future hope for this planet! Man becomes the hero (or the villain) and the earth becomes an object of worship.

#### Romans 1:21-23 NIV84

"For although they knew God, they neither glorified him as God nor gave thanks to him, but their thinking became futile and their foolish hearts were darkened. 22 Although they claimed to be wise, they became fools 23 and exchanged the glory of the immortal God for images made to look like mortal man and birds and animals and reptiles."

#### Romans 1:25 NIV84

They exchanged the truth of God for a lie, and worshiped and served created things rather than the Creator-who is forever praised. Amen.



Michael Gryboski Christian Post Reporter article

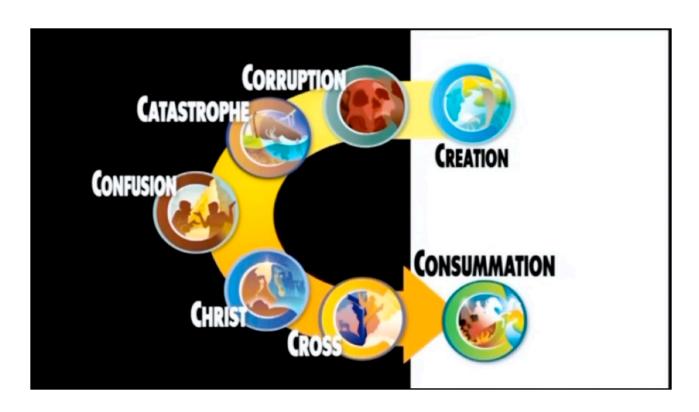
A chapel service held at Union Seminary in New York City on Sept. 17, 2019

### C. **BIBLICAL** Worldview.

1. The earth was designed and created by God with a purpose.

#### Psalm 24:1 NIV

The <u>earth is the Lord's</u>, and everything in it, the world, and all who live in it.



From: Answers in Genesis

#### 2. Jesus affirms the Creation account.

#### Mark 10:6 NIV

But <u>at the beginning of creation</u> God made them male and female.

#### Matthew 25:34 NIV

Then the King will say to those on his right, 'Come, you who are blessed by my Father; take your inheritance, the kingdom prepared for you since the creation of the world.

#### 3. The earth was created to be inhabited.

#### Isaiah 45:18 NIV

For this is what the Lord says— he who created the heavens, he is God; he who fashioned and made the earth, he founded it; he did not create it to be empty, but formed it to be inhabited.

#### 4. God is in control of the earth's future!

#### Genesis 8:22 NIV84

As long as the earth endures, seedtime and harvest, cold and heat, summer and winter, day and night will never cease.

#### 4. God is in control of the earth's future!

#### 2 Peter 3:10-11 NIV84

But the day of the Lord will come like a thief. The heavens will disappear with a roar; the elements will be destroyed by fire, and the earth and everything done in it will be laid bare. 11 Since everything will be destroyed in this way, what kind of people ought you to be? You ought to live holy and godly lives.

### III. Decide how to RESPOND.

A. Christians should be the best **stewards** of the environment.

#### Genesis 2:15 TLB

The Lord God placed the man in the Garden of Eden as its gardener, to **tend** and **care** for it.

Hebrew Tend = "abad"

"To cultivate, serve, work or steward"

Care = "shamar"
"To watch, keep, protect or preserve"

# B. Christians should not **worry** about the future.

#### Matthew 6:34 NIV

Therefore <u>do not worry</u> about tomorrow, for tomorrow will worry about itself. Each day has enough trouble of its own.

#### Matthew 24:6 NIV

You will hear of wars and rumors of wars, but <u>see to it</u> that you are not alarmed. Such things must happen, but the end is still to come.

C. Christians should <u>enjoy</u> and utilize the <u>resources</u> of earth with thanksgiving.

#### 1 Timothy 6:17 NIV84

Command those who are rich in this present world not to be arrogant nor to put their hope in wealth, which is so uncertain, but to put their hope in <u>God</u>, who richly provides us with **everything** for our <u>enjoyment</u>.

### Natural resources God has given us:

- EVERYTHING 1 Timothy 6:17 (to enjoy)
- PLANTS Genesis 1:29 (fuel & fruit)
- ALL FOOD 1 Timothy 4:3 (God created)
- ANIMALS Acts 10:11 (Peter)
- MEAT John 21 (Jesus ate fish & Lamb)

# D. Christians should value **people** more than the creation.

#### Matthew 6:26 NIV

Look at the birds of the air; they do not sow or reap or store away in barns, and yet your heavenly Father feeds them. Are you not much more valuable than they?

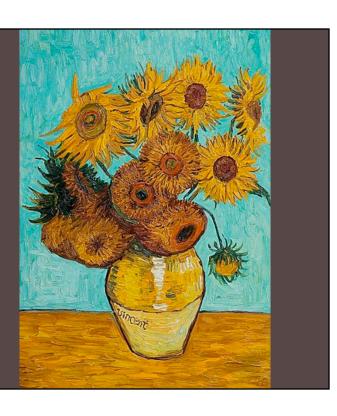
#### Matthew 12:12 NIV

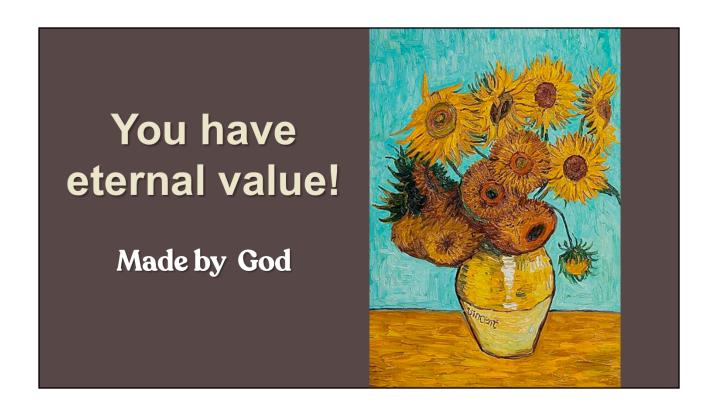
How much <u>more valuable is a person</u> than a sheep! Therefore it is lawful to do good on the Sabbath.

### Sunflowers

By Vincent van Gogh

Sunflowers (F456), third version, executed in Paris in 1889





Psalm 37:3 NIV
Trust in the Lord and do good; dwell in the land and enjoy safe pasture.

Psalm 37:3 NIV

Trust in the Lord and do good; dwell in the land and enjoy safe pasture.

1. Trust God.

Psalm 37:3 NIV

Trust in the Lord and do good; dwell in the land and enjoy safe pasture.

- 1. Trust God.
- **2. Do** Good.

Psalm 37:3 NIV
Trust in the Lord and do good; dwell in the land and enjoy safe pasture.

- 1. Trust God.
- **2. Do** Good.
- 3. **Enjoy** God's Resources.

# PEOPLE are always more important than THINGS!

trc.life/questions

