

# Grassroots Report

Free Take One

Grassroots Alberta/Centre for the Alberta Taxpayer

## Peeling Back the Rhetoric of the Climate Alarmists

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- ◆ **Fires, Floods, Droughts, Hurricanes—Canada's Climate McKenna Insists that Normal Weather Events Are Sure Signs of Global Warming**
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Should Ordinary People Be Afraid of Hot Summers and Global Warming?





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***Change is driven by ideas, which is why Grassroots Alberta is diligently working to provide Albertans and Alberta policy makers with a broader background and better understanding of important policy issues.***

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## FIRES, DROUGHTS, FLOODS & HURRICANES—CANADA’S CLIMATE MINISTER INSISTS THAT NORMAL WEATHER EVENTS ARE SURE SIGNS OF GLOBAL WARMING



*Catherine McKenna, Justin Trudeau’s Climate Minister, publicly refers to herself as the Minister in Charge of the Weather. McKenna believes that almost every weather event has to do with global warming. McKenna is not only a cheerleader for climate alarmism in Canada, she is also one of the pillars in the UN’s global Climate Agenda. On this page are examples of things McKenna says and believes about climate.*

Liberal Minister McKenna claims global warming is to blame for forest fires, floods, hurricanes, drought, heatwaves, and Canadian deaths.

MCKENNA: “[Climate change] isn’t just an abstract threat. Climate change is actually having an impact here. [Inuit] hunters are falling through the ice. [Inuit families] are losing the person in [their] family that is providing food because they (hunters) can’t tell the thickness of the ice anymore [because of global warming] and they are going under water.

“One of the hardest calls I ever had to do was to a rancher in Alberta, whose whole ranch burned down because of forest fires. There are people that are suffering from floods across the country. The Arctic is literally frying...

“There’s a real cost to climate change right now, and Canadians across the country are feeling it. And we have people that are fearing the impacts of forest fires, of floods, of droughts. The Arctic is literally melting... we [Liberals] are taking serious action on climate change.”

### MCKENNA SAYS SHE PERSONALLY DOES THE SANDBAGGING THAT SAVES CANADIANS FROM FLOODS CAUSED BY GLOBAL WARMING!

MCKENNA: “People are facing extreme heat. People died this summer because of extreme heat in Quebec and Ontario. We had forest fires. I helped sandbag because there have been floods [caused by global warming] that impacted people’s homes. This is a huge cost and the cost is only going to grow if we don’t take action.

MCKENNA: “From forest fires in British Columbia to heatwaves in Ontario and Quebec, to floods in New Brunswick, Canadians know there’s a real cost to climate change. If we do not take action now, the cost is only going to grow. We have seen historic floods, droughts, forest fires. PEI is shrinking...”

McKenna, in debate with hockey great Don Cherry warned Cherry that future Canadian children won’t be playing hockey because there won’t be any ice. ♦



The hottest day ever in Canada was at Yellow Grass, Sask., when the mercury hit 45 C (114F) in 1937 (above). The hottest Alberta record was set in 1931 (43.3 C). Quebec and Newfoundland’s hottest days were in 1921 (40 C and 38.3 C). Ontario’s record was set in 1919 (42.2 C). Despite repeated fears of global warming, in all ten provinces, the hottest day temperature record was set about 80 years ago or before.

## 30 YEARS OF FAILED CLIMATE PREDICTIONS



Alarmist and former NASA scientist James Hansen being arrested at a pipeline protest. Many consider Hansen a “father of global warming” and an alarmist “extraordinaire.”

On June 23rd 1988, a sultry day in Washington, NASA’s James Hansen told the US Congress and the world that global warming wasn’t approaching but had already arrived. The testimony of the NASA scientist was the opening salvo of the age of climate change.

## HANSEN & WIRTH INITIATED THE POLITICAL MANIPULATION OF GLOBAL WARMING

Thirty years ago, James Hansen testified before the US Senate. Global warming, he said, had begun, and a sharp cut in the burning of fossil fuels is necessary to battle a shift in climate. But the war against fossil fuels actually began more than decade earlier, when future Obama Energy advisor, John Holdren, warned the United States that it needed to cut back on energy usage.

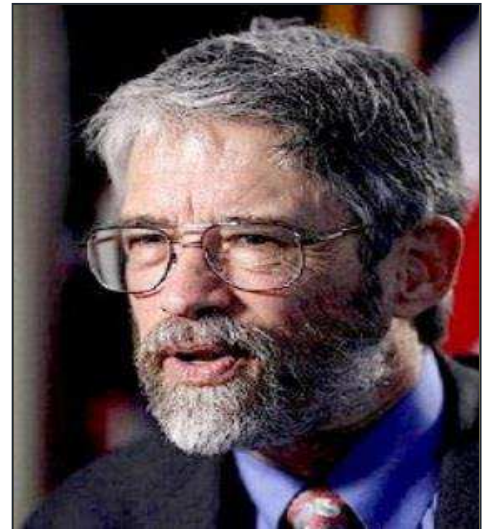
On August 11, 1975, at Berkley California, Holdren said:

“The United States is threatened far more by the hazards of too much energy, too soon, than by the hazards of too little, too late. The hazards of too much, (which have been as widely underestimated as the liabilities of too little have been exaggerated) include diverting financial resources from compelling social needs, making hasty commitments to unproved technologies, and generating environmental and

social costs that harm human welfare more than extra energy improves it.”

Now let’s jump to June 22, 1988, the day before James Hansen’s testimony to Congress. Hansen’s testimony was

organized by Senator Tim Wirth of Colorado. Wirth later said: “We called the Weather Bureau and found out what historically was the hottest day of the summer. Well, it was June 6 or 9, or whatever it was, so we scheduled the hearing



**JOHN HOLDREN**

John Holdren “was a very early proponent of alarmist thinking about climate, and also about population growth...”

Many decades ago, Holdren said: “In today’s world, the number of children in a family is a matter of profound public concern. The law regulates other highly personal matters. For example, no one may lawfully have more than one spouse at a time. Why should the law not be able to prevent a person from having more than two children? “

In 1980, Holdren was involved in the famous Simon-Ehrlich wager. He, along with two other scientists helped Paul Ehrlich establish a bet with Julian Simon, in which they wagered that the price of five key metals would be higher in 1990.

The bet was centered around Holdren and Ehrlich’s belief in future scarcity of resources brought on by an increasingly developed world. (Ehrlich and Holdren lost the bet. The price of all five metals had decreased by 1990.)

Holdren served as Bill Clinton’s science advisor. Eight years later, Barack Obama nominated Holdren for the position of Science Advisor and Director of the Office of Science and Technology Policy.



for that day, and bingo! It was the hottest day on record in Washington, or close to it. It was stifling hot that summer. [At] the same time, you had this drought all across the country, so the linkage between the Hansen hearing and the drought became very intense.

## SABOTAGING THE AIR CONDITIONING

“What we did was went in the night before and opened all the windows. (I will admit, right?) So that the air conditioning wasn’t working inside the room, and so when... the hearing occurred there was not only bliss, which is television cameras [and hot lights] in double figures, but it was really hot... So Hansen is giving this testimony, you’ve got those television cameras back there heating up the room, and the air conditioning in the room didn’t appear to work. So it was sort of a perfect collection of events that happened that day with the wonderful Jim Hansen, who was wiping his brow at the witness table and giving his remarkable testimony...”

Senator Wirth was right. June 22 1988 was by far the hottest June 22nd on record in the United States: 71% of the United States was over 90 degrees that day. Generally, temperatures on June 22nd have declined in the US over the last century, but 1988 was a major exception. It was really hot that day, and Senator Wirth and James Hansen went in and sabotaged the air conditioner in Congress the night before.

June 22nd temperatures at Lincoln, Virginia, which is just west of Washington, DC, have actually declined about three degrees over the last 90 years, but in 1988, it just happened to be very hot (over 100F). Temperatures this year were some of the coolest on record in the DC area in the last thirty years coming in at about thirty degrees cooler this year than they were in 1988. ♦



### TIM WIRTH ON PBS

Wirth was a U.S. Senator from Colorado and close friend to Al Gore. From 1998 to 2013, he was president of the United Nations Foundation, an organization launched with a \$1 billion from Ted Turner to support United Nations causes. Wirth organized the 1988 Senate hearing at which NASA scientist James Hansen first presented the fear of global warming. The text below is from a 2007 Wirth interview.

### WHAT MADE THE ISSUE TAKE OFF?

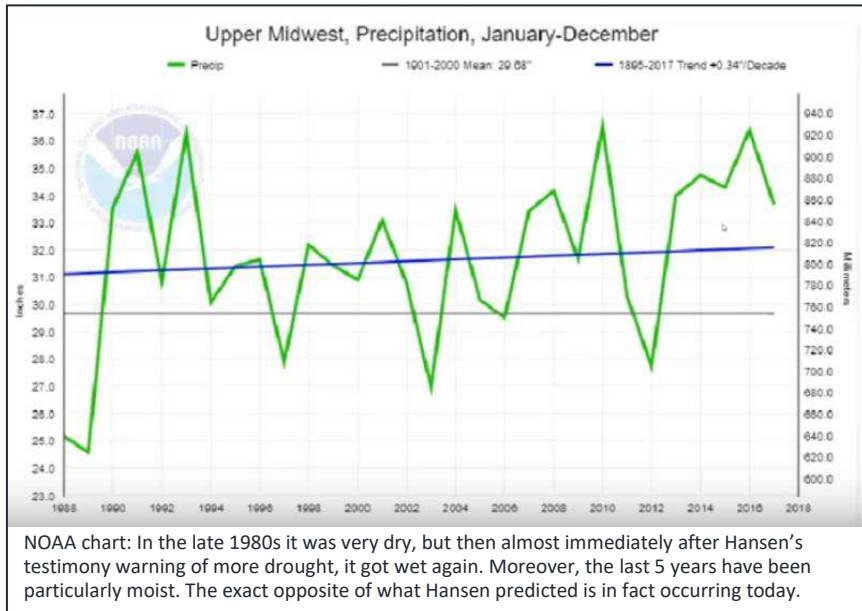
...a number of things happened in the late 1980s. We had introduced... an 18-part climate change bill; and so, we had this set of hearings, and Jim Hansen was the star witness. I don't remember exactly where the data came from, but we knew there was this scientist at NASA... and when the hearing occurred... it was really hot. ...

### NOTES FROM Grassroots Alberta:

Aspects of this global warming charade played out at the US Congress (described on pages 4-5) sound so bizarre and dishonest that some will not want to believe that a US sitting senator and a senior NASA scientist participated in what amounted to a staged misrepresentation to a congressional hearing.

There are a number of sources that will corroborate the story as we have presented it. One credible source is PBS. The link to the document by PBS of what was done by Wirth and Hansen is at: [Pbs.org/wgbh/pages/frontline/hotpolitics/interviews/wirth.html](https://www.pbs.org/wgbh/pages/frontline/hotpolitics/interviews/wirth.html)

Other material in this section is sourced to Real Climate Science and: <https://wattsupwiththat.com/2018/06/30/dr-hansens-statistics/>



The heat and drought led to massive fires that summer. In fact, Yellowstone National Park nearly burned up. So, the stage was set for Hansen. It was extremely hot. It was extremely dry and there were fires burning in Yellowstone. Here are the specific predictions that Hansen made to the US Congress:

Hansen said that the overall temperature of the earth rose “sharply” this year (1988), signaling the beginning of the “greenhouse effect” and significantly increasing the likelihood of droughts and heatwaves... “Our climate model simulations for the late 1980s

## IN ‘88; HANSEN SAID THE NUMBER OF 90° DAYS WOULD INCREASE—THEY DECLINED

But it wasn't just hot in 1988. There was also a terrible drought covering the country. The Mississippi River nearly dried up that summer. A story in the Jackson Sun reported: West Tennessee is shriveling in a drought and no one is really sure what is causing it or when it will end. While scientists and weather experts toss around theories about sun spot cycles and Pacific sea surface temperatures rain clouds continue to elude the area and everything is getting drier and drier.

This article is dated June 19th, 1988, and four days later James Hansen came to Congress and he definitively told everyone what was causing the heat and drought—it was the emissions from their automobiles. They needed to quit driving. Everything was so simple now. This farmer's tractor was causing the heat and drought, which was ruining his farm. There were many dry years in the 1980s, but the drought of 1988 was the worst. And low water levels forced hydro-electric plants to shutdown.

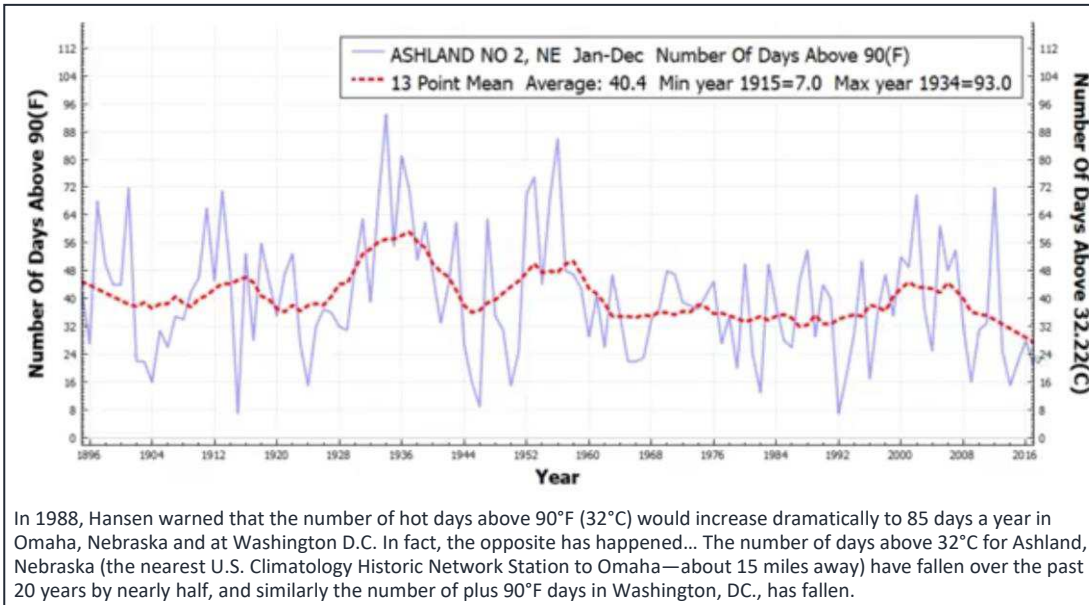
and the 1990s indicate a tendency for an increase of heatwave drought situations in the Southeast and Midwestern United States,” he testified.

As the accompanying NOAA chart shows, in the late 1980s it was very dry, but then almost immediately after Hansen's testimony, warning of more drought, it got wet again. The exact opposite of what Hansen predicted is in fact occurring.

Hansen also warned that the number of hot days above 90°F (32°C) would increase to 85 per year in Omaha and at Washington D.C. The opposite happened. The number of days above 32°C for Omaha (Ashland) have fallen over the past 20 years.

Hansen also “completely messed up” his forecast of 38°C+ days for Washington D.C.: The number of hot days (38°C or higher) for the Washington D.C. area has declined instead of rising as Hansen projected in 1988.





Hansen made his ice-free prediction), is thicker. The Sat-maps show that today there is more Arctic ice over four meters thick than there was ten years ago.

### LAKE LEVEL PREDICTIONS? DIDN'T HAPPEN!

James Hansen, the man many call the father of global

### HANSEN'S PREDICTIONS ON THE ARCTIC? OOPS! THAT DIDN'T HAPPEN EITHER!

Hansen's predictions concerning the Arctic turned out equally wrong. Though the Arctic saw ice loss until about 2010, it has since rebounded robustly, which means that it may well have to do with natural cycles rather than just CO2 in the atmosphere.

This past fall, Britain's Global Warming Policy Foundation reported that Arctic Ice is growing again and that it represents 472,000 km<sup>2</sup> more than in 2007, and 1.2 million km<sup>2</sup> more than the record set in 2012.

In June of 2008, Hansen predicted that the Arctic would be ice free within five to ten years. "We're toast!" Hansen said, insisting that the world was at a "tipping point," claiming that the melting was occurring exactly as he had earlier said it would.

In fact, rather than melting, Arctic ice is thickening. Satellite maps from the Danish Meteorological Institute show that sea ice in June 2018 compared to June 2008 (when

warming, also predicted that lake levels would drop to possibly dramatic levels. The reality today, however, is that they are higher! The Great Lakes did not dry up and see their levels sink. Instead, since Hansen made his predictions, levels have increased.

### SEA LEVEL FORECAST? MISSED THAT ONE TOO!

NASA's Hansen warned in 1988 that melting polar and glacial ice would lead to rapidly rising sea levels. He stated that New York City would be partially under water by 2018. Al Gore made similar predictions.

*Cont'd on next page*



Gavin Schmitt (above) replaced James Hansen as NASA GISS Director. Schmitt is well known for ducking out and avoiding debate, including with former NASA Climate scientist Dr. Roy Spencer. Schmitt refused a public exchange of one-on-one ideas.



But here too, Hansen missed the mark. Modern charts show that sea level at New York back to 1850 maintained a rate of change that has been constant.

## CLIMATE HUCKSTER FORECASTS WERE NO BETTER THAN FORTUNE TELLING GYPSIES

Tony Heller from Real Climate Science reported that in a nutshell, these NASA forecasts from Hansen turned out to be no better than the junk-fortunes peddled by gypsies in a traveling sideshow.

## MCKENNA IMAGINES CATASTROPHE

Catherine McKenna regularly speaks at length about weather and natural occurrences that she attributes to carbon dioxide and global warming. The Fort McMurray fire? Climate change! Floods? Climate change? Droughts? Climate change! Tornadoes? Climate change! Too much rain? Climate change! Not enough rain? Climate change!

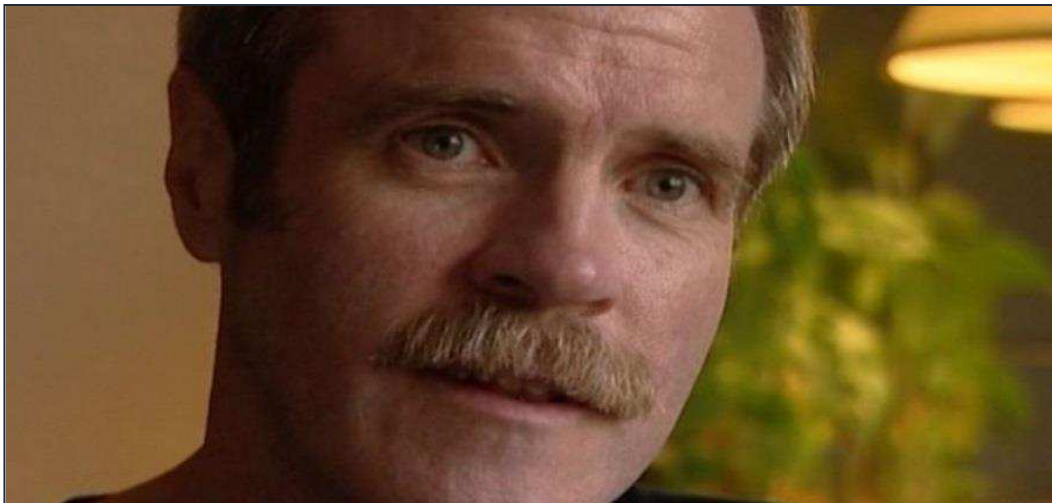
McKenna’s affection for what some refer to as “climate hysteria” leads her to make connections between normal weather events and what she calls climate pollution (carbon dioxide—which is not pollution at all). McKenna then voices her hysteria, ignoring the fact that leading climate scientists consistently point out that connecting normal weather events to climate change is silly.

## THINGS THAT THE MEDIA CLAIMS ARE CAUSED BY GLOBAL WARMING

Some time ago, an online site assembled a list of news stories about calamities that are supposedly caused by global warming. The list includes: Shrinking sheep; malaria in Africa; jellyfish invasion in the Mediterranean; monsoons; lack of monsoons; walrus deaths in Alaska; hunger in Nepal; surge in fatal shark attacks; typhoid in the Philippines; floods in Jakarta; snowfall in Baghdad; severe acne; airplane bird strikes; cougar attacks; squirrels to reproduce early;

monkey migration; confused migrating birds.

Bigger tuna fish; water shortages in Las Vegas; increase of kidney stones in India; moose deaths; diabetes; cattle infertility; insomnia; cockroach migration; fewer maple trees; increasing crime; grizzly bear deaths; dengue fever; caterpillars devouring towns in Liberia; species extinction; varicose veins; and so much more. ♦



### WHAT ABOUT THE FIRES AND HEAT WAVES?

Much of the news media’s discussion about these [recent] fires have established a correlation between wildfires and anthropogenic climate change, a correlation that Dr. John Christy rejects. Christy argues that fires, particularly in California, result from human mismanagement. Such states have enacted strict regulations that disallow low-level fires from burning, he said. “If you don’t let low-intensity fires burn, that fuel builds up year after year,” Christy said. “Once a fire gets going, it then has so much fuel that we can’t put it out. In that sense, you could say that fires today are more intense, but it’s because of human management practices, not because mother nature has done something.” Data from the Fire Center indicates that the number of wildfires has been decreasing since the 1970s overall, he said, though acreage burned has increased. Christy is a former NASA Scientist and presently serves as Alabama State Climatologist.



## IT'S BEEN WARMER: EXTREME WEATHER HAS VISITED US BEFORE—MANY TIMES

To listen to the climate alarmist community, one would think that the Earth has never been so warm as it is now. It's been warmer, and sea levels have been higher. NOAA (US gov't) says if you go back far enough the earth was hotter than 400 F (200+C) and that sea levels have shifted by hundreds of metres.

James Hansen, the famed NASA scientist who stirred the climate scare when he met with a Senate committee in 1988 knows this to be true. Hansen also knows that his alarmist predictions were not true. Yet he has never backed off his claims, despite the fact that he's demonstrably wrong. No one this side of Al Gore has had a larger impact on trafficking in fear and trying so hard to sow panic.

His narrative since that day in 1988 is that Earth is entering a dangerous warm era created by man's carbon dioxide emissions. Every heat wave, cold snap, drought, hurricane, heavy snow, torrential rain, and change in sea level has been supposedly caused by man. And all are allegedly unprecedented events.

Except they're not. It's been warmer, and extreme weather has visited us before, all in a time long before man began to drive cars and operate power plants.

"The last interglacial period, 120,000 years ago, it was warmer than today, sea level was 6 to 9 meters higher," Hansen said in an interview with online magazine *Yale Environment 360*.

So it has been warmer, and sea levels have been higher. And those conditions were entirely natural. Yet alarmists want us to believe that the predicted warmth of today—which has yet to occur—is man-caused. How do they know this? And why do they never mention that we are leaving the Little Ice Age and entering another interglacial period, an era that many scientists say should be warmer?



### GUY MCPHERSON, AN ALARMIST AT THE UNIVERSITY OF ARIZONA

Two years ago, Guy McPherson assured NZ broadcaster Paul Henry (and anyone listening) that humanity had ten years left. Climate change and global warming, he said, was going to kill us all by 2026. Interestingly, NASA's James

Hansen, sounded much like McPherson several decades earlier. Hansen is the NASA scientist who said the oceans would "boil." Other Hansen predictions included that the Hudson River in New York would overflow due to CO2 emissions and that New York City would be underwater by 2008. He said that the Arctic would lose all of its ice long ago, and called coal companies criminal enterprises, saying that the Obama administration had only 4 years left to save the planet.

Additionally, we've been told until the alarmists have no more hot air to exhale that we are running out of time to act, and that maybe we already have.

Anthony Watts (Watts Up With That) says that Hansen "seems interested in promoting alarmism at all costs. Perhaps the best analysis is from science blogger David Appell, who says that the canonization of the Hansen study is mere barnyard droppings. ♦



According to many climate alarmists (including Canada's Catherine McKenna) every heat wave, cold snap, drought, hurricane, heavy snow, flood, and wildfire has supposedly been caused by humans. And allegedly, each is an unprecedented event that can be fixed with a tax.



Michael Crichton—one of the most popular writers in the world.

## WORLD-CLASS CLIMATE SKEPTIC

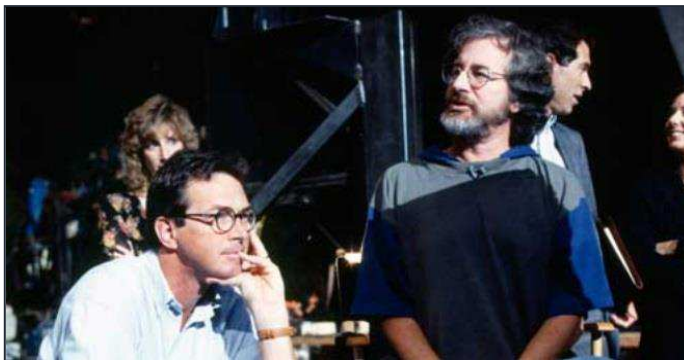
Michael Crichton was one of the world’s most popular writers. His books have sold over 200 million copies—translated into nearly forty languages.

Much of his writing contains themes of science and the environment, with more than a dozen of his novels

being turned into blockbuster movies. These include: *Jurassic Park* (Jeff Goldblum, Richard Attenborough), *Sphere* (Dustin Hoffman, Samuel L. Jackson,) and *The 13th Warrior* (Omar Sharif).

Crichton was a respected academic who devoted an enormous amount of thinking to scientific topics—including global warming.

He graduated with the highest distinction from Harvard Medical School, and was a postdoctoral fellow at the Salk Institute for Biological Studies. He also taught anthropology at Cambridge and taught at MIT.



Michael Crichton (left) collaborating with Steven Spielberg on the set of *Jurassic Park*. The blockbuster movie about dinosaurs was based on Crichton’s bestselling book. The film grossed over \$1 billion.

Crichton was diagnosed with lymphoma and passed away in 2008.

He was 66. Despite the fact that he’s been gone more than a decade, Crichton remains a vibrant element of the global warming debate—so much so, that when a respected journal set out to name the world’s ten most influential climate skeptics, Crichton was in the thick of things.

This is because two more of his books have been published since his death. The first was found on his personal computer by an assistant. The second was about one-third finished. The publisher with whom Crichton had a contract subsequently appointed a reputable co-writer to complete the unfinished work as a co-author.

Crichton was one of the earliest when it came to publicly and persuasively pointing out that climate alarmism and the modern environmental movement are not about science or even about the environment.

Climate alarmism and modern environmentalism “are a religion,” Crichton said, with all the tenets, trappings, and doctrines you’d expect to see in any fundamentalist religion. Crichton’s best-known presentation on the subject was delivered in a speech at the Commonwealth Club in San Francisco—an organization that “proposes to find truth and turn it loose in the world.” That speech, with slight editing for space and clarity, is as follows.

*Crichton was one of the earliest when it came to publicly and persuasively pointing out that climate alarmism and the modern environmental movement are not about science or even about the environment. Climate alarmism and modern environmentalism “are a religion,” he said.*



## ENVIRONMENTALISM IS THE WESTERN WORLD'S MOST POWERFUL RELIGION

I have been asked to talk about what I consider the most important challenge facing mankind, and I have a fundamental answer. The greatest challenge facing mankind is the challenge of distinguishing truth from propaganda.

Perceiving truth has always been a challenge to mankind, but in the information age it takes on a special urgency and importance.

We must daily decide whether the threats we face are real, whether the solutions we are offered will do any good, and whether the problems we're told exist are in fact real problems, or non-problems. Every one of us has a sense of the world, and we all know that this sense is in part given to us by what other people and society tell us.

As an example of this challenge, I want to talk today about environmentalism. And in order not to be

*If you look carefully, you'll see that environmentalism is a perfect 21st century remapping of traditional Judeo-Christian beliefs—Eden, past paradise, sin, salvation, redemption, and a future judgment day for sinners.*

misunderstood, I want it perfectly clear that I believe it is incumbent on us to conduct our lives in a way that takes into account all the consequences of our actions, including the consequences to other people, and the consequences to the environment.

I believe it is important to act in ways that are sympathetic to the



Crichton: "I studied anthropology, and one thing I learned was that certain human social structures always reappear. They can't be eliminated from society. One of these is religion. Today we live in a secular society in which many people do not believe in God. But... you cannot eliminate religion from the psyche of mankind. If you suppress it in one form, it re-emerges in another. You still have to believe in something that gives meaning to your life, and shapes your sense of the world. Such a belief is religious."

environment, and I believe this will always be a need, carrying into the future. The world has genuine problems and I believe it can and should be improved.

But I also think that deciding what constitutes responsible action is immensely difficult, and the consequences of our actions are often difficult to know in advance.

I studied anthropology in college, and one of the things I learned was that certain human social structures always reappear. They can't be eliminated from society. One of those structures is religion. Today it is said we live in a secular society in which many people—the best people, the most enlightened people—do not believe in any religion. But I think that you cannot eliminate religion from the psyche of mankind. If you suppress it in one form, it merely re-emerges in another form. You can not believe in God, but you still have to believe in something that gives meaning to your life, and shapes your sense of the world. Such a belief is religious.

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## URBAN ATHEISTS AND THE CHURCH OF GLOBAL WARMING

Environmentalism seems to be the religion of choice for urban atheists. Why do I say it's a religion? Well, just look at the beliefs. If you look carefully, you see that environmentalism is in fact a perfect 21st century remapping of traditional Judeo-Christian beliefs and myths.

There's an initial Eden, a paradise, a state of grace and unity with nature; there's a fall from grace into a state of pollution... and as a result of our actions there is a judgment day coming for all. We are energy sinners, doomed to die, unless we seek salvation, which is now called sustainability. Sustainability is salvation in the church of the environment. Just as organic food is its communion, that pesticide-free wafer that the right people with the right beliefs, imbibe.

Eden, the fall of man, the loss of grace, the coming doomsday—these are deeply held mythic structures. They are profoundly conservative beliefs. They may even be hard-wired in the brain, for all I know. I certainly don't want to talk anybody out of them, as I don't want to talk anybody out of a belief that Jesus Christ is the son of God who rose from the dead. But the reason I don't want to talk anybody out of these

beliefs is that I know that I can't talk anybody out of them. These are not facts that can be argued. These are issues of faith. And so it is, sadly, with environmentalism. Increasingly it seems facts aren't necessary, because the tenets of environmentalism are all about belief. It's about whether you are going to be a sinner, or saved. Whether you are going to be one of the people on the side of salvation, or on the side of doom. Whether you are going to be one of us, or one of them.

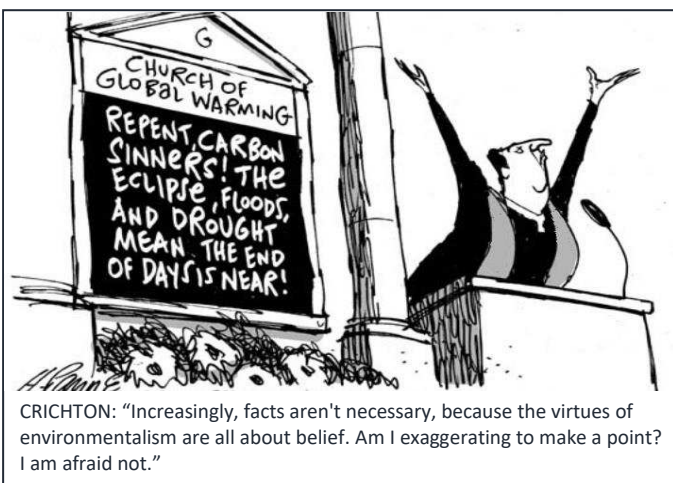
*And what about indigenous peoples, living in a state of harmony with the Eden-like environment? Well, they never did. On this continent, the newly arrived people who crossed the land bridge almost immediately set about wiping out hundreds of species of large animals.*

### UNFORTUNATELY, I AM NOT EXAGGERATING

Am I exaggerating to make a point? I am afraid not. Because we know a lot more about the world than we did forty or fifty years ago. And what we know now is not so supportive of certain core environmental myths, yet the myths do not die.

There is no environmental Eden. [There never was.] It was a time when infant mortality was 80%, when four in five children died of disease before the age of five. When one woman in six died in childbirth. When the average lifespan was closer to 40, as it was in North America a century or more ago. Plagues swept across the planet, killing millions in a stroke. Millions starved. This was not a benign Environmental Eden.

*Cont'd on next page*



CRICHTON: "Increasingly, facts aren't necessary, because the virtues of environmentalism are all about belief. Am I exaggerating to make a point? I am afraid not."



## ENVIRONMENTALISTS & THEIR FANTASIES

What about indigenous peoples, living in a state of harmony with the Eden-like environment? Well, they never did. On this continent, the newly arrived people who crossed the land bridge almost immediately set about wiping out hundreds of species of large animals, and they did this several thousand years before the white man showed up to accelerate the process.

And what was the condition of life? Loving, peaceful, harmonious? Hardly: the early peoples of The New World lived in a state of constant warfare. Generations of hatred, tribal hatreds, constant battles.

How about the human condition in the rest of the world? The Maori of New Zealand committed massacres regularly. The dyaks of Borneo were headhunters. The Polynesians, living in an environment as close to paradise as one can imagine, fought constantly, and created a society so hideously restrictive that you could lose your life if you stepped in the footprint of a chief.

The warlike tribes of this continent are famous: the Comanche, Sioux, Apache, Mohawk, Aztecs, Toltec, Incas. Some of them practiced infanticide, and human sacrifice. Those tribes that were not fiercely warlike were exterminated, or built their villages high in the cliffs to attain some measure of safety.



CRICHTON: The environmentalist idea that noble savages lived in harmony with each other and nature is a fantasy—that anyone still believes it shows the tenacity of religious myths, and the ability that these myths have to hang on in the face of centuries of factual contradiction.

It was the Polynesians who gave us the very concept of taboo, as well as the word itself. The noble savage is a fantasy, and it was never true. That anyone still believes it, 200 years after Rousseau, shows the tenacity of religious myths, their ability to hang on in the face of

centuries of factual contradiction.

## MEASURING ENVIRONMENTAL FANTASIES

One way to measure the prevalence of fantasy is to note the number of people who die because they haven't the least knowledge of how nature really is. They stand beside wild animals, like buffalo, for a picture and get trampled to death; they climb a mountain in dicey weather without proper gear, and freeze to death.

They drown in the surf on holiday because they can't conceive the real power of what we blithely call "the force of nature." They have seen the ocean. But never been in it.

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One way to measure the prevalence of environmental fantasy is to note the number of people who die because they haven't the least knowledge of how nature really is. They stand beside wild animals, like buffalo, for a picture and get killed; they climb a mountain in dicey weather without proper gear, and freeze. ABOVE: A black bear charges a roadside tourist who wanted to snap pictures and "be friends."



Almost nobody wants to experience real nature. What people want is a week or two in a cabin in the woods, with screens on the windows and a portable BBQ. Or a river rafting trip for a few days. They want a simplified life for a while. Nobody wants to go back to nature in any real way. It's all talk—and as the population grows increasingly urban, it's uninformed talk.

## ENVIRONMENTALISTS PAINT A ROSY (AND FALSE) PICTURE OF THE PAST

There was even an academic movement, during the latter 20th century, claiming that cannibalism was a white man's invention to demonize the indigenous peoples. (Only academics could fight such a battle.) It was some thirty years before professors finally agreed that yes, cannibalism does indeed occur among human beings.

Meanwhile, all during this time New Guinea highlanders in the 20th century continued to eat the brains of their enemies until they were finally made to understand that they risked kuru, a fatal neurological disease, when they did so. And African pygmies have one of the highest murder rates on the planet.

In short, the romantic view of the natural world as a blissful Eden is only held by people who have no actual experience of nature. People who live in nature are not romantic about it at all. They may hold spiritual beliefs about the world around them, they may have a sense of the unity of nature or the aliveness of all things, but they still kill the animals and uproot the plants in order to eat, to live. If they don't, they will die.

And if you, even now, put yourself in nature even for a matter of days, you will quickly be disabused of all your romantic fantasies. Take a trek through the jungles of Borneo, and in short order you will have festering sores on your skin, you'll have bugs all over your body, biting in your hair, crawling up your nose and into your ears, you'll have infections and sickness and if you're not with somebody who knows what they're doing, you'll quickly starve to death. But chances are that even in the jungles of Borneo you won't experience nature so directly, because you will have covered your entire body with DEET and be doing everything you can to keep those bugs off you.

The truth is that almost nobody wants to experience real nature. What people want is to spend a week or two in a cabin in the woods, with screens on the windows. They want a simplified life for a while, without all their stuff. Or a nice river rafting trip for a few days, with somebody else doing the cooking. Nobody wants to go back to nature in any real way, and nobody does. It's all talk—and as the years go on, and the world population grows increasingly urban, it's uninformed talk. Farmers know what they're talking about. City people don't. It's all fantasy.



"Everything on our dinner table—the meat, cheese, salad, bread, and soft drink—requires carbon dioxide to be there. For those of you who believe that carbon dioxide is a pollutant, we have a special diet—water and salt!" —Author Jo Nova

"We have no idea what's natural and what's man made. There is no fingerprint of human-caused warming."

—Climate Scientist Dr. Roy Spencer



"No chemical compound in the atmosphere has a worse reputation than CO<sub>2</sub>, thanks to the demonization of this natural and essential atmospheric gas by advocates of government control... The list of supposed horrors... CO<sub>2</sub> will bring the world is pure belief disguised as science."

Princeton Scientist Dr. Will Happer

"Global Warming is pseudoscience ... from 1880 to 2013 the temperature has increased from ~288K to 288.8K (0.3%) ... the temperature has been amazingly stable; One thing you should not do is confuse pollution with CO<sub>2</sub>—CO<sub>2</sub> is not pollution."

—Nobel Scientist Ivar Giaever





## THE TV GENERATION EXPECTS NATURE TO ACT THE WAY THEY WANT IT TO ACT

The television generation expects nature to act the way they want it to be. They think all life experiences can be TiVo'd. The notion that the natural world obeys its own rules and doesn't give a damn about your expectations comes as a massive shock.

Well-to-do, educated people in an urban environment experience the ability to fashion their daily lives as they wish. They buy clothes that suit their taste, and decorate their apartments as they wish. Within limits, they can contrive a daily urban world that pleases them.

But the natural world is not so malleable. On the contrary, it will demand that you adapt to it—and if you don't, you die. It is a harsh, powerful, and unforgiving world that most urban westerners have never experienced.

Many years ago I was trekking in the Karakorum mountains of northern Pakistan, when my group came to a river that we had to cross. It was a glacial river, freezing cold, and it was running very fast, but it wasn't deep—maybe three feet at most. My guide set out ropes for people to hold as they crossed the river, and everybody proceeded, one at a time, with extreme care.

I asked the guide what was the big deal about crossing a three-foot river. He said, well, supposing you fell and suffered a compound fracture. We were now four days trek from the last big town, where there was a radio. Even if the guide went back double time to get help, it'd still be at least three days before he could return with a helicopter. If a helicopter were available at all. And in three days, I'd probably be dead from my injuries.



The guide set out ropes to hold as we crossed. Everybody proceeded with extreme care. I asked what was the big deal about crossing a three-foot river. The guide said, "Suppose you fell and suffered a fracture. We're four days from the last town. So even if someone double-timed to get help, it'd be at least three days before he could get a helicopter. If a helicopter were available at all. In three days, you'd probably be dead."

So that was why everybody was crossing carefully. Because out in nature a little slip could be deadly. But let's return to religion. What about salvation, sustainability, and judgment day? What about the coming environmental doom from fossil fuels and global warming, if we all don't get down on our knees and conserve every day?

Well, it's interesting. You may have noticed that something has been left off the doomsday list, lately. Although the preachers of environmentalism have been yelling about population for fifty years, over the last decade world population seems to be taking an unexpected turn. Fertility rates are falling almost everywhere.

As a result, over the course of my lifetime the thoughtful predictions for total world population have gone from a high of 20 billion, to 15 billion, to 11 billion (which was the UN estimate around 1990) to now 9 billion, and soon, perhaps less. There are some who think that world population will peak in 2050 and then start to decline.

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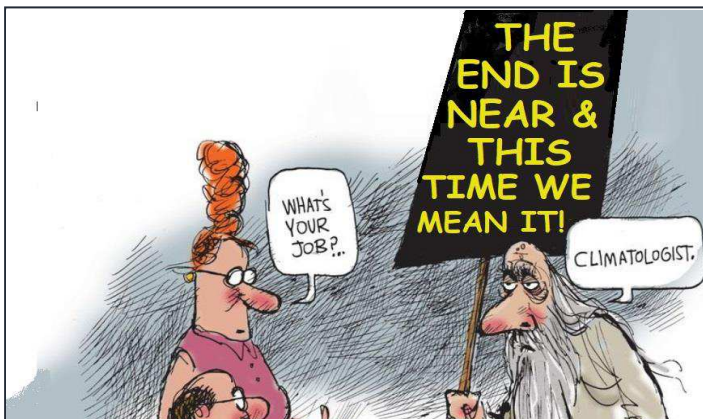
## REPEATED FALSE PREDICTIONS WON'T IMPEDE THE CLIMATE ALARMIST RELIGION

Nobody anywhere will say that the core fears expressed for most of my life have turned out not to be true. As we have moved into the future, these doomsday visions vanished, like a mirage in the desert. They were never there—though they still appear, in the future. As mirages do.

Okay, so, the preachers made a mistake. They got one prediction wrong; they're human. So what. Unfortunately, it's not just one prediction. It's a whole slew of them. We are running out of oil. We are running out of natural resources.

Paul Ehrlich said 60 million Americans would die of starvation in the 1980s. Forty thousand species become extinct every year. Half of all species on the planet will be extinct by 2000. And on and on and on.

With so many past failures, you might think that environmental predictions would become more cautious. But not if it's a religion. Remember, the nut



on the sidewalk carrying the placard that predicts the end of the world doesn't quit when the world doesn't end on the day he expects. He just changes his placard, sets a new doomsday date, and goes back to walking the streets.

One of the features of religion is that your beliefs are not troubled by facts.

## ENVIRONMENTALISM RUN AMOK—THE DDT BAN HAS KILLED MILLIONS

Banning DDT is one of the most disgraceful episodes in the twentieth century history of America. We knew better, and we did it anyway, and we let people around the world die and didn't give a damn.

I can tell you that DDT is not a carcinogen and did not cause birds to die and should never have been banned. I can tell you that the people who banned it knew it wasn't carcinogenic and banned it anyway. The DDT ban has caused the deaths of tens of millions of poor people, mostly children, whose deaths are directly attributable to a callous, technologically advanced western society that promoted the new cause of environmentalism by pushing a fantasy about a pesticide, and thus irrevocably harmed the third world. The Ugandan Health Minister says millions in his country die every year from malaria, simply because North American environmentalists fear DDT and want it banned.

I can tell you that secondhand smoke is not a health hazard to anyone and never was, and the EPA has always known it. I can tell you that the evidence for global warming is far weaker than its proponents would ever admit. I can tell you the percentage of US land area that is taken by urbanization, including cities and roads, is 5%. I can tell you that the Sahara Desert is shrinking, and the total ice of Antarctica is increasing.

I can tell you that a blue-ribbon panel in *Science* magazine concluded that there is no known technology that will enable us to halt the rise of carbon dioxide in the 21st century. Not wind, not solar, not even nuclear. The panel concluded a totally new technology like nuclear fusion was necessary, otherwise nothing could be done and in the meantime



all efforts would be a waste of time. They said that when the UN IPCC reports stated alternative technologies existed that could control greenhouse gases, the UN was wrong.

I can, with a lot of time, give you the factual basis for these views, and I can cite the appropriate journal articles not in whacko magazines, but in the most prestigious science journals, such as *Science* and *Nature*. But such references probably won't impact more than a handful of you, because the beliefs of a religion are not dependant on facts, but rather are matters of faith. Unshakeable belief.

Most of us have had some experience interacting with religious fundamentalists, and we understand that one of the problems with fundamentalists is that they have no perspective on themselves. They never recognize that their way of thinking is just one of many other possible ways of thinking, which may be equally useful or good.

On the contrary, they believe their way is the right way, everyone else is wrong; they are in the business of salvation, and they want to help you to see things the right way. They want to help you be saved. They are totally rigid and totally uninterested in opposing points of view. In our modern complex world, fundamentalism is dangerous because of its rigidity and its imperviousness to other ideas.

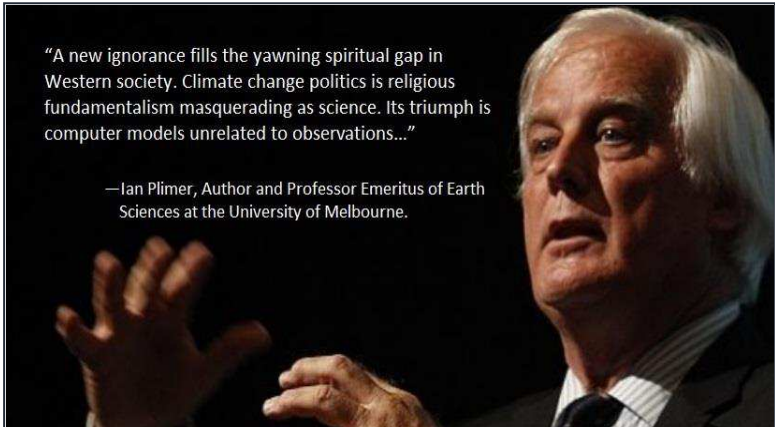
I want to argue that it is now time for us to make a major shift in our thinking about the environment, similar to the shift that occurred around the first Earth Day in 1970, when this awareness was first heightened. But this time around, we need to get environmentalism out of the sphere of religion. We need to stop the mythic fantasies, and we need to stop the doomsday predictions. We need to start doing hard science instead. There are two reasons

why I think we all need to get rid of the religion of environmentalism.

## THE WORLD NEEDS AN ENVIRONMENTAL MOVEMENT—ONE THAT IS GENUINE, AND NOT CONDUCTED AS AN ALARMIST RELIGION

First, we need an environmental movement, and such a movement is not very effective if it is conducted as a religion. We know from history that religions tend to kill people, and environmentalism has already killed somewhere between 10-30 million people since the 1970s. It's not a good record. Environmentalism needs to be absolutely based in objective and verifiable science, it needs to be rational, and it needs to be flexible. And it needs to be apolitical.

To mix environmental concerns with the frantic fantasies that people have about one political party or another is to miss the cold truth—that there is very little difference between the parties, except a difference in pandering rhetoric. The effort to promote effective legislation for the environment is not helped by thinking that [one party] will save us and [another one] won't. Political history is more complicated than that. Never forget which president started the EPA: Richard Nixon. And never forget which president sold federal oil leases, allowing oil drilling in Santa Barbara: Lyndon Johnson. So get politics out of your thinking about the environment.



"A new ignorance fills the yawning spiritual gap in Western society. Climate change politics is religious fundamentalism masquerading as science. Its triumph is computer models unrelated to observations..."

—Ian Plimer, Author and Professor Emeritus of Earth Sciences at the University of Melbourne.



## CLIMATE ALARMISTS HONESTLY THINK THEY KNOW EVERYTHING

The second reason to abandon environmental religion is more pressing. Religions think they know it all, but the unhappy truth of the environment is that we are dealing with incredibly complex, evolving systems, and we usually are not certain how best to proceed.

Those who are certain are demonstrating their personality type, or their belief system, not the state of their knowledge. Our record in the past, for example managing national parks, is humiliating. Our fifty-year effort at forest-fire suppression is a well-intentioned disaster from which our forests will never recover.

We need to be humble, deeply humble, in the face of what we are trying to accomplish. We need to be trying various methods of accomplishing things. We need to be open-minded about assessing results of our efforts, and we need to be flexible about balancing needs. Religions are good at none of these things. How will we manage to get environmentalism out of the clutches of religion, and back to a scientific discipline? There's a simple answer: We must institute

far more stringent requirements for what constitutes knowledge in the environmental realm. I am thoroughly sick of politicized so-called facts that simply aren't true. It isn't that these "facts" are exaggerations of an underlying truth.

Nor is it that certain organizations are spinning their case to present it in the strongest way.

Not at all—what more and more groups are doing is putting out lies, pure and simple. Falsehoods that they know to be false.

In the end, science offers us the only way out of politics. And if we allow science to become politicized, then we are lost.

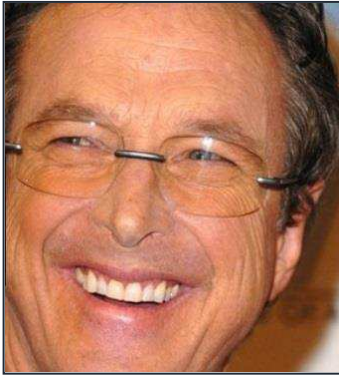
We will enter the Internet version of the dark ages, an era of shifting fears and wild prejudices, transmitted to people who don't know any better. That's not a good future for the human race. That's our past.

So it's time to abandon the religion of environmentalism, and return to the science of environmentalism, and base our public policy decisions firmly on that. ♦



CRICHTON: "If we allow science to become politicized, then we are lost. We will enter the Internet version of the dark ages." According to Crichton, people such as the above pictured cabinet ministers are advancing a new world order based on the politicization of science. Left to right: Fisheries Minister Tootoo, Climate Minister McKenna, Trade Minister Freeland, Foreign Affairs Minister Dion, Heritage Minister Mélanie Joly, International Development Bibeau, Defense Minister Sajjan, and Minister Goodale.





The greatest scientists in history are great precisely because they broke with the consensus. There is no such thing as consensus science. If it's consensus, it isn't science. If it's science, it isn't consensus. Period.

—Michael Crichton

## CRICHTON'S INSIGHTS:

◆ Even if you don't believe in God, you still have to believe in something that gives meaning to your life, and shapes your sense of the world. Such a belief is religious.

◆ Do you know what we call

opinion in the absence of evidence? We call it prejudice.

◆ I operate under the assumption that the mass media will never be accurate. It operates with the objective to simplify and exaggerate, which is exactly what Walt Disney told his cartoonists.

◆ This fascination with computer models is something I understand very well. [The renowned scientist] Richard Feynmann called it a disease. I fear he is right.

◆ Consensus is invoked only in situations where the science is not solid enough.

◆ That is the danger we now face. And this is why the intermixing of science and politics is a bad combination, with a bad history. We must remember the history, and be certain that what we present to the world as knowledge is disinterested and honest.

◆ Environmentalism has already killed somewhere between 10-30 million people since the 1970s.

◆ Nobody believes a weather prediction twelve hours ahead. Now we're being asked to believe a prediction that goes out 100 years into the future? And make financial investments based on that prediction? Has everybody lost their minds?

◆ If we allow science to be politicized, we're lost. ◆

## CONSENSUS SCIENCE IS NOT SCIENCE

I want to pause here and talk about this notion of consensus, and the rise of what has been called consensus science.

Historically, the claim of consensus has been the first refuge of scoundrels; it is a way to avoid debate by claiming that the matter is already settled.

Whenever you hear the consensus of scientists agrees on something or other, reach for your wallet, because you're being had. Let's be clear: The work of science has nothing whatever to do with consensus. Consensus is the business of politics.

Science, on the contrary, requires only one investigator who happens to be right, which means that he or she has results that are verifiable by reference to the real world. In science consensus is irrelevant.

What is relevant is reproducible results. The greatest scientists in history are great precisely because they broke with the consensus.

There is no such thing as consensus science. If it's consensus, it isn't science. If it's science, it isn't consensus. Period.◆

—Michael Crichton



The above photo was published in a climate alarmist report describing the global catastrophe and death of millions presently being predicted by the United Nations. The United Nations, backed by people like Canada's Justin Trudeau and Climate Minister Catherine McKenna, says that if the people of the earth do not literally reduce carbon dioxide emissions to zero by 2050, disaster will occur. Wheat and corn will be less nutritious; water and food supplies will be threatened globally. The report says that the private use of cars and airplanes must be restricted on a large scale, as well as shipping on a large scale.

*The following article was not written by Grassroots Alberta. We are presenting it here as an example of the response of climate alarmists after the release of the United Nations' most recent publication, the "1.5 Degree Report."*

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## **UNITED NATIONS CLAIMS CO2 EMISSIONS MUST GO TO ZERO BY 2050 TO AVOID DESTROYING PLANET EARTH**

The IPCC's 1.5 Degree Report' paints a dire picture that suggests we must fundamentally change the nature of society in the next decade.

World leaders have 12 years to fundamentally change the structure of our society in order to avoid the most cataclysmic effects of global warming, according to the world's most important consortium of climate scientists.

Carbon dioxide emissions must reach... zero by 2050 in order to keep global warming below 1.5 degrees Celsius according to the report, compiled by the Intergovernmental Panel on Climate Change (IPCC) a coalition of climate scientists working for the United Nations.

The report... claims that national pledges from the 2015 Paris Climate Accord are not enough to meet these targets.

In order to reach... zero emissions, according to the report, carbon dioxide use has to fall by 45% by 2030, less than 12 years from now.

Then, coal use will have to be reduced "substantially" by the middle of the century, and the use of technology that removes carbon from the atmosphere is "unavoidable," Jim Skea, the Co-Chair of the Working Group of the IPCC, said. *Cont'd on next page*



## UN MITIGATES FEAR & ALARM, CALLS FOR “UNPRECEDENTED” TRANSITION

If... the earth warms by 2 degrees Celsius, according to the UN report, hundreds of millions of lives are at stake. Twice as many people would have unreliable access to water as do today. Food shortages in Saharan and Sub-Saharan Africa, the Mediterranean, central Europe, and the South American Amazon will intensify. The range of heat-driven diseases like malaria will spread.

Maize, rice, and wheat will become about half as productive, and rice and wheat will become less nutritious. But 2 degrees of warming isn't even a worst-case scenario. If we keep releasing emissions at our current rate, the earth will warm by 4.8 degrees compared to pre-industrial levels by 2100.

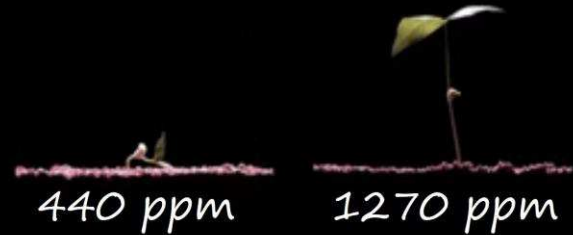
“Limiting warming to 1.5 degrees is not impossible,” IPCC Chair Hoesung Lee said at a press conference. “But [it] will require unprecedented transitions in all aspects of society.”

In essence, all of the ways that we create energy, govern industries, construct buildings, cities, and transit systems, and use land for agriculture and resource extraction will have to change. The report even states that the changes that would have to occur “have no documented historic precedent.”

The report has been in the works since 2015, when diplomats negotiating the Paris Climate Accord mandated a report to determine exactly how the world can keep global warming below 1.5 degrees Celsius compared to before the industrial revolution. ♦

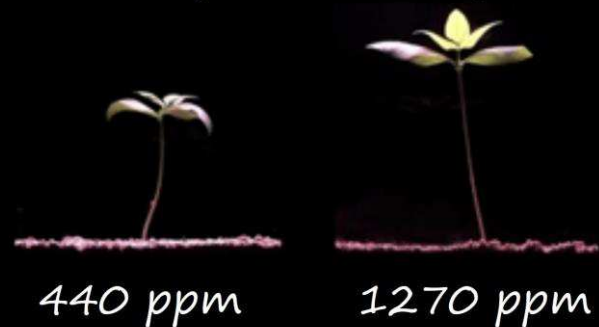
NOTICE in the above text that climate alarmists claim increased levels of carbon dioxide (CO2) will produce food shortages and the death of millions. The images along the right demonstrate that elevated CO2 levels actually nurture plant growth, resulting in a lush planet. (This explains why modern greenhouses dramatically elevate CO2 in their nurseries. Those with a green thumb know that CO2 is a life-giving plant food.)

### Time Lapse Video Day 5



The above image shows the difference in growth five days after two cowpea seeds had been planted. They were planted in environments where carbon dioxide levels differed yet were held at a constant level of 440 Parts Per Million (ppm) in one instance, and in an environment where carbon dioxide levels were elevated and held to a constant 1270 ppm.

### Time Lapse Video Day 35



ABOVE: Time lapse photograph after 35 days when carbon dioxide levels for two cowpea seeds were held at different levels.

### After 42 days



Time lapse photo 42 days after two cowpea seeds were planted, with each plant then being allowed to grow in environments with different levels of carbon dioxide. As noted on the photo, the stem in the plant on the right is 52% longer; the root in the plant on the right is 339% longer and weighs 143% more. Additionally, the plant on the right has 38% more leaves and a much heavier stem. IMAGE SOURCE: CO2Science, Gilbert, Arizona.

## UN CLIMATE ALARMISTS SAY THE POWER OF GOV'T SHOULD BE TURNED OVER TO THEM & TO THEIR ALARMIST FRIENDS

These [proposed] changes would monumentally change society. The report also says that limiting individual transportation (such as cars), airplane use, and shipping on a large scale, and improving access to electric transportation, public transit, and non-motor transit (like walking and biking), as well as restoring forests and non-human ecosystems will need to happen at a large scale in order to limit warming to 1.5 degrees.

“Frankly, we’ve delivered a message to the governments,” Skea said at a press conference. The big question is whether world leaders are willing to act. Climate historians such as Nathaniel Rich have argued that climate change exposes a limit in the human capacity to envision the future and plan for it. However, there might be a simpler explanation:

At 1.5 degrees of warming compared to 2 degrees of warming, 90% of coral reefs will bleach, as opposed to 98%. Sea levels will rise by 40 centimeters, as opposed to 50.

According to the 1.5 Degree Report, world leaders would also have to agree to give power to many stakeholders in order to effectively craft policy solutions, and they may be less than eager to do this. The report recommends “accountable multi-level governance that includes non-state actors such as industry, civil society, and scientific institutions,” which basically means consulting with scientists and citizens rather than lobbyists from the fossil fuel industry.

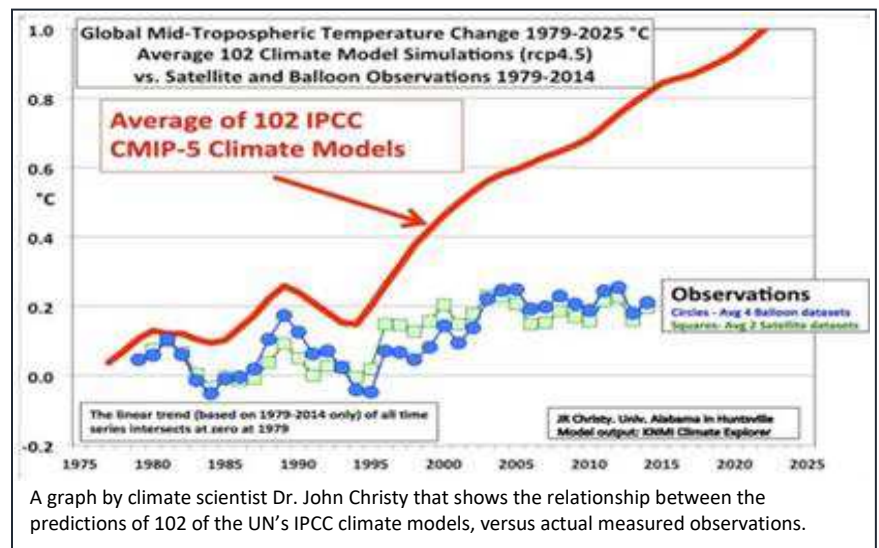
Some economists have proposed carbon pricing—which charges companies for carbon use—as a way to both confront and compromise with the fossil fuel industry. But the report unequivocally states that carbon pricing is an insufficient solution.

“Evidence and theory suggest that carbon pricing alone, in the absence of sufficient transfers... cannot reach the levels needed to trigger system transitions,” the report states.

As the earth warms, the frequency and severity of heat waves, droughts, extreme rain events, and hurricanes and typhoons will increase.

Food and water supplies will be threatened globally, sea level rise will inundate coastal communities, and billions of people will be at risk of devastating heat-driven diseases. As IPCC Chair Dr. Hoesung Lee put it: “Every bit of warming matters.” But we’re not even close to curbing warming to an already-devastating 1.5 degrees Celsius, and the only solution is inconceivable social and economic upheaval. ♦

The preceding article (starting on page 22) has been edited for space and clarity. The complete original text appears at: [https://motherboard.vice.com/en\\_us/article/43eb4b/ipcc-15-degree-climate-change-report](https://motherboard.vice.com/en_us/article/43eb4b/ipcc-15-degree-climate-change-report)







Climate Scientist Dr. Richard Lindzen speaking at the 2018 Annual Global Warming Policy Foundation at London, England, October 2018. The event was held at the Institution of Mechanical Engineers. An excerpt of Lindzen's comments (edited for space), which answer the recent report by the UN's IPCC, are below.

used to promote the overturn of industrial civilization. What we will be leaving our grandchildren is not a planet damaged by industrial progress, but a record of unfathomable silliness, as well as a landscape degraded by rusted wind farms and decaying solar panel arrays.

False claims about 97% agreement will not spare us, but the willingness of science to keep mum is likely to much-reduce trust and support for science.

#### LINDZEN SAYS:

### LINDZEN ON THE UNITED NATION'S CLAIM OF PENDING GLOBAL CALAMITY

There have been claims [by the UN and others] that Greenland ice discharge (melting) has been increasing and that global warming will increase this melting.

On the other hand, they omit to [state] in the report that both NOAA (US National Oceanic and Atmospheric Administration) and the Danish Meteorological Institute, which has a special interest in Greenland, indicate that the ice mass of Greenland has been increasing. Are these [statements] contradictory? Not necessarily.

After all, increasing ice on an ice sheet pushes peripheral ice into the ocean, so both could be true, but if you leave out half [the story] you don't have [an accurate] picture. This representation, exaggeration, cherry picking, or outright lying, pretty much covers all the [so-called] evidence—so we reach a conclusion, [which] they haven't.

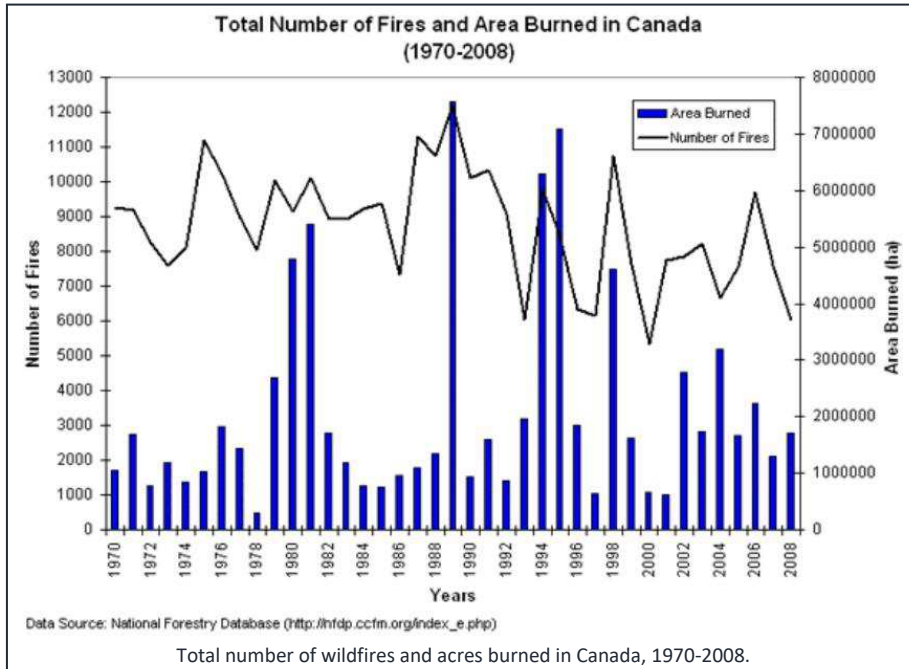
An implausible conjecture backed by false evidence, less timely fake news, and repeated incessantly, has become politically correct knowledge, and it is being

- ◆ What historians will definitely wonder about in future centuries is how deeply flawed logic, obscured by shrewd and unrelenting propaganda, actually enabled a coalition of powerful special interests to convince nearly everyone in the world that CO2 from human industry was a dangerous, planet-destroying toxin. It will be remembered as the greatest mass delusion in the history of the world—that CO2, the life of plants, was considered for a time to be a deadly poison.

- ◆ The public discourse on global warming has little in common with the standards of scientific discourse. Rather, it is part of political discourse where comments are made to secure the political base and frighten the opposition rather than to illuminate issues. ◆

Richard Lindzen is one of the world's most senior climate scientists. He is Professor Emeritus Department of Earth, Atmospheric and Planetary Sciences at MIT. Lindzen has made major contributions to the development of the theory that examines the atmospheric transport of heat and momentum from the tropics to higher latitudes, and has advanced the understanding of the role of small-scale gravity waves in producing the reversal of global temperature gradients. He has provided accepted explanations for atmospheric tides and the quasi-biennial oscillation of the tropical stratosphere. He pioneered the study of how ozone photochemistry and radiative transfer and dynamics interact with each other.

## ARE HOT SUMMERS AND GLOBAL WARMING TO BE FEARED BY ORDINARY PEOPLE?



Unfortunately, this is a battle that we cannot win with the current methodology. The reasons:

1. We all remember the fire triangle with the three legs of oxygen, heat (ignition), and fuel. In this case, the problem boils down to the fuel component; we have far too much of it, and the quantity is growing quite rapidly, for two reasons.

We quit harvesting timber in the late 1970s on federal lands in the western US, and presently have 57% more standing timber than we did in 1953. That is correct: 57% more; much of which is stagnated

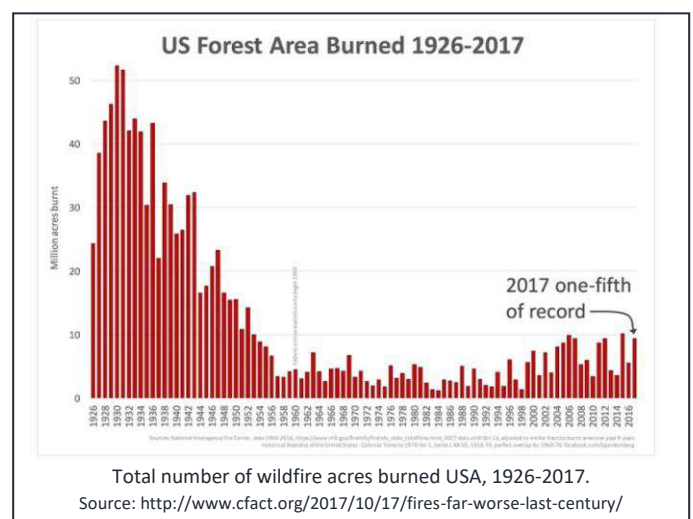
and impacted by insect and disease issues. This larger fuel supply will simply continue to grow unless we are willing to re-engage in reasonable forestry practices such a selective cutting and thinning, which would necessitate the building of new sawmills and wood product plants and would provide thousands of jobs at the same time.

*Cont'd on next page*

### FOREST FIRES: CAUSED BY GLOBAL WARMING? HARDLY!

Fire is a natural component of our wild areas. Historically, the average acreages burned were much higher in the early 1900s, averaging about 25 million acres, maintaining relatively modest levels mid-century of about 4 million acres, and then trending upwards from the 1980s to the present time. Over recent years, the acreage burned by forest fires in the US has fluctuated between 3.5 million and 10 million acres per year. Obviously, climate change had nothing to do with much larger burns early in the 1900s.

In recent years however, we are seeing much greater property destruction and loss of life as development continues to encroach on the wildland-urban interface. Each summer, we go into panic mode, but rather than trying to get to the root of the problem, and reducing the likelihood of large conflagrations in the future, we are expending massive amounts of money trying to contain the fires that occur.





It should be pointed out that this table includes only merchantable timber. The actual fuel load includes a large amount of smaller material that has probably increased even more rapidly.

2. Many point their fingers at the issue of temperature increase due to climate change, and while this does have a very modest, albeit a difficult-to-measure contribution to fire risk [one degree rise over 100+ years], the biggest effect is actually a more hidden one.

### INCREASING LEVELS OF CO2 HAVE BENEFICIAL EFFECTS ON CROPS & FORESTS

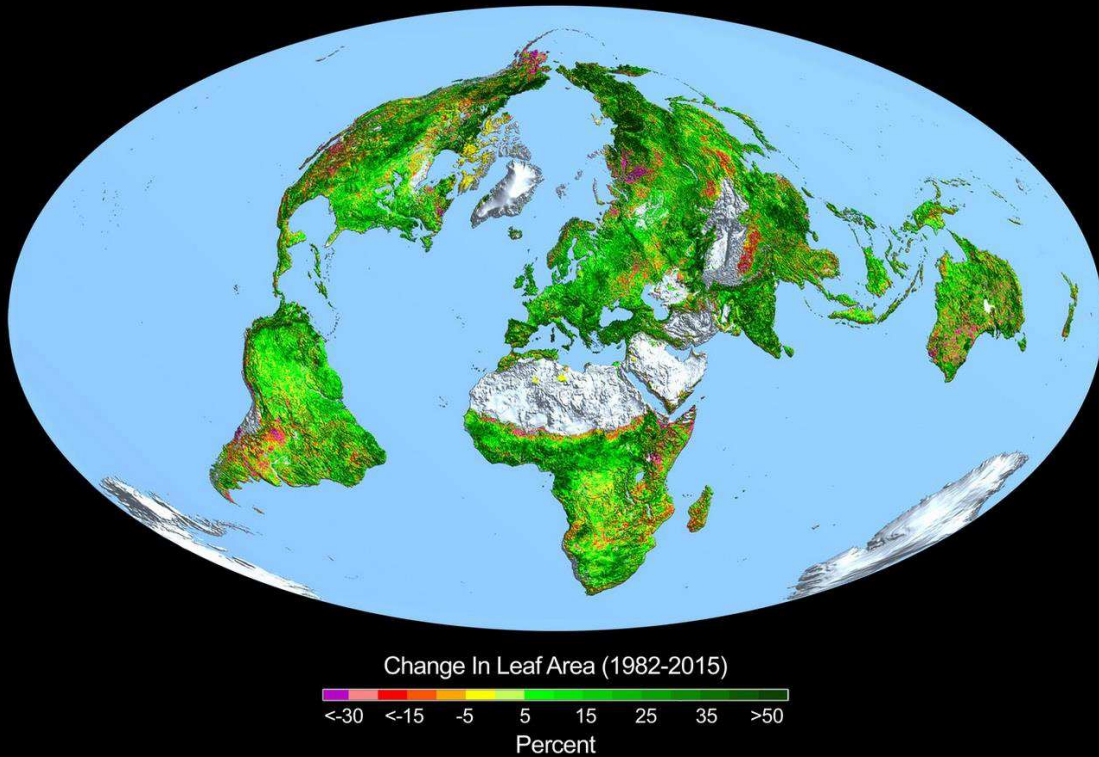
In fact, a major component of the current fire problem is that the increasing levels of CO2 in the atmosphere have two beneficial effects on both crop production and the same vegetation that fuels wild



According to prominent scientists, there is no observable (measurable) evidence that supports Catherine McKenna's constant and panicked insistence that climate change is causing an increase in hurricanes, droughts, floods, wildfires, tornadoes, etc.

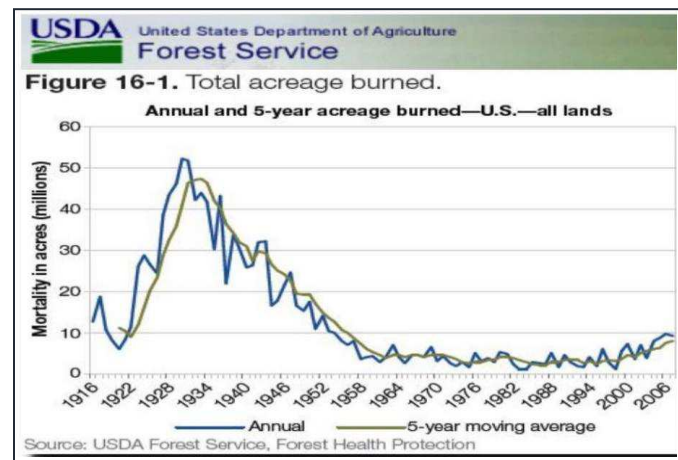
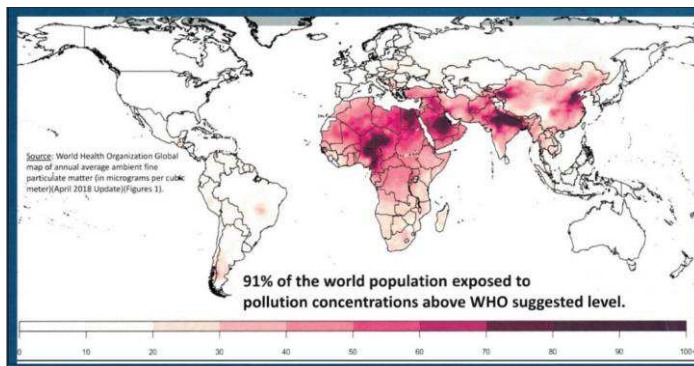
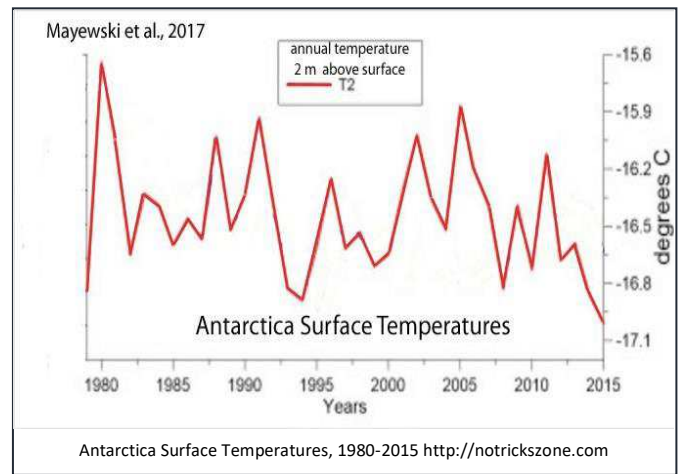
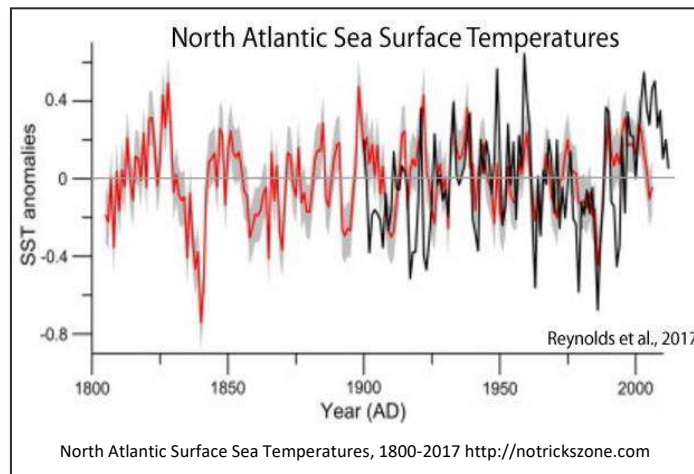
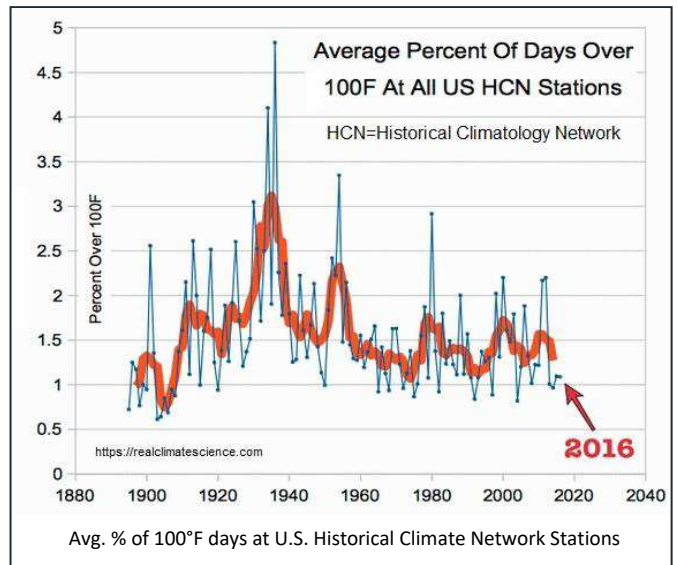
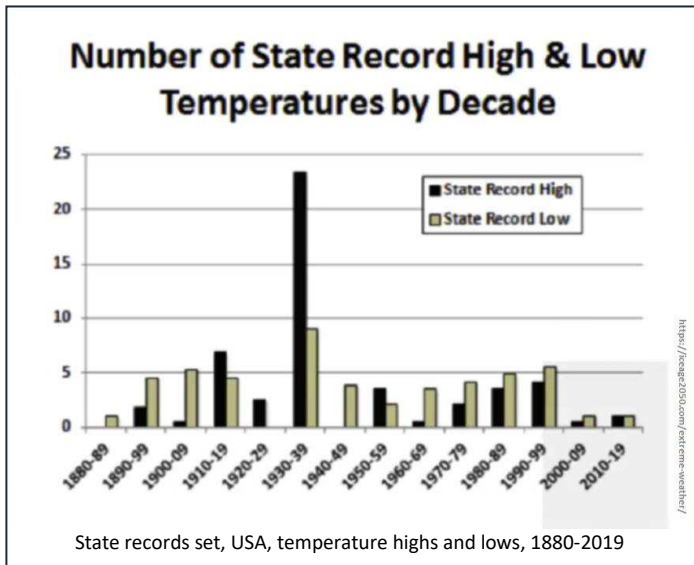
fires, such as trees, grasses, and chaparral. The first beneficial effect is CO2 fertilization. A recent study by NASA shows a significant greening of the planet, which buttresses the laboratory studies on the effects of CO2 fertilization.

The second beneficial effect is that trees and plants become more drought resistant with increases in CO2 levels. This further compounds the issue of increasing fuel loads. The trees and plants become more drought resistant, but not more fire resistant. ♦



NASA image stating that from a quarter to half of Earth's vegetated lands have shown significant greening over the last 35 years due to rising levels of CO2.

HISTORIC DATA



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Canada's Catherine McKenna keeps accusing Canadians of being polluters, insisting that she must put a price on "pollution." But where is the world's pollution actually coming from? (SOURCE: World Health Organization)



## SCIENTISTS SPEAKING ABOUT THE UN's IPCC PROCESS

**ROBERT BALLING**, is a professor of geography at Arizona State University, and the former director of its Office of Climatology. Balling has declared himself as a climate scientist who rejects the idea of consensus on global warming, arguing that anthropogenic global warming "is indeed real, but relatively modest", and maintaining that there is a publication bias in the scientific literature.



**BALLING STATED:** "The IPCC notes that: 'No significant acceleration in the rate of sea level rise during the 20th century has been detected.' This did not appear in the IPCC Summary for Policymakers."

**DR. ROSA COMPAGNUCCI** is a prominent Argentine scientist who disputes the theory that human activity is the singular or primary cause of global warming. She is a scientist and researcher with the National Science and Technology Commission. She is the author of two IPCC reports and is a recognized expert on El Nino. She says that global warming has occurred quite frequently over the past 2,000 years and that it is more likely that solar activity drives climate rather than CO2 emissions.



**COMPAGNUCCI STATED:** "Humans have only contributed a few tenths of a degree to warming on Earth. Solar activity is a key driver of climate."

**DR. CHRIS DE FREITAS**, served at the University of Auckland as head of science and technology. He also served as vice-president of the Meteorological Society of New Zealand and was a founding member of the Australia–New Zealand Climate Forum. He stated: "The climate has warmed about 0.6 °C in the past 100 years, but most of that warming occurred prior to 1940, before industrialisation that led to an increase in carbon dioxide emissions. Warming does not confirm that carbon dioxide is causing it. Climate is always warming or cooling. There are natural variability theories."



**DE FREITAS STATED:** "Government decision-makers should have heard by now that the basis for the claim that carbon dioxide is a major driver of global climate is being questioned; along with it the hitherto assumed need for costly measures to restrict carbon dioxide emissions. If they have not heard, it is because of the din of global warming hysteria that relies on the... predictions of computer models."

**DR. RICHARD TOL** is a professor at the University of Sussex. He is also professor of the economics of climate change at the Vrije Universiteit Amsterdam. Tol is an editor of *Energy Economics*, associate editor of *Environmental and Resource Economics*. Tol specialises in energy and environmental economics and climate change. Tol was a Research Professor and director of the Center for Marine and Atmospheric Sciences and a coordinating lead author for the IPCC Fifth Assessment Report Working Group II.



**DR RICHARD TOL:** "The IPCC attracted more people with political rather than academic motives. In AR4, green activists held key positions in the IPCC and they succeeded in excluding or neutralising opposite voices."

**DR. VINCENT GRAY** held a PhD in physical chemistry from the University of Cambridge. He published many articles and reports, seven in peer-reviewed journals. He commented on every publication of the Intergovernmental Panel on Climate Change, with 1,898 comments on the 2007 Report. He published critical studies on all of the reports including a book *The Greenhouse Delusion: A Critique of 'Climate Change 2001*. He also published *Confessions of a Climate Sceptic* He said:



**GRAY STATED:** "The two main 'scientific' claims of the IPCC are the claim that 'the globe is warming' and 'Increases in carbon dioxide emissions are responsible.' Evidence for both of these claims is fatally flawed... The [IPCC] climate change statement is an orchestrated litany of lies."

**MICHAEL HULME** is Professor of Climate Change in the School of Environmental Sciences at the University of East Anglia — the university of Climategate fame — and founding Director of the Tyndall Centre for Climate Change Research and one of the UK's most prominent climate scientists. Among his many roles in the climate change establishment, Hulme was the IPCC's co-ordinating Lead Author for its chapter on 'Climate scenario development' for its Third Assessment Report and a contributing author of several other chapters.



**HULME STATED:** "Claims such as '2500 of the world's leading scientists have reached a consensus that human activities are having a significant influence on the climate' are disingenuous ... The actual number of scientists who backed that claim was only a few dozen."

**JOHANNES "HANS" OERLEMANS** is a Dutch climatologist specialized in glaciology and sea level. He is a professor of meteorology in the Faculty of Physics and Astronomy at Utrecht University.



**DR JOHANNES OERLEMANS STATED:** "The IPCC has become too political. Many scientists have not been able to resist the siren call of fame, research funding and meetings in exotic places that awaits them if they are willing to compromise scientific principles and integrity in support of the man-made global-warming doctrine."



**DR. STEVEN M. JAPAR** is a UN IPCC Scientist, PhD atmospheric chemist who was part of the IPCC's Second and Third Assessment Reports, and has authored 83 peer-reviewed publications in the areas of climate change, atmospheric chemistry, air pollutions and vehicle emissions.

**DR. JAPAR STATED:** "Temperature measurements show that the [climate model-predicted mid-troposphere] hot zone is non-existent.

"This is more than sufficient to invalidate global climate models and projections made with them!"

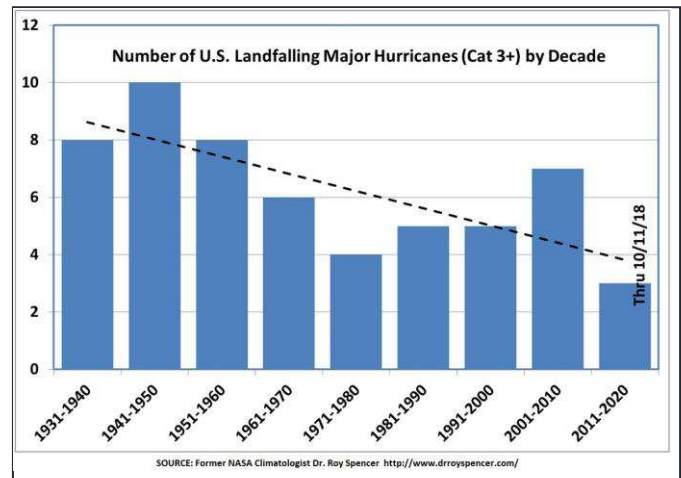
## EXAGGERATING, MISLEADING, SPREADING FEAR OVER NORMAL WEATHER EVENTS

Climate alarmists love to scare the bejeebers out of people by insisting that naturally occurring weather events like hurricanes and wildfires are increasing in intensity. They claim that intensifying events are being caused by humans because they use fossil fuel.

Canadian Liberal Catherine McKenna, a government minister, insists that fires like McMurray in Alberta are caused by global warming, even though she has zero evidence to support her claim. She says a carbon tax will stop the fires.

Climate alarmists all over North America are now saying the same thing about hurricanes, insisting that if it weren't for carbon dioxide and fossil fuel, hurricanes and wildfires would be about as vicious as a pet rabbit. The attached chart of historically severe hurricanes was prepared by well-known climate scientist Judith Curry.

## FLORIDA MAJOR HURRICANES: NO TREND



The usual fearmongers are claiming [the recent] hurricane is somehow tied to climate change. After all, the Gulf of Mexico is unusually warm, right?

Yes, but if you look at the history of Jul-Aug-Sept average sea surface temperature (SST) anomalies over the eastern Gulf, you will see that since 1860, this summer is only the ninth-warmest in the eastern Gulf of Mexico.

Even more astounding is that out of the top ten warmest Gulf years since 1860, seven occurred before 1970, which is before we experienced any significant warming.

So all the “experts” can do is make vague claims about how [recent] major hurricanes are what we can expect more of in a warming world, but—so far at least—the data do not support the theory.

Major hurricanes are part of nature. As evidence of this, I will also remind people of the study of lake bottom sediments in Western Lake in the Florida panhandle, not far from where Michael made landfall, that showed the last 1,000 years have been relatively quiet for Category 4 to 5 hurricanes, but the period from 1,000 to 3,400 years ago was a “hyperactive” period for intense landfalls at that location. ♦

U.S. Landfalling Category 4-5 Hurricanes Ranked by Pressure (1851-2017)					
Rank	Year	Storm Name	Wind (Knots)	Pressure (mb)	SS Category
1	1935	Labor Day	160	892	5
2	1969	Camille	150	900	5
3	1992	Andrew	145	922	5
4	1886	Indianola	130	925	4
5	1919	Florida Keys	130	927	4
6	1928	Lake Okeechobee	125	929	4
T-7	1926	Great Miami	125	930	4
T-7	1960	Donna	125	930	4
9	1961	Carla	125	931	4
10	1916	1916 Texas Hurricane	115	932	4
11	1989	Hugo	120	934	4
12	1932	Freeport	130	935	4
13	1900	Galveston	120	936	4
T-14	1898	Georgia	115	938	4
T-14	1954	Hazel	115	938	4
<b>T-14</b>	<b>2017</b>	<b>Harvey</b>	<b>115</b>	<b>938</b>	<b>4</b>
T-17	1915	Galveston	115	940	4
T-17	1948	1948 Florida Hurricane	115	940	4
19	2004	Charley	130	941	4
20	1947	Fort Lauderdale	115	943	4
21	1893	Chenier Caminanda	115	948	4
22	1945	Homestead	115	949	4
23	1959	Gracie	115	951	4
24	1949	1949 Florida Hurricane	115	954	4
25	1950	King	115	955	4



## MCKENNA'S QUEST FOR POWER



Tom Harris is the Executive Director of the International Climate Science Coalition (ICSC) in Ottawa.

The ICSC is a non-partisan group of independent scientists, economists, energy and policy experts who are working to promote a better understanding of climate science. The group aims to help create an environment in which a more rational, open discussion about climate issues emerges, thereby moving the debate away from costly and ineffectual “climate control.”

ICSC encourages assisting vulnerable peoples to adapt to climate variability and wants to continue scientific research into the causes and impacts of climate change.

In a recent interview Harris said: “When I met with Catherine McKenna, I was astounded by how ignorant she is in the field [of climate science]. She hadn’t even heard of the Non-Governmental Panel on Climate Change, so I gave her a copy [of that report] and her main comment was that it was heavy to carry back to her office.

“I gave her copies of other things. The fact is that she has been sheltered by her bureaucrats from any alternative point of view.

“When I spoke to her, she didn’t even seem to know that carbon dioxide is not pollution. She didn’t know that there are scientists all over the world who say we are almost certainly not causing dangerous climate change, and we should focus on clean air and clean water, but that carbon dioxide has nothing to do with pollution.

“In the atmosphere outside, CO2 is 400 parts per million, and it is not a pollutant. In submarines, CO2 levels go up to 25 times the level in our atmosphere—they go up to 10,000 parts per million.

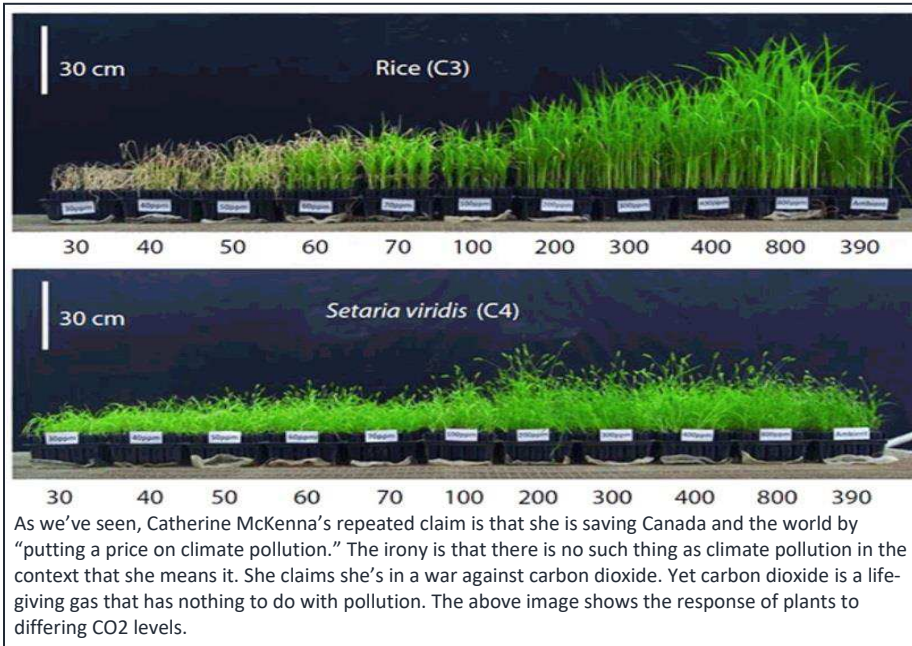
“[What the federal Liberals are doing in terms of climate policy] has nothing to do with clean air and pollution. They’re controlling carbon dioxide. So this is right out of 1984. Do you remember that in the book 1984 they said, “War is peace?” Well, Catherine McKenna says that carbon dioxide is pollution.

“[In fact], carbon dioxide is plant food. It’s the opposite [of what she says it is]. McKenna is totally closed-minded. She knows nothing about the field, and yet mocks [those she calls deniers].

It’s pretty sad! ♦



ICSC DIRECTOR HARRIS (L): “McKenna is totally closed-minded. She knows nothing about the field of climate change, yet purports to be a world leader and mocks [those she calls deniers]. When I spoke to her, she didn’t even seem to know that carbon dioxide is not pollution. It’s pretty sad!”



As we've seen, Catherine McKenna's repeated claim is that she is saving Canada and the world by "putting a price on climate pollution." The irony is that there is no such thing as climate pollution in the context that she means it. She claims she's in a war against carbon dioxide. Yet carbon dioxide is a life-giving gas that has nothing to do with pollution. The above image shows the response of plants to differing CO2 levels.

Giaever said that the one thing you should never do is confuse carbon dioxide with pollution. "Carbon dioxide is not pollution," he said.

Catherine McKenna says it is.

The World Health Organization's (WHO) database collects annual mean statistics about concentrations of fine particulate matter. This is the pollution that poses "the greatest risks to human health." The WHO says these are sulfates, nitrates, and black carbon. Carbon dioxide is not carbon, nor is it pollution, no matter how many times or how passionately McKenna

## CARBON DIOXIDE IS NOT POLLUTION

As we have already seen, Catherine McKenna's favourite and constantly repeated claim is that she is saving Canada and the world by "putting a price on climate pollution."

The irony is that there is no such thing as climate pollution in the context she speaks. She claims to be in an all-out war against carbon dioxide. Yet carbon dioxide is a life-giving gas that has absolutely nothing to do with pollution.

McKenna claims: "Canadians know that pollution isn't free. We see the costs [of it she claims] in storms, floods, and wildfires —that's why we've announced we're putting a price on pollution. It's good for the environment..."

Unlike real pollutants, carbon dioxide is odorless, colorless, and most importantly, non-toxic. Human beings expel carbon dioxide with every breath (without polluting their homes, offices, or cars), and they breathe it in with every lungful—to no ill effect.

Carbon dioxide is no more a pollutant than oxygen is a pollutant. This is the reason Nobel Prize scientist Ivar

says the words "carbon pollution."

In 2018, WHO published a comprehensive report documenting the health risks caused by air pollution. According to the report, about "7 million people die each year from exposure to fine particles in polluted air. These particles penetrate lungs and cardiovascular systems, causing diseases..." The report makes no mention of climate change and speaks of the health effects of polluted air, not carbon dioxide. Each of the fatal pathologies referenced in the WHO report are caused by "exposure to fine particles in polluted air" and not by global warming or carbon dioxide.

Interestingly, not only is carbon dioxide not a pollutant, even in concentrations nearly 20 times the earth's atmosphere, human health is not affected. In submarines navy crews operate in conditions of up to 7,000 ppm of CO2 or higher without ill effects. ♦

*There is no observable evidence to support Catherine McKenna's constant and panicked insistence that climate change is causing an increase in hurricanes, floods, wildfires, tornadoes, or heat-related deaths.*



## INTERNATIONAL FREE PRESS: CANADA'S MCKENNA MAKES CRAZY CLIMATE CLAIM

[\$30 trillion is] nearly 20 times bigger than Canada's GDP. As the Liberals 'national climate plan' collapses, it seems Catherine McKenna is retreating into the realm of fantasy. (See image lower right.)

On Twitter, McKenna made the absurd claim that 'climate action' (AKA screwing over taxpayers with massive carbon taxes) is a "\$30 TRILLION opportunity."

McKenna tweeted: "Would also be good if the federal Conservatives had a plan to tackle climate change. But... they fail to understand the real costs of climate change—from extreme heat to fires to flooding—and the \$30 trillion opportunity of climate action.

McKenna's tweet is laughably bad, for a few reasons: First, the Liberals actually kept the same climate targets put in place by the Conservatives, so it's odd to say the Conservatives had no plan.

Second, Canadians hate the Liberal plan, with support for the carbon tax collapsing. And third, the idea of a "\$30 TRILLION opportunity" is absurd.

Either McKenna is referring to some vague idea of long-term global investment (so not benefiting Canada), or she's claiming that it's a \$30 trillion opportunity for Canada – which is simply impossible. That's almost 20 times bigger than our entire economy, and it ignores the fact that Liberal 'climate action' is reducing economic growth.

It seems that McKenna is now retreating into a fantasy world, rather than acknowledging that Canadians have rejected her failed 'climate policies.' We can recognize a blatant tax-grab when we see it, and millions of Canadians aren't willing to put up with it any longer.



CANADA'S CATHERINE MCKENNA SAYS THE ECONOMIC WINDFALL FROM HER CARBON TAX AND CONSEQUENTIAL GOVERNMENT SPENDING FROM SUCH TAXES presents an economic opportunity for \$30 trillion in new wealth! This is an amount that is about one-third larger than the American and Canadian economies combined.

## CATHERINE MCKENNA CLAIMS ECONOMIC OPPORTUNITY OF CLIMATE CHANGE IS \$30 TRILLION IN NEW WEALTH

In the House of Commons, Climate Minister Catherine McKenna recently claimed that global warming presents an economic opportunity for \$30 trillion in new wealth! Where does she get these numbers??

The total size of the American and Canadian economy combined is about \$22 trillion, which means McKenna wants Canadians to believe that by charging carbon taxes and subsidizing wind turbines, an amount of new wealth a full one third larger than the combined American and Canadian economy will suddenly emerge. ♦



## THE UNDENIABLE BENEFITS OF CARBON DIOXIDE by Freeman Dyson

Freeman Dyson is one of the world's most eminent scientists. Dyson, a theoretical physicist and professor emeritus of Mathematical Physics and Astrophysics at the Institute for Advanced Study in Princeton, is famous among other things for unifying the three versions of quantum electrodynamics. He has been a harsh critic of the slovenly science practiced by climate alarmists.

Dyson wrote a foreword to a report on the benefits of carbon dioxide by Indur Goklany which is quoted at length in the Science and Environmental Policy Project's "The Week That Was."

Here are some excerpts of statements spoken by Dyson about carbon dioxide:

To any unprejudiced person reading [Goklany's] account, the facts should be obvious: that the non-climatic effects of carbon dioxide as a sustainer of wildlife and crop plants are enormously beneficial, that the possibly harmful climatic effects of carbon dioxide have been greatly exaggerated, and that the benefits clearly outweigh the possible damage.

I consider myself an unprejudiced person and to me these facts are obvious.

But the same facts are not obvious to the majority of scientists and politicians who consider carbon dioxide to be evil and dangerous. The people who are supposed to be experts and who claim to understand the science are precisely the people who are blind to the evidence.

Those of my scientific colleagues who believe the prevailing dogma about carbon dioxide will not find Goklany's evidence convincing. I hope that a few of them will make the effort to examine the evidence in detail and see how it contradicts the prevailing dogma, but I know that the majority will remain blind. That is to me the central mystery of climate science. It is not a scientific mystery but a human mystery. How



FREEMAN DYSON IS A SCIENTIST OF ENORMOUS STATURE. For more than four decades, Dyson taught theoretical physics at Princeton's Institute for Advanced Study—described by the New York Times as "the most rarefied community of scholars" in the U.S. The Times says Dyson is "a scientist whose intelligence is revered by other scientists." One colleague describes him as "infinitely smart." Another says: "You point Freeman at a problem and he'll solve it. He's extraordinarily powerful."

Dyson is also a longstanding member of JASON— "a small government-financed group of the country's finest scientists" that evaluates matters of an often-classified nature. At JASON meetings, in which everyone present is considered brilliant, reports the Times, someone will idly pose a math question and Dyson will quickly provide an answer, pointing out that "the smallest such number is 18 digits long." In the words of one of Dyson's colleagues, "When this happened one day at lunch, the table fell silent; nobody had the slightest idea how Freeman could have known such a fact or could have derived it in about two seconds." Dyson, who has written several books and received numerous awards (including 21 honorary degrees), is a big-picture thinker. The Times says he's known for his "penetrating ability to grasp the method and significance of what many kinds of scientists do."





There are many examples in the history of science of irrational beliefs promoted by famous thinkers and adopted by loyal disciples. Sometimes, as in the use of bleeding as a treatment for various diseases, irrational belief did harm to a large number of human victims. George Washington was one of the victims. —Freeman Dyson

does it happen that a whole generation of scientific experts is blind to obvious facts? In this foreword I offer a tentative solution of the mystery.

There are many examples in the history of science of irrational beliefs promoted by famous thinkers and adopted by loyal disciples. Sometimes, as in the use of bleeding as a treatment for various diseases, irrational belief did harm to a large number of human victims. George Washington was one of the victims.

Other irrational beliefs, such as the phlogiston theory of burning or the Aristotelian cosmology of circular celestial motions, only did harm by delaying the careful examination of nature. In all these cases, we see a community of people happily united in a false belief that brought leaders and followers together. Anyone who questioned the prevailing belief would upset the peace of the community.

Real advances in science require a different cultural tradition, with individuals who invent new tools to explore nature and are not afraid to question authority. Science driven by rebels and heretics searching for truth has made great progress in the last three centuries. But the new culture of scientific scepticism is a recent growth and has not yet

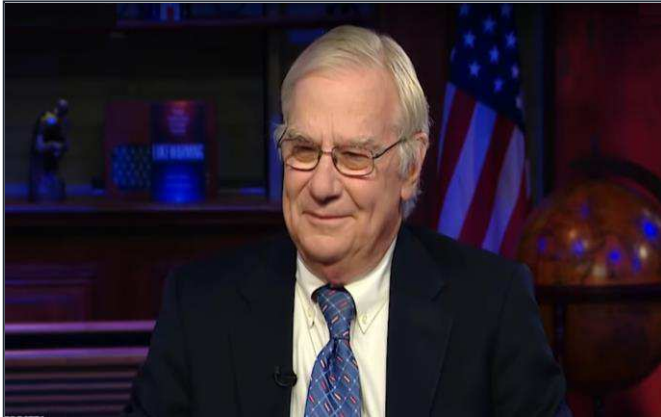
penetrated deeply into our thinking. The old culture of group loyalty and dogmatic belief is still alive under the surface, guiding the thoughts of scientists as well as the opinions of ordinary citizens.

To understand human behavior, I look at human evolution. About a hundred thousand years ago, our species invented a new kind of evolution. In addition to biological evolution based on genetic changes, we began a cultural evolution based on social and intellectual changes. Biological evolution did not stop, but cultural evolution was much faster and quickly became dominant. Social customs and beliefs change and spread much more rapidly than genes.

Cultural evolution was enabled by spoken languages and tribal loyalties. Tribe competed with tribe and culture with culture. The cultures that prevailed were those that promoted tribal cohesion. Humans were always social animals, and culture made us even more social. We evolved to feel at home in a group that thinks alike. It was more important for a group of humans to be united than to be right. It was always dangerous and usually undesirable to question authority. When authority was seriously threatened, heretics were burned at the stake.

I am suggesting that the thinking of politicians and scientists about controversial issues today is still tribal. Science and politics are not essentially different from other aspects of human culture. Thinking about scientific questions is still presented to the public as a competitive sport with winners and losers. For players of the sport with public reputations to defend, it is more important to belong to a winning team than to examine the evidence. ♦





Patrick Michaels holds a PhD in ecological climatology and is past president of the American Association of State Climatologists.

### A SCIENTIFIC HEAVYWEIGHT ON WHY THE UN'S CLIMATE MODELS CANNOT BE TRUSTED

*Dr. Patrick Michaels is the director of the Centre for the Study of Science at the Cato Institute. He holds AB and SM degrees in biology, sciences, and plant ecology (Artium Baccalaureus and Masters of Science) from the University of Chicago, and a PhD in ecological climatology. He is past president of the American Association of State Climatologists, Program Chairman for the Committee on Applied Climatology at the American Meteorological Society, Research Professor of Environmental Sciences at the University of Virginia for thirty years. He is a contributing author and reviewer of the United Nations Intergovernmental Panel on Climate Change.*

The surface temperature of the planet is warmer than it was 100 years ago—about nine-tenths of a degree Celsius. That's not a lot. There are two periods of warming: one in the early twentieth century that could not have been caused by human beings because at that time we hadn't put enough CO2 in the air; and one in the later part of the twentieth century that either slows down or

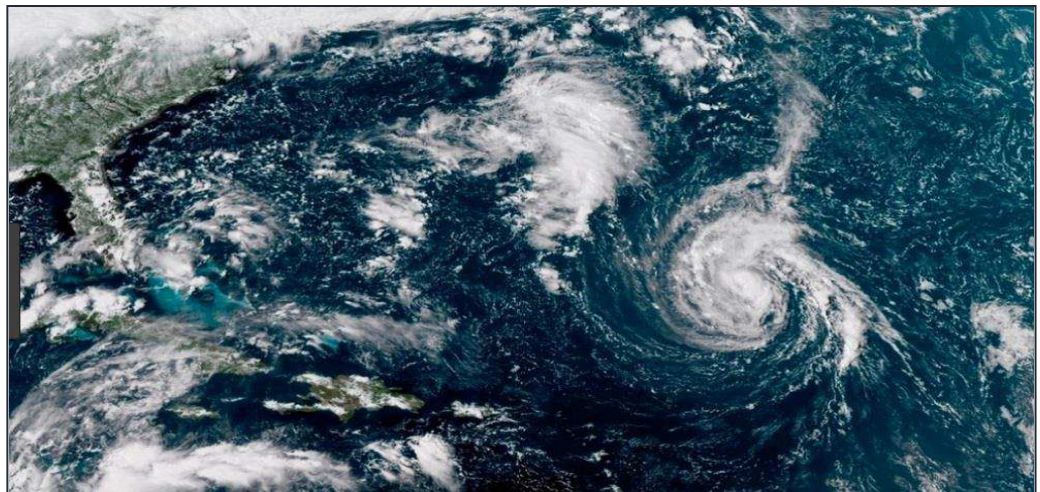
ends (depending upon whose data you use) somewhere in the late 1990s, only to resume with the big El Niño that covered the news for a couple of years. So that means that probably about half—or maybe half—of that nine-tenths of a degree might be caused by greenhouse gases.

### WHO SPONSORS THESE COMPUTER MODELS?

Governments! There are 32 families of computer models that are used by the United Nations, each government sponsored, and all of them predict far too much warming. The disparity between what's been predicted to happen and what is happening continues to grow [see graph below].

We know this for a fact. You can look at the weather balloon temperatures, you can look at the satellite temperatures, you can look at something called the re-analysis data—they all behave in consort. They're all showing the same thing, and the same thing is a lot different than [what is actually occurring]. However, we need to call the Special Counsel—because one computer model works, and do you know what it is? It's the Russian model!

*Cont'd on next page*



Patrick Michaels: Why does our government say that there has been a significant increase in hurricane power in the Atlantic, from mid-1970s to 2009? Ask yourself: Why did its report stop in 2009? The answer is because if you take the data after 2009, the increase goes away and it goes back to where it was. Or why did the report start in the mid-1970s? We have records that are really good back to the 1920s. If you look at 1902 to 1950, you see an increase that is exactly the same as the one that occurred [between the mid-70s and 2009]. So the information they are providing is skewed. They're cherry picking. (Climate scientist Roy Spencer added: There is still no trend in either intensity or frequency of strikes over the last 118 years.)



## ONLY THE RUSSIAN CLIMATE MODEL COMES CLOSE TO REALITY –Patrick Michaels

The Russian Model has the least warming in it—and the Russian model pretty much follows reality. If we were rational about this—think about the daily forecast. You know, you watch the Weather Channel and it will say this model says this, and that model says that, yet we think this one's working the best so we're going to rely on that. Well, for climate forecasts, we should be using the Russian model. But we're not! We instead use this big spate of all the other models that have this warming in them that is not occurring.

The reason the UN climate models all go up is because they are what's called parameterized. Can I translate parameterized into English: It means "fudged!" They don't get the right answer. They don't know the right answer—for certain phenomenon. So we essentially put in code steps that give us what we think it should be.

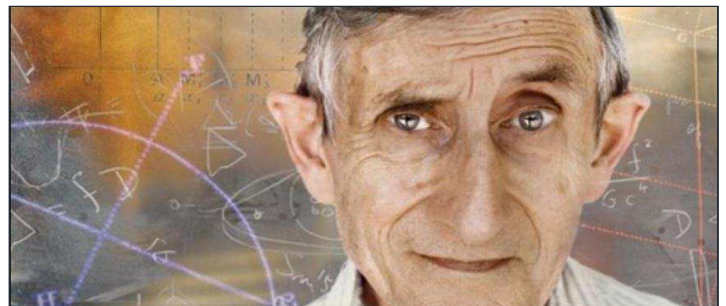
The systematic error that was made is that the models were "tuned"—tuned to simulate the warming of the early 20th century, which began in 1910 and ended in 1945, and caused about .45 degrees Celsius warming that could not have been caused by human-induced carbon dioxide. *That could not have been caused by human-induced carbon dioxide.* The background carbon dioxide concentration was 280 ppm. When the first warming started it was 298 ppm.

Carbon dioxide could not have produced the early twentieth-century warming. I don't think anybody really knows what kicked off that warming. There are lots of theories. One is that it was a final escape from a multi-century-period known as the Little Ice Age. That's a plausibility that leads to the question: Why did it happen then? But we just don't really have a good explanation for that. But because we forced the

computer models to say, "Ah-ha!—human influence, CO2!," we made the models too sensitive. So that's why when you get to the late twentieth century things are warming up like crazy and the reality is [quite different] down here. It was guaranteed to happen!

Weather is not getting worse—yes, there is more damage from weather, because there is more "stuff" and people and property that get in the way of weather. So what you really want to look at are weather damages as a percent of GDP. And when you look at it in that way, there is nothing whatsoever. I heard on every legacy network during Hurricane Florence and Harvey [that hurricanes are getting worse].

Why does our government say... that there has been a significant increase in hurricane power in the Atlantic, from mid-1970s to 2009? Ask yourself: Why did the report stop in 2009? The answer is because if you take the data after 2009, the increase goes away and it goes back to where it was. Or why did the report start in the mid-1970s? We have records that are really good back in the 1920s. If you look at 1902 to 1950, you see an increase that is exactly the same as the one that occurred [between the mid-70s and 2009]. So the information they are providing is skewed. They're cherry picking. ♦



Freeman Dyson, one of the world's most respected scientists, agrees with Michaels, stating: "The computer models are full of fudge factors. A major fudge factor concerns the role of clouds. The greenhouse effect of carbon dioxide on its own is limited. To get to the apocalyptic projections trumpeted by Al Gore and company, the models have to include assumptions."





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