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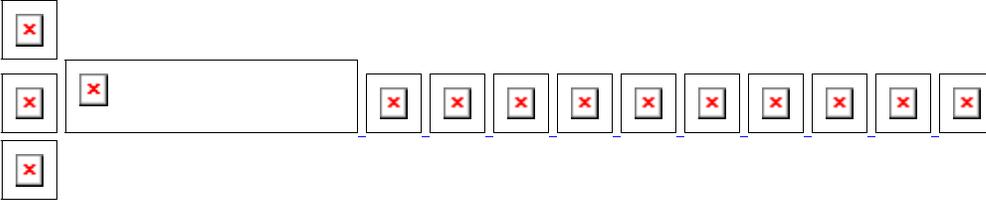
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**SEPT 2006**

**FOS MEMBERSHIP QUARTERLY NEWSLETTER No. 11**

*“FOS is dedicated to providing the public with insight into Climate Change”*

### ***PRESIDENT’S MESSAGE***

**As predicted in our last newsletter, the global warming debate has heated up. There have been important scientific papers, which are at variance with IPCC projections and are pointing to solar influences and related forces as being the major causes of global warming. There was the welcome news that there will be fewer hurricanes than predicted, despite the alleged link between global warming and hurricanes.**

**There has also been a great deal of Friends of Science activity, and news surrounding the politics of climate science. As we foresaw, as scientific arguments for man-made global warming are being challenged, the front of the activists attack has changed from scientific argument to personal attack. The best evidence is on some online blogs, where non-edited amateur journalists write their thoughts.**

**Lately, some of these, which appear to have been associated with the Suzuki Foundation, have been trying to discredit the work of scientists opposed to theories of man-made global warming, by creating a supposed link to oil and gas firms. These attacks culminated in a piece in the Focus section of the Globe and Mail in August, which attacked FoS and Dr. Tim Ball. The Liberal Party of Canada later repeated the attacks in a press release.**

**We are grateful to Terence Corcoran and to Albert Jacobs for rebuttals, published in the National Post, to issues raised in the Globe and Mail article. The Globe has refused to print any dissenting letters sent to it. Ironically, the effect of these attacks is to draw more and more people to our website, creating more awareness of the fact that there are serious flaws in the science of man-made global warming. They have thus given us a larger platform for educating the public concerning the facts of climate change.**

**Friends of Science will continue to take the high road. We refuse to descend to the level of name-calling, or**

personal attacks. Recently, the board and supporters of Friends of Science spent a Sunday afternoon discussing next steps for our organization. Despite accusations that we are awash in oil and gas money, we are getting very low on funds, and need to choose our projects carefully. While we would like to engage in another advertising campaign, we cannot at this time. So, while we will strive to grow our available funds, (and need your help to do so), we are focusing on a major conference to kick start the debate on climate science in Canada, and on being a resource to media and decision makers. We will remain true to our mission statement - to be a source of education to the public on the science of climate change.

*Douglas Leahey, PhD*

*President,*

*Friends of Science Society*

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## **SCIENCE NEWS**

### **REPORT ON NEW CLIMATE SCIENCE ARTICLES**

As usual, we are contributing an update on climate science articles to the FOS News Letter. Because of the recent articles in the media and the Al Gore movie “An Inconvenient Truth” most of the recent articles are more about calamity and politics than science. A very good quote for the definition of scientific validity is “Even if there is only one observation unexplainable by the hypothesis, the hypothesis is wrong and must be modified or abandoned” and most of these articles violate this definition.

In July of this year the “Wegman Report” on the “hockey stick graph” (Mann Bradley Hughes) was released, representing the most serious blow to the Anthropogenic (man-made) Global Warming, ‘AGW’ promoters. The Report was commissioned by a Committee of the US House of Representatives, and can be viewed at

[http://energycommerce.house.gov/108/home/07142006\\_wegman\\_report.pdf](http://energycommerce.house.gov/108/home/07142006_wegman_report.pdf) (1.41mb)

Others have shown and even proven that this temperature reconstruction was not valid, but the Wegman Report showed how the peer review process that allowed the Mann Bradley Hughes paper into the scientific literature base was flawed. Mann et al was the only actual peer-reviewed paper clearly linking CO2 and global warming, although a “link” does not prove a specific cause-and-effect relationship. All previous work could only suggest the link because there was no physical proof to make it fact. All subsequent work supporting AGW could now use this established link, and a new wave of “peer reviewed” papers using the “hockey stick” reference as a factual basis for their argument flooded the scientific journals and consequently the media. This large volume of “scientific research” is now corrupted by the unfortunate circumstance that one of the “building blocks” of its scientific foundation has been identified as flawed, and without this body of reference material AGW is back to not having the support of a single peer reviewed paper.

High profile media shows - such as the “An Inconvenient Truth” movie, which consolidates all of the AGW claims - have spawned consolidation of rebuttal scientific arguments that can point by point dispute these claims. Go to [www.cei.org/pdf/5478.pdf](http://www.cei.org/pdf/5478.pdf) for a draft of a large work (4.8mb) that has consolidated just about everything that we know into a well referenced point by point rebuttal of every false statement (just about all of the statements) in “An Inconvenient Truth”.

Articles constantly appear depicting the shrinking ice sheets of Greenland, but for the most part they do not represent the full picture. The CO2 Science website has a compendium of Greenland Ice measurements at: [www.co2science.org/scripts/CO2ScienceB2C/subject/i/summaries/icesheetgreen.jsp](http://www.co2science.org/scripts/CO2ScienceB2C/subject/i/summaries/icesheetgreen.jsp) that gives a much broader perspective to the issue.

Computer models and simulations have been used to prove the validity of AGW, but there is no mention of the

severe limitations of this process. A score card listing the success of models can be found at: <http://www.warwickhughes.com/hoyt/scorecard.htm> I think that these last three items give a good perspective of where the science stands at this point in time.

*Norm Kalmanovitch*

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## **OTHER NEWS**

### **CLIMATE OF FEAR: FROM NUCLEAR WINTER TO GLOBAL WARMING**

August 24th, 2006 American Thinker

Before there was Global Warming Theory to scare the public into rash action, there was Nuclear Winter Theory. The two theories are contradictory, but both were peddled by the political left, and both used some similar rhetorical and political tactics. *Read more...*

[http://www.americanthinker.com/articles.php?article\\_id=5790](http://www.americanthinker.com/articles.php?article_id=5790)

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### **STUDY: LINK BETWEEN GLOBAL WARMING, HURRICANES IFFY**

#### **STORM EXPERT: OLDER TECHNOLOGY INACCURATE**

By Martin Merzer

McClatchy Newspapers in 1/83/8

Miami studies that link global warming to an increase in hurricane ferocity might be full of hot air, according to a research paper that will be published today in a major scientific journal. *Read more...*

<http://www.myrtlebeachonline.com/mld/myrtlebeachonline/news/nation/15142157.htm>

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### **YOU KNOW YOU'VE MADE IT, WHEN YOU MERIT A LIBERAL PARTY PRESS RELEASE!**

#### **PETROLEUM MONEY DRIVES CONSERVATIVE CLIMATE CHANGE SKEPTICISM**

*August 15, 2006*

Prime Minister Stephen Harper must come clean about who is driving his anti-Kyoto agenda, say two Liberal MPs. Hon. John Godfrey, Liberal Environment Critic, and Mark Holland, MP for Ajax-Pickering, charge that Harper's policies are being driven by climate change skeptics closely aligned with the Conservative Party and funded by petroleum companies...

"The ties between the Conservatives, fraudulent science, and the petroleum industry appear to be quite an incestuous network," says Holland. "Not since big tobacco twisted medical science to find cigarettes harmless has there been such an extensive campaign of misinformation to deceive the public on one of the most important issues of our time."

Calgary-based Friends of Science is an organization of Canadian and international climate change sceptics.

**“Financial links between the petroleum industry and climate change skeptic groups in the United States are well documented,” says Godfrey. “We need more transparency about who is behind this campaign in Canada.”**

*Read more at [http://www.liberal.ca/news\\_e.aspx?type=pressrelease&id=11827](http://www.liberal.ca/news_e.aspx?type=pressrelease&id=11827)*

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## **DO YOUR PART TO PROMOTE SENSIBLE PUBLIC POLICY**

### **Get involved with Friends of Science**

**1) Volunteer.** We need people who can help us carry out the day-to-day tasks that a volunteer organization requires to get jobs done. To offer a few hours of time, call Douglas Leahey at 243-6969.

**2) Help us grow.** Pass our website address to friends, family and people at work, then encourage them to get involved in Friends of Science by taking out a membership. Talk your business colleagues about the possibility of corporate donations to Friends of Science. A membership and donation form can be downloaded at [www.friendsofscience.org](http://www.friendsofscience.org)

**3) Make a donation.** Your membership is critical to us and we are grateful for it. However, we intend to do more than disseminate information internally. We want to get the word out aggressively – and that costs money. Please consider donating to the following address:

**Friends of Science**

**PO Box 23167, Connaught PO**

**Calgary, AB T2S 3B1**

**Thank you for your support of Friends of Science. Global warming myths are just one example of politicians and media ignoring common sense and expert opinion in the quest to drive an agenda. It's time to take the agenda back.**

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## **61 prominent international scientists call for an open climate science review of Kyoto:**

### **An open letter to Prime Minister Stephen Harper:**

**Dear Prime Minister:**

**As accredited experts in climate and related scientific disciplines, we are writing to propose that balanced, comprehensive public-consultation sessions be held so as to examine the scientific foundation of the federal government's climate-change plans. This would be entirely consistent with your recent commitment to conduct a review of the Kyoto Protocol. Although many of us made the same suggestion to then-prime ministers Martin and Chretien, neither responded, and, to date, no formal, independent climate-science review has been conducted in Canada. Much of the billions of dollars earmarked for implementation of the protocol in Canada will be squandered without a proper assessment of recent developments in climate science.**

**Observational evidence does not support today's computer climate models, so there is little reason to trust model predictions of the future. Yet this is precisely what the United Nations did in creating and promoting Kyoto and still does in the alarmist forecasts on which Canada's climate policies are based. Even if the climate models were realistic, the environmental impact of Canada delaying implementation of Kyoto or other**

greenhouse-gas reduction schemes, pending completion of consultations, would be insignificant. Directing your government to convene balanced, open hearings as soon as possible would be a most prudent and responsible course of action.

While the confident pronouncements of scientifically unqualified environmental groups may provide for sensational headlines, they are no basis for mature policy formulation. The study of global climate change is, as you have said, an "emerging science," one that is perhaps the most complex ever tackled. It may be many years yet before we properly understand the Earth's climate system. Nevertheless, significant advances have been made since the protocol was created, many of which are taking us away from a concern about increasing greenhouse gases. If, back in the mid-1990s, we knew what we know today about climate, Kyoto would almost certainly not exist, because we would have concluded it was not necessary.

We appreciate the difficulty any government has formulating sensible science-based policy when the loudest voices always seem to be pushing in the opposite direction. However, by convening open, unbiased consultations, Canadians will be permitted to hear from experts on both sides of the debate in the climate-science community. When the public comes to understand that there is no "consensus" among climate scientists about the relative importance of the various causes of global climate change, the government will be in a far better position to develop plans that reflect reality and so benefit both the environment and the economy.

"Climate change is real" is a meaningless phrase used repeatedly by activists to convince the public that a climate catastrophe is looming and humanity is the cause. Neither of these fears is justified. Global climate changes all the time due to natural causes and the human impact still remains impossible to distinguish from this natural "noise." The new Canadian government's commitment to reducing air, land and water pollution is commendable, but allocating funds to "stopping climate change" would be irrational. We need to continue intensive research into the real causes of climate change and help our most vulnerable citizens adapt to whatever nature throws at us next.

We believe the Canadian public and government decision-makers need and deserve to hear the whole story concerning this very complex issue. It was only 30 years ago that many of today's global-warming alarmists were telling us that the world was in the midst of a global-cooling catastrophe. But the science continued to evolve, and still does, even though so many choose to ignore it when it does not fit with predetermined political agendas.

We hope that you will examine our proposal carefully and we stand willing and able to furnish you with more information on this crucially important topic.

CC: The Honourable Rona Ambrose, Minister of the Environment, and the Honourable Gary Lunn, Minister of Natural Resources

Sincerely,

Dr. Ian D. Clark, professor, isotope hydrogeology and paleoclimatology, Dept. of Earth Sciences, University of Ottawa

Dr. Tad Murty, former senior research scientist, Dept. of Fisheries and Oceans, former director of Australia's National Tidal Facility and professor of earth sciences, Flinders University, Adelaide; currently adjunct professor, Departments of Civil Engineering and Earth Sciences, University of Ottawa

Dr. R. Timothy Patterson, professor, Dept. of Earth Sciences (paleoclimatology), Carleton University, Ottawa

Dr. Fred Michel, director, Institute of Environmental Science and associate professor, Dept. of Earth Sciences, Carleton University, Ottawa

Dr. Madhav Khandekar, former research scientist, Environment Canada. Member of editorial board of

## **Climate Research and Natural Hazards**

**Dr. Paul Copper, FRSC, professor emeritus, Dept. of Earth Sciences, Laurentian University, Sudbury, Ont.**

**Dr. Ross McKittrick, associate professor, Dept. of Economics, University of Guelph, Ont.**

**Dr. Tim Ball, former professor of climatology, University of Winnipeg; environmental consultant**

**Dr. Andreas Prokocon, adjunct professor of earth sciences, University of Ottawa; consultant in statistics and geology**

**Mr. David Nowell, M.Sc. (Meteorology), fellow of the Royal Meteorological Society, Canadian member and past chairman of the NATO Meteorological Group, Ottawa**

**Dr. Christopher Essex, professor of applied mathematics and associate director of the Program in Theoretical Physics, University of Western Ontario, London, Ont.**

**Dr. Gordon E. Swaters, professor of applied mathematics, Dept. of Mathematical Sciences, and member, Geophysical Fluid Dynamics Research Group, University of Alberta**

**Dr. L. Graham Smith, associate professor, Dept. of Geography, University of Western Ontario, London, Ont.**

**Dr. G. Cornelis van Kooten, professor and Canada Research Chair in environmental studies and climate change, Dept. of Economics, University of Victoria**

**Dr. Petr Chylek, adjunct professor, Dept. of Physics and Atmospheric Science, Dalhousie University, Halifax**

**Dr./Cdr. M. R. Morgan, FRMS, climate consultant, former meteorology advisor to the World Meteorological Organization. Previously research scientist in climatology at University of Exeter, U.K.**

**Dr. Keith D. Hage, climate consultant and professor emeritus of Meteorology, University of Alberta**

**Dr. David E. Wojcik, P.Eng., energy consultant, Star Tannery, Va., and Sioux Lookout, Ont.**

**Rob Scagel, M.Sc., forest microclimate specialist, principal consultant, Pacific Phytometric Consultants, Surrey, B.C.**

**Dr. Douglas Leahey, meteorologist and air-quality consultant, Calgary**

**Paavo Siitam, M.Sc., agronomist, chemist, Cobourg, Ont.**

**Dr. Chris de Freitas, climate scientist, associate professor, The University of Auckland, N.Z.**

**Dr. Richard S. Lindzen, Alfred P. Sloan professor of meteorology, Dept. of Earth, Atmospheric and Planetary Sciences, Massachusetts Institute of Technology**

**Dr. Freeman J. Dyson, emeritus professor of physics, Institute for Advanced Studies, Princeton, N.J.**

**Mr. George Taylor, Dept. of Meteorology, Oregon State University; Oregon State climatologist; past president, American Association of State Climatologists**

**Dr. Ian Plimer, professor of geology, School of Earth and Environmental Sciences, University of Adelaide; emeritus professor of earth sciences, University of Melbourne, Australia**

**Dr. R.M. Carter, professor, Marine Geophysical Laboratory, James Cook University, Townsville, Australia**

**Mr. William Kininmonth, Australasian Climate Research, former Head National Climate Centre, Australian Bureau of Meteorology; former Australian delegate to World Meteorological Organization Commission for Climatology, Scientific and Technical Review**

**Dr. Hendrik Tennekes, former director of research, Royal Netherlands Meteorological Institute**

**Dr. Gerrit J. van der Lingen, geologist/paleoclimatologist, Climate Change Consultant, Geoscience Research and Investigations, New Zealand**

**Dr. Patrick J. Michaels, professor of environmental sciences, University of Virginia**

**Dr. Nils-Axel Morner, emeritus professor of paleogeophysics & geodynamics, Stockholm University, Stockholm, Sweden**

**Dr. Gary D. Sharp, Center for Climate/Ocean Resources Study, Salinas, Calif.**

**Dr. Roy W. Spencer, principal research scientist, Earth System Science Center, The University of Alabama, Huntsville**

**Dr. Al Pekarek, associate professor of geology, Earth and Atmospheric Sciences Dept., St. Cloud State University, St. Cloud, Minn.**

**Dr. Marcel Leroux, professor emeritus of climatology, University of Lyon, France; former director of Laboratory of Climatology, Risks and Environment, CNRS**

**Dr. Paul Reiter, professor, Institut Pasteur, Unit of Insects and Infectious Diseases, Paris, France. Expert reviewer, IPCC Working group II, chapter 8 (human health)**

**Dr. Zbigniew Jaworowski, physicist and chairman, Scientific Council of Central Laboratory for Radiological Protection, Warsaw, Poland**

**Dr. Sonja Boehmer-Christiansen, reader, Dept. of Geography, University of Hull, U.K.; editor, Energy & Environment**

**Dr. Hans H.J. Labohm, former advisor to the executive board, Clingendael Institute (The Netherlands Institute of International Relations) and an economist who has focused on climate change**

**Dr. Lee C. Gerhard, senior scientist emeritus, University of Kansas, past director and state geologist, Kansas Geological Survey**

**Dr. Asmund Moene, past head of the Forecasting Centre, Meteorological Institute, Norway**

**Dr. August H. Auer, past professor of atmospheric science, University of Wyoming; previously chief meteorologist, Meteorological Service (MetService) of New Zealand**

**Dr. Vincent Gray, expert reviewer for the IPCC and author of The Greenhouse Delusion: A Critique of 'Climate Change 2001,' Wellington, N.Z.**

**Dr. Howard Hayden, emeritus professor of physics, University of Connecticut**

**Dr Benny Peiser, professor of social anthropology, Faculty of Science, Liverpool John Moores University, U.K.**

**Dr. Jack Barrett, chemist and spectroscopist, formerly with Imperial College London, U.K.**

**Dr. William J.R. Alexander, professor emeritus, Dept. of Civil and Biosystems Engineering, University of Pretoria, South Africa. Member, United Nations Scientific and Technical Committee on Natural Disasters, 1994-2000**

**Dr. S. Fred Singer, professor emeritus of environmental sciences, University of Virginia; former director, U.S. Weather Satellite Service**

**Dr. Harry N.A. Priem, emeritus professor of planetary geology and isotope geophysics, Utrecht University; former director of the Netherlands Institute for Isotope Geosciences; past president of the Royal Netherlands Geological & Mining Society**

**Dr. Robert H. Essenhigh, E.G. Bailey professor of energy conversion, Dept. of Mechanical Engineering, The Ohio State University**

**Dr. Sallie Baliunas, astrophysicist and climate researcher, Boston, Mass.**

**Douglas Hoyt, senior scientist at Raytheon (retired) and co-author of the book The Role of the Sun in Climate Change; previously with NCAR, NOAA, and the World Radiation Center, Davos, Switzerland**

**Dipl.-Ing. Peter Dietze, independent energy advisor and scientific climate and carbon modeller, official IPCC reviewer, Bavaria, Germany**

**Dr. Boris Winterhalter, senior marine researcher (retired), Geological Survey of Finland, former professor in marine geology, University of Helsinki, Finland**

**Dr. Wibjorn Karlen, emeritus professor, Dept. of Physical Geography and Quaternary Geology, Stockholm University, Sweden**

**Dr. Hugh W. Ellsaesser, physicist/meteorologist, previously with the Lawrence Livermore National Laboratory, Calif.; atmospheric consultant.**

**Dr. Art Robinson, founder, Oregon Institute of Science and Medicine, Cave Junction, Ore.**

**Dr. Arthur Rorsch, emeritus professor of molecular genetics, Leiden University, The Netherlands; past board member, Netherlands organization for applied research (TNO) in environmental, food and public health**

**Dr. Alister McFarquhar, Downing College, Cambridge, U.K.; international economist**

**Dr. Richard S. Courtney, climate and atmospheric science consultant, IPCC expert reviewer, U.K.**

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**Friends of Science Third Annual Luncheon, with Dr. Chris deFreitas**

**George Koch and John Weissenberger, For The Calgary Herald**

**Published: Friday, April 28, 2006**

**Scientist Chris de Freitas doesn't seem very scary. The associate professor from the University of Auckland, N.Z.'s, School of Geography and Environmental Science came to Calgary with a defensible proposal: that global warming theory should be debated on its scientific merits -- the facts. Any policy changes aimed at**

influencing the world's climate should be driven by our scientific knowledge, not "climate catastrophism." Yet, the mild-mannered de Freitas appears to have the global warming movement frightened to its bones. Even before his luncheon presentation Thursday before the Friends of Science, an event that drew about 200, this newspaper was receiving e-mails challenging the credibility of de Freitas' work at Climate Research, a scientific journal.

He's also the subject of caricature at the New Internationalist, some U.K. neo-Marxists who appear to fulfil their religious needs through adherence to global warming dogma -- and Inquisition-like denunciation of doubters. De Freitas is routinely portrayed as out on the fringes, a tool of Big Oil, an isolated lunatic raging against an issue that's clearly settled.

Most critics avoid engaging him on his two simple questions: Is the world's climate getting warmer and, if it is, is humankind responsible for all or part of this? Perhaps the basic facts are too damning. Human-related emissions of carbon dioxide are the global warming movement's bete noire. Yet as a greenhouse gas, CO<sub>2</sub> is a punter, vastly outweighed by (natural) water vapour. And human-related CO<sub>2</sub> emissions are a fraction of this fraction -- 0.12 per cent. Human-related CO<sub>2</sub> emissions soared after 1940. Yet most of the 20th century's worldwide temperature increase occurred beforehand. How can CO<sub>2</sub> be the cause? Alarmists exploit "General Circulation Models" to predict future climate catastrophe. Yet these computer programs can't replicate our known climate history.

This is a tiny sample of the evidence de Freitas wields. "Reality is not conducive to alarmism," says de Freitas. "Given a choice between alarmism and honesty, science must always choose honesty."

We've always thought that this is exactly the ground on which the battle over Kyoto - and any variant of "climate change" -- needs to be fought. But for years nearly everybody was willing to surrender the field of facts. So the believers were able to advance their claim that the science was settled. The only question remaining was what to do about it: ruin our economy, or merely disrupt it?

Much of Canada's oil and natural gas industry played along. Officials in the Canadian Association of Petroleum Producers decided to accept the theory's validity (sincerely or otherwise), thereby buying themselves a seat at the policy table and, they hoped, influence over how Kyoto was to be applied.

Intellectually lazy, this was a dangerous game. Governments routinely adopt mad schemes notwithstanding one's willingness to "work with" them. This was, after all, the government of the billion-dollar gun registry, \$100-million Innu hamlets and other follies. Remaining skeptics, like Talisman's Jim Buckee and Imperial Oil's Tim Hearn, were portrayed as dinosaurs or unqualified to comment.

Mercifully, it appears Kyoto has cratered and the world is "moving beyond" something it never reached. But it was a very near thing. Crucial was the U.S. government's (president and Congress) refusal to ratify it. Also important were the lengthy delays caused by the Russian government's reservations. (Interestingly, Russia is also a hotbed of scientific skepticism.)

"There's been so much politics, so much belief, so many feelings," says de Freitas. What's needed is "a thorough scientific analysis." Oddly, after all these years he sees a modest trend toward "a more sober approach." In early April, 60 scientists called upon Prime Minister Stephen Harper to launch a review of the science behind Canada's climate policies.

So, now we're back where we were in the early '90s, debating the science.

After the fall of the Soviet Union, Polish ex-dissidents commented that a crucial moment in their awakening was Pope John Paul II's visit to his motherland in 1979. For years, the dispirited dissidents had assumed they were virtually alone, and that most Poles backed the communist regime. But when millions turned out to see the Pope, these seemingly isolated individuals realized they were part of the majority. For Poland's tyrants, it was the beginning of the end.

To those who doubt the scientific basis of global warming theory, we say: Don't let a cabal of government-funded scientists, environmental activists and journalists convince us they're the mainstream.

George Koch is a Calgary freelance writer and John Weissenberger a Calgary geologist. More of their writing can be viewed at their weblog, [drjandmrk.com](http://drjandmrk.com).

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Think Greenland is melting like an ice cube on a hot day?? Think again.

Read Dr. Tim Ball [here](#)

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An interested reader from Québec wrote to the Friends of Science web site. The reader's comments/questions and the response provided by Friends of Science follows below:

**Reader:** Hi! I would like a simple and clear answer to this question.

**Considering:**

The fact that humanity has produced toxic and/or greenhouse gases over the last nearly two centuries at a rapidly increasing rate, releasing into the atmosphere gases that didn't exist in natural form and that are hundreds of times more effective in increasing global temperature than CO<sub>2</sub>,

**FOS:** We are in complete agreement. That's why the Kyoto Protocol which concentrates solely on CO<sub>2</sub> is inefficient, ineffective, expensive and based on faulty science. The other items - and in particular: particulates, (which you do not mention) - refer to pollution. Kyoto does not address pollution. It's a political boondoggle.

**Reader:** The fact that the north pole's ice cap has considerably reduced over this period and that it will soon be possible to navigate through the North-East passage (which wasn't possible during the Medieval Warm period),

**FOS:** The North Pole does not have an "ice cap" only floating rotating and shifting sea ice. Changes in the Greenland cap are like all glaciers and all ice caps over time. There is nothing unnatural about it. During the Medieval Warm Period it was even warmer and the Vikings farmed on Greenland. Incidentally while the fringes are melting, the central ice packs (both Arctic and Antarctic) are growing as measured by satellite (due to precipitation). It means that the ice packs are alive and healthy: fed at the top and excreting at the bottom. In Antarctica, only the small Palmer Peninsula is melting because of ocean currents.

**Reader:** The fact that last year was a record year for hurricanes in the US, and for natural catastrophes around the world that this year doesn't look any better,

**FOS:** If you would read the relevant science literature you will find that even the pro-Kyoto crowd has admitted that the hurricanes have nothing to do with Global Warming, but with the oceanic North Atlantic Oscillation cycle, something that has been around for many centuries. Our website carries some of the articles

**Reader:** The fact that every year we see climatic events and conditions that are unusual, right here in our communities,

**FOS:** Read Madhav Khandekar (ex-research scientist with Environment Canada) and Tad Murty (ex-federal DFO scientist). They will show you statistically that there is little unusual, just excited media looking for a scare story. Higher damage costs of floods, ice storms, hurricanes and the like can be correlated with the increasing cost of assets being destroyed. Their writings are also either *in toto* or references on our website.

**Reader:** The fact that glaciers have been seen to melt at an alarming rate, which is unequalled in recent,

measurable past,

**FOS:** Glaciers have always either shrunk or increased in size. A well known cyclic climate event; we have documented evidence right here in the Rockies - See under ice caps above.

**Reader:** The fact that scientists around the globe agree to say that not only is the planet warming at an alarming rate, but also that this warming IS caused by humans (says the IPCC),

**FOS:** Sorry, they don't, and it isn't. Literally tens of thousands of scientists have signed the Leipzig, Heidelberg and Oregon declarations/statements/petitions, protesting the abuse of the science and the politicised goings-on at the UN's IPCC. It is well established in science literature (though not in the excited media) that the longer term average rate of temperature increase is at about 0.8 C/ 100 year. Sometimes more, sometimes less. Remember the Global Cooling scare (1940-1980)? "Return to Snowball Earth!", papers screamed. At that time CO2 levels were increasing rapidly and the temperatures dropped.

There is a disconnect between CO2 and Temp. The function of CO2 as a driver of GW is distinctly minor in comparison to the variable Solar Radiation and cloud cover as influenced by Cosmic Rays. The references by Soon, Baliunas, Veizer and others are on our website. Increased solar flare activity will warm the planet, including the oceans, which can then hold less CO2 in solution and expel some, increasing the atmospheric CO2 content. The time gap is measured variably in 100 to hundreds of years.

**Reader:** The fact that although the current variation of temperature is within "normal" differences, the rate at which our planet is warming has never been observed in the past, the warming we can now measure having happened in the last 50 years or so, vs millenia for "normal" climate changes

**FOS:** It may not have been physically observed, (little more than a few centuries ago has) but it has happened all the same. There are 150 years of temperature records and hundreds of thousands of years of "proxy" records, sometime more qualitative than quantitative, sufficient to map the great climate variations of the geologic past. Methods vary from pores in leaves, tree rings, thickness of calcareous fossilised shells, to their isotopic oxygen content (16 O vs 18 O) , lots more paleontological evidence, "fossil" atmosphere inclusions in ice cores, etc.) We are not totally at sea. There is truly coherent evidence to challenge the IPCC version of science.

**Reader:** The fact that computer generated models, that, whatever you might say, are the only and best way to preview the future, predict AT THE VERY LEAST an increase of more than 1 degree celsius over the next century, up to more than 10 degrees of increase,

**FOS:** Computer simulations do not predict anything. I've worked with them; one could construct any outcome by manipulating the input parameters. We have solid evidence that e.g. demographic statistics at the base of the IPCC models (projecting future 3rd world development) are unwarranted. (Castles&Henderson). They : "predict" the CO2 50 years from now with straight line extrapolations. Economies move in cycles, not in straight line any more than climate does.

Then they apply the dogma of "CO2 causes GW" and presto, we come to your next point: It must be emphasized that CO2-->GW is a dogma; it has never been proven, but has been assumed when the IPCC redefined Climate Change as being human-caused. Anmd I am not kidding you!

**Reader:** The fact that these models have been reconsidered and the minimum increase has been raised over the last years,

**FOS:** This statement is incorrect, as successive IPCC Assessment Reports have been reducing the "predicted" increase. Besides, it has not so much been their minimum increase (which has been - and still is - around 1.5 to 1.8 C/ann) - as well as their inflated maxima (5.8, 6.1, 8, 10) which were used in propaganda and got the media so excited, as some are still today. In fact the official 1.5 - 5.8 range has now been revised to about 1.8, which brings it within shouting distance of the corrected satellite and radiosonde numbers (1.2C/100yrs). This is within the normal range of recovery from the Little Ice Age, which has been going on now since about 1700.

**Reader:** The fact that if Canada applies the Kyoto protocol and becomes a major player in environmental protection, we can have a positive effect on other countries, whereas if we move against the protocol, the consequences will affect the entire planet because the targeted global reductions will be reduced, penalizing not only our citizens but all humanity,

**FOS:** You are quoting the NDP propaganda line. Kyoto is not about environmental protection. It is about UN world power, a cynical political attempt, fostered (among others) by our own despicable Maurice Strong, as assistant to Kofi Annan. If you want environmental protection, as we do also, you should concentrate on pollution, not on Carbon dioxide, a harmless non-poisonous gas essential to the life cycle. Again: Kyoto is not about fighting pollution. If indeed all these billions of dollars are available let us use them to clean up air, water and soil and provide clean drinking water to the third world.

**Reader:** The fact that if global warming is a reality, and for example permafrost begins to melt, releasing methane, it will accelerate rapidly if we do nothing to stop it, and that if this DOES happen, the consequences will be catastrophic for everyone. And catastrophic is a weak word to describe what can happen - not just water level raises of tens of meters that would erase islands and shores from the map, but also hurricanes, earthquakes, etc.

**FOS:** The reality is - say - 1.5 Celsius/ 100 years. There is no catastrophe in sight. In fact it is more likely that the present interglacial period would end within the next 100 years than that we would realise any of the scary warming scenarios which are being peddled from Environment Canada (under its previous minister) to Al Gore..

**Reader:** How can you NOT apply the good old saying, "better safe than sorry"? How can you deny the global warning (sic) that we are making the only planet we have uninhabitable, or at least not a place I would like to live in...

**FOS:** You are invoking the Precautionary Principle. Do some risk analysis first. How much risk when the worldwide premium is estimated at \$ 1 Trillion and the science underlying the theory is faulty? As must be clear from the above, whatever GW that has been measured (please leave the computer boys out of this) is nothing to get excited about and well within range of natural variation. Climate has changed throughout geologic and even recorded history. But realise that it is very certain that we cannot assume that there is anything we can actually DO to "stop" or "reverse" climate change. As a geologist I would call that Human arrogance.

**Reader:** We must act to protect our planet, and not just our economy.

**FOS:** I agree. Fighting pollution is another matter altogether. That's where we can do something. Please join us in the effort and stop wasting money on Kyoto. I would also appreciate hearing from you if some further study of facts (rather than Suzuki, Sierra Club etc. propaganda) would have changed your mind on this complicated question.

**Reader:** Incidentally, I would truly appreciate if you could tell me how you are funded. Where does your money come from?

**FoS:** We are funded through membership fees (\$ 25/yr) and individual donations. Large projects - such as our video and **radio ads** - are funded through grants out of a University of Calgary Trust Fund, directed towards debate of climate science and which is also fed by the charitable Calgary Foundation. We have no obligation to any commercial outfit (let alone oil companies) and we are mostly retired scientists and engineers working as volunteers.

Letters =====

To: "Peiser, Benny" <[B.J.Peiser@livjm.ac.uk](mailto:B.J.Peiser@livjm.ac.uk)>

To: "Peiser, Benny"

Dear Benny,

Through my association with Friends of Science in Canada I received two CCNet "extracts" (18 Aug, 19 Aug). In these extracts are two seemingly unrelated articles "Cost of ending global warming too high" and "More doubts about the impact and extent of the GH 8.2 Event".

The first article puts a \$16.5 trillion cost on the effort which is quite probably a reasonable number. What is unreasonable in the article is the statement "Scientists say the world will continue to heat up for the next 50 years, based on the amount of carbon already in the atmosphere."

The article then goes on with the statement "It follows from any cost-benefit analysis that .....

In order to have any cost-benefit analysis there has to be some benefit and spending all this money to reduce oil consumption for the purpose of stopping "global warming" can only result in zero benefit.

The second article which focuses on the Greenland Ice Sheet discusses a "significant short lived cooling event" ...."associated with a 5-7 degree C fall in mean annual air temperature over the centre of the ice sheet."

In all of the rhetoric about global warming the focus is always about the warming effect from CO<sub>2</sub>. This article points out a measured cooling that is at least 7 times greater than the entire greenhouse effect from all of the atmospheric CO<sub>2</sub>. (In the heated debates about global warming an overlooked basic physical fact is that the greenhouse effect of the Earth's atmosphere is in total about 35 degrees C, with over 97% coming from clouds and water vapor and only about 0.7degrees C attributed to atmospheric CO<sub>2</sub>)

If cooling occurred that is 7 times greater than could be achieved by extracting all of the CO<sub>2</sub> out of the atmosphere, then the cause of the climate change had to be from some other source than changes to the Earth's greenhouse effect from CO<sub>2</sub>.

The same has to be true for warming of the Earth's climate and the statement "scientists say the world will continue to heat up for the next 50 years, based on the amount of carbon already in the atmosphere" is just another falsehood that has evolved into a perceived truth through the magic of constant long-term misleading rhetoric.

We see the term "scientists say" used to validate all kinds of things usually for the purpose of selling something, but I have yet to see a single scientist stand up and say with absolute certainty that the human contribution to atmospheric carbon dioxide is responsible for changing the Earth's climate considering that 100 years ago over 99.95% of the atmosphere was made up of nitrogen, oxygen, and argon and today over 99.95% of the atmosphere is made up of nitrogen, oxygen, and argon.

**Even more remarkable, without any clear scientific certainty, the world has adopted a crippling economic burden that has no chance of providing any benefit.**

**Norm Kalmanovitch**  
[kalhnd@shaw.ca](mailto:kalhnd@shaw.ca)

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**Don't worry about global warming. Worry about global cooling.**

**Vancouver Sun**

**Monday, August 22, 2005**  
**Page: A7**  
**Section: Editorial**  
**Byline: Tim Ball**  
**Column: Tim Ball**  
**Source: Special to the Sun**

**Environment Canada has accomplished a feat astounding even by the standards of a government that wasted \$5 billion on the non-existent Y2K computer "crisis."**

**It has successfully tricked Canadians into accepting an economically crippling climate change strategy that is based on computer model predictions already proven incorrect.**

**As a consequence, the department's climate change plan diverts billions of dollars away from serious environmental concerns such as air, land and water pollution towards a project that is fundamentally backwards.**

**Instead of focusing on helping our most vulnerable citizens adapt to whatever climate change nature has in store for us, Environment Canada has succeeded in convincing Canadians that, by mandating carbon dioxide (CO2) restrictions, "the government will work with the planet to fight climate change," to quote Environment Minister Stephane Dion.**

**Anyone with even a minimal understanding of science has a right to be at least skeptical about such pronouncements. After all, rapid climate change is known to have occurred many times in the past, long before humanity arrived on the scene.**

**The evidence that the 20th century's modest warming is unusual and due to our release of CO2 is questionable at best. How can anyone seriously believe Environment Canada's confident assertions that CO2 rises drive global warming when ice cores show temperature rises before CO2, and the Earth cooled steadily between 1940 and 1980 as our CO2 emissions increased at the fastest rate in history?**

**Environment Canada's approach is backwards for an even more important reason. The evidence indicates that gradual planetary cooling, not warming, is next in the natural cycles driven by the sun. And records reveal cooling to be a far greater threat. When dust from the 1992 Mount Pinatubo eruption reduced solar energy input to the Earth by two per cent, global average temperature fell 1 degreesC and many regions experienced the coldest summers on record.**

**Winnipeg summers became like those of Churchill, Man., 1,000 km to the north. Harvests were delayed and**

yields were reduced across the country. Grains remained green into September across the Prairies. Heat units, a term used to measure the temperature dependent growth potential of specific crops, were low for corn in Southern Ontario.

But this impact pales in comparison with what would have happened had we already been in a global cold period. In 1815-1816, towards the end of the Little Ice Age, the Tambora eruption resulted in a worldwide temperature drop of 1.5 degreesC, causing massive crop failures in what became known as "the year without a summer." Snow fell in Albany, N.Y., on June 6, 1816, while hard frosts occurred in every month of the summer throughout the New England states that year.

History also shows that the Northern Hemisphere is far better off with warming than cooling. While cooling dramatically reduces plant and animal range, even Kyoto advocates acknowledge Canadian agriculture would benefit with longer frost-free seasons and more heat units. Extreme weather risks are also reduced in a warming world, a significant bonus for all. When Dr. Robert Watson, then chair of the Intergovernmental Panel on Climate Change, spoke to members of Parliament in the House of Commons in April 2002, he tried to frighten MPs by displaying a map that forecast world agricultural productivity if the global warming hypothesis was correct. But his scare tactics fell flat when his audience forced him to acknowledge that his own map indicated that Canada would see a net increase in productivity in a warmer world.

So why did our elected representatives agree to CO2 restrictions if our country would see a net global warming benefit? Chalk it up to the remarkable PR success of the Environment Canada/enviro-lobby alliance, which convinced most media and the public that significant global warming is caused by our emissions of CO2 and that such warming will be catastrophic.

The official Opposition, initially a supporter of science-based climate policy, succumbed to lobby group pressure and developed a platform based on opinion polls that indicated that most Canadians had been taken in by the hoax.

Instead of helping educate the public about the realities of science, the Conservative platform effectively supports today's climate change mythology by adopting the dogma that increasing CO2 is a "huge environmental problem" and, while opposing the specifics of Kyoto, advocating the development of plans to "fight climate change."

Logic suggests that, given the choice between preparing for cooling or warming, we should prepare for the greater danger, namely global cooling. But what is Canada doing to prepare for a colder world? Nothing.

*Dr. Tim Ball is a Victoria-based environmental consultant. He was the first climatology PhD in Canada and worked as a professor of climatology at the University of Winnipeg for 28 years. Dr. Ball is a member of the Scientific Advisory Board of Friends of Science.*

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## FRIENDS OF SCIENCE DENIED ACCESS TO COP-11 CONFERENCE ON CLIMATE CHANGE

*The following is an exchange between FOS and the Organizers of the COP-11 Conference, scheduled for later this year.*

Ms. Joke Waller-Hunter, Executive Secretary,  
UNFCCC Secretariat  
Haus Carstanjen  
Martin-Luther-King-Strasse 8  
D-53175 Bonn  
Germany

August 2, 2005

**Re: COP 11 Schedule of Events**

**Dear Ms. Waller-Hunter:**

**I am writing on behalf of Friends of Science, a Canadian organization of retired and active climate scientists, earth scientists and engineers. We came together a number of years ago out of concern over the science and process underlying IPCC initiatives, and the Kyoto Protocol in particular.**

**We are very pleased that climate science and climate change stakeholders are coming to Canada for the COP-11 conference in November. The conference could be an excellent opportunity to review the status of international agreements, and the state of climate science.**

**Our organization is a leading advocate of climate science review in Canada and our Scientific Advisory Board consists of some of the most well regarded climate experts in Canada and worldwide. We are pleased to offer our assistance to ensuring your conference reflects what is a growing view amongst climate scientists, namely that man-made emissions are not a major factor in climate change, and that an international approach to environmental protection must reflect this knowledge. This view has also recently been endorsed by the Vice President of the IPCC.**

**Specifically, we have recently produced a 22 minute video featuring leading climate scientists from across Canada and around the world discussing the status of climate change science. You can view the video at [www.friendsofscience.org](http://www.friendsofscience.org). Since COP-11 is being held in Canada and dedicated to the assessment of climate change, we feel it is important that this Canadian scientific evaluation of the issue be presented. For that reason, we would ask that a 22 minute period be set aside on the agenda during which our video may be shown to delegates.**

**Thank you for your attention to this matter. I look forward to hearing from you or your staff to make arrangements.**

**Sincerely,  
Douglas Leahey, President  
Friends of Science**

**Reply**

*Dear Mr Leahey,*

*I am responding to your communication dated 2 August 2005, to our Executive Secretary, Ms. Joke Waller-Hunter, in which you requested to make a presentation during the official proceedings. In conformity with the draft rules of procedure being applied (FCCC/CP/1996/2) the provisional agenda is drafted by the secretariat in agreement with the President. These discussions have been well advanced and the provisional agendas are about to be circulated. As you may realise the agendas for COPs are very full and are not open to public participation. To my knowledge the Friends of Science Society is not an admitted organization and consequently has no status within sessions of the Convention bodies.*

*The Convention process allows and encourages observer organization participation based on Article 7, para 6 of the Convention. There are currently over 650 admitted organizations representing all continents and the complete range of the climate change community. Observer organizations attend sessions, organize side events and set up exhibits. The Friends of Science Society would be best advised to contact a kindred spirit which is already admitted in order to participate in the sessions where there is scope to exchange views amongst participants.*

*If you need further advice please contact me.*

*Best regards,*

*Barbara Black  
NGO Liaison Officer, Climate Change Secretariat*

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## **CANADIAN SCIENTISTS CAUSE US CONGRESS TO DEMAND EVIDENCE FOR MAN-MADE GLOBAL WARMING**

### **BUT STILL IGNORED BY MEDIA AND POLITICIANS IN CANADA**

FOR IMMEDIATE RELEASE

August 10th, 2005

*Recently, Friends of Science Advisory Board member Dr. Tim Ball was invited with fellow Canadian Dr. Ross McKittrick to appear before a U.S. Congressional Committee discussing new energy and environmental initiatives. In addition, the Canadian Friends of Science video "Climate Catastrophe Cancelled" was aired in its entirety before the Committee.*

*In response, Congressman Joe Barton wrote a letter to the author of the much cited global warming "Hockey Stick" paper, Dr. Michael Mann, demanding what Canadian scientists have been demanding for years – to see the source code upon which the UN has based much of its Kyoto rhetoric and upon which Dr. Mann claims man-made global warming. This is the most serious political challenge to date to the faulty science upon which Kyoto has been built.*

*Friends of Science President, Dr. Douglas Leahey was grateful for the serious U.S. response to Canadian science, but was disappointed that Canadian politicians have ignored this work at home. "Our testimony to a Canadian Standing Committee was stricken from the record, and our appeals to the Environment Minister have been ignored. Canada is about to spend \$10 billion or more on a theory of man-made global warming that is not backed up by hard science. Internationally, England, the US and the Vice President of the UN body responsible for the Accord have questioned the science of the treaty, and the treaty itself. Canada has buried its head in the sand, and Canadian taxpayers and the environment will pay the price. For once, Canadian legislators could definitely learn something from their US counterparts. Don't spend billions until you do basic homework".*

*Friends of Science is also puzzled at the amount of media attention to Kyoto proponents, and the blackout of scientists who believe Kyoto is flawed and failed. "Canadians deserve to know that the critical mass of science suggests man is not causing global warming, that's in the public interest and necessary for a public policy debate," said Leahey today.*

*Friends of Science would be pleased to help schedule interviews on this issue.*

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## **FRIENDS OF SCIENCE ISSUE OPEN LETTER TO ENVIRONMENT MINISTER STEPHANE DION**

**Honourable Stéphane Dion  
Minister of the Environment  
House of Commons**

Ottawa, Ontario  
K1A 0A6

**OPEN LETTER**

July 7, 2005

**Dear Minister Dion:**

**I am writing on behalf of the Friends of Science Society, a group of mostly retired, earth scientists, atmospheric scientists and engineers, with no ties to any business or special interest, who came together out of genuine concern over the lack of properly conducted scientific investigation of man-made global warming and the Kyoto Protocol.**

**In April of this year, we had the pleasure of being invited to appear before the Commons Standing Committee on Environment to testify on the issue of Kyoto implementation. I appeared with Prof. Tim Patterson, a climate scientist of international renown, currently at Carleton University. Our testimony cited current and historical climatological information to make the case that there is no justification for the expenditure of billions of dollars on the Kyoto Protocol, since the case for man-made global warming is far from proven. We believe, in fact, based on the growing critical mass of data, that CO<sub>2</sub>, is not a significant cause of global climate change, is not a pollutant and any global climate changes being experienced now are relatively minor and well within historical natural norms. Prof. Patterson summed up his testimony by stating, "If, back in the mid-nineties, we knew what we know today about climate, Kyoto would not exist because we would have concluded it was not necessary."**

**Therefore, we were extremely disappointed and surprised to note that our testimony, the only testimony heard by the committee exclusively on the science of global climate change, was excised from the committee's final report to you. For that reason, we are very concerned that you, like politicians around the world, have been misled by unsubstantiated arguments in favour of the Kyoto Protocol, an agreement that will neither control global climate nor address real pollution. The Protocol, even if fully implemented around the globe, would not cause a net reduction in CO<sub>2</sub>, will not control climate and will direct billions and billions of dollars away from genuine environmental and human tragedies. Some of these false arguments include "the hockey stick". This depiction of 1000 years of average temperatures has been thoroughly discredited by Canadian scientists. Or projections of future warming, which have been lowered recently to the point where any warming, even over 100 years, will be imperceptible. Or by the Intergovernmental Panel on Climate Change, the body that drafted the Kyoto Protocol, but whose Vice President just last week announced that there is no firm case for man-made global warming.**

**Man-made global warming theory is a construct that is being demolished; yet Canada's Standing Committee on Environment refuses to cite our testimony to that fact.**

**Therefore, we are calling on you to consider the following:**

**Send the report on Kyoto Implementation back to the Commons Standing Committee with a request to study the science behind the Kyoto Protocol before making recommendations for its implementation.**

**Immediately create a Blue Ribbon Panel of independent climate scientists to determine whether or not there is a case for man-made global climate change.**

**Freeze the implementation of the Federal Government's implementation plan on Kyoto, "Project Green", until the Committee and the Panel have reported back to you, and to Parliament.**

**This is a matter of importance beyond the scientific community. Implementing the Kyoto Protocol in Canada is a disservice to Canadians insofar as it confuses genuine toxic pollution with the emission of CO<sub>2</sub>, a naturally**

occurring and beneficial gas. It pledges billions of dollars at a time when Environment Canada is strained in its efforts to reduce 2500 genuine toxins affecting Canada's environment. Further, the Protocol distracts Canadians and the world from immediate human tragedies. Minister, how many lives could be saved if Canada invested \$10 billion in clean water, food and disease preventives in regions where millions of people die annually from lack of water, lack of food and communicable diseases? Whereas neither atmospheric CO2 nor fluctuations in average global climate have been proven to have claimed a single life worldwide. These are invented emergencies.

Thank you for your consideration. Our commitment to scientific integrity and the wise use of tax dollars is why we are passionate about informing Canadians about the facts of global climate change and the Kyoto Protocol. We hope you share that commitment and will act on it.

Sincerely,

Charles Simpson  
Friends of Science Society

<http://www.friendsofscience.org/index.php/>

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## DOWNLOAD OUR POWERPOINT PRESENTATION - AND PASS ALONG THE LINK

Scientific articles can be daunting and time consuming. Here is a summary of some of the key criticisms of man-made global warming arguments.

[English](#)

[Francais](#)

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## TOP UN CLIMATE OFFICIAL QUESTIONS KYOTO

FOR IMMEDIATE RELEASE

June 24, 2005

Friends of Science wishes to bring to Canadian media attention a critical development regarding global warming and the Kyoto Protocol.

Yesterday, Yury Izrael, Director, Global Climate and Ecology Institute, Russian Academy of Sciences and United Nations International Panel on Climate Change (IPCC) Vice President, contradicted the UN IPCC's long standing position that trends in global climate can be attributed to man-made causes, and questioned the Kyoto Protocol. In the text, he is quoted as saying,

“One issue on the table at the G8 summit at Gleneagles in early July is global climate change. As I see it, this problem is overshadowed by many fallacies and misconceptions that often form the basis for important political decisions. G8 leaders should pay attention to them. There is no proven link between human activity and global warming.

Global temperatures increased throughout the 1940s, declined in the 1970s and subsequently began to rise again. Present-day global warming resembles the 1940s, when ships could easily navigate Arctic passages. However, man's impact was much smaller at that time. A Russian expedition that recently returned from the central Antarctic says that temperatures are now starting to decrease. These sensational findings are one of Mother Nature's surprises.

Atmospheric CO2 was 280 PPM (parts per million air molecules) in 1880, and now stands at 378 PPM. It has

increased by 31% since the pre-industrial era. This is quite a lot, but temperatures have increased by only 0.6 degrees. Paradoxically, temperatures tended to rise by one to 12 degrees at peak intervals, with carbon-dioxide fluctuations totalling not more than 300 PPM. Therefore I believe that the link between man's activities and rising temperatures has not been proved completely.

Scientists should comprehend the needs of politicians, and vice versa. I think this concept is quite effective. Unfortunately, some political decisions disregard the opinion of science.”

The full text can be found at <http://en.rian.ru/analysis/20050623/40748412.html>.

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## **Shocking Lead Emission Findings Prove Need to Take Action Against Real Pollution – Not CO2**

**FOR IMMEDIATE RELEASE**

**May 25,2005**

Friends of Science is a group of climatologists, natural scientists, and concerned Canadians who came together three years ago out of deep concern over the quality of climate change “science” and the process behind the UN’s Kyoto Protocol.

Today, Friends of Science cited Canadian lead pollution levels in the report of the Commission on Environmental Cooperation as evidence that Canada needs a full overhaul of pollution standards, and a review of funds being allocated to the Kyoto Protocol.

“This report demonstrates that Canada has taken a misguided approach to the environment. A critical mass of science shows the Kyoto Protocol is built on a faulty assumption; that CO2 is a dangerous pollutant. The Federal Government is prepared to spend almost \$10 billion in a problem that may not exist. At the same time, Canada is causing real damage every day with lead pollution – a substance that has been known for generations to be a serious health hazard. It’s time to put the brakes on Kyoto, and accelerate the cleanup of real pollution,” said Dr. Douglas Leahey, President of Friends of Science.

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## **SEA LEVELS STABLE**

Global climate models predict a rise in sea levels during the 20 th century. This is caused, accorded to some proponents, by burning fossils fuels, the release of CO2 and the greenhouse effect. But are these predictions supported by real-world evidence?

Several prior studies have concluded that the rate of global sea level rise has been rather stable over the past century (Douglas, 1991, 1992; Maul and Martin, 1993; Church et al ., 2004; Holgate and Woodworth, 2004). Nevertheless, White et al . (2005) conducted one more analysis of the available data in an attempt to find an increase in the sea level's rate of rise, comparing estimates of coastal and global averaged sea level for 1950 to 2000.

When all was said and done, White et al . concluded their results confirmed earlier findings of " no significant increase in the rate of sea level rise during this 51-year period," i.e., over the last half of the 20th century, including the last two decades that have been characterized as undergoing an "unprecedented" temperature increase.

If we cannot find any real-world evidence of acceleration in sea level rise over the entire industrial period, something is drastically wrong with the theories of global warming alarmists and Kyoto proponents. Friends of Science President Douglas Leahey called on the federal government to post this data on their climate change website, and to add this data to the growing basket of real observational evidence showing that there is no scientific basis for the Kyoto Protocol.

## References

*CO2 Science Magazine and,  
White, N.J., Church, J.A. and Gregory, J.M. 2005. Coastal and global averaged sea level rise for 1950 to 2000.  
Geophysical Research Letters 32 : 10.1029/2004GL021391*

[...more](#)

*Updated: 0000-00-00*

