

3 - DEGREES

Since Al Gore's "An Inconvenient Truth" was aired, scientists have acknowledged that climate change is occurring faster than even the most pessimistic climatologists anticipated.

3-Degrees is a one hour presentation on our changing climate.

Attend the "**3-Degrees**" presentation and learn . . .

- The difference between weather and climate.
- Why local cold spells are consistent with Global Warming / Climate Change.
- What caused glacial and warm periods in the past.
- The differences between past warming periods and what is happening today.
- Why some people have claimed global warming is over
- Why our temperature has only risen 0.91 deg to date when a similar increase in carbon dioxide caused about 3 degrees rise in the past.
- Why rainfall locations are changing.
- What the relationship is between carbon dioxide, temperature and world sea levels.
- Why there's such a large difference in sea level rise predictions (0.59 - 5.0 metres).
- Why 350 ppm of carbon dioxide is the highest safe limit for humans & our society
- How burning fossil fuels may also be cooling our planet and masking the effect of CO2.
- Why the mid Pliocene period, 3 million years ago, is potentially analogous to Earth's future climate.
- Why James Hansen, chair of NASA's Goddard Institute for Space Studies, has said that a 3 degree rise will guarantee disaster.
- Why seeding the atmosphere with sulphur dioxide or installing space mirrors to deflect the sun may cool our planet but will not solve our global warming crisis.
- Why food will be our biggest crisis in the future.
- Where our carbon emissions come from.
- What our governments and what we must do to mitigate climate change.
- What we are doing to mitigate climate change.

TESTIMONIALS

You presented aspects of global environmental change that aren't presented in the more generic "Global Warming is Bad" presentations. The aspect of the presentation I personally enjoyed most was the inclusion of so much scientific knowledge. You presented the audience with factual data and then let us draw our own conclusions. The second portion was fantastic. It really drew everything together and left us (as the audience) in a position to contemplate what it actually means to be living in an environment that is changing so rapidly. Even though your knowledge on this subject is enormous, you conveyed the material in a logical, well-structured manner.

Taylor Sorgini
The Headstart Team
McMaster University

I enjoyed and learnt from Lee Norton's excellent presentation. Lee is a skilful presenter and able to convey complicated scientific subject, i.e., climate change and its impact on the environment and on our lives in plain language with facts and data along with beautiful slides which keep the attention of the audience throughout his presentation. I wish Lee all success in educating the public and decision makers on this crucial subject.

Reza Moridi, PhD (Physics) and MPP
Parliamentary Assistant, Minister of Energy

Lee Norton is an excellent speaker. He customized his information-packed presentation, "3 Degrees" to include and review the most up-to-date charts and data available about Climate Change from a strong physics perspective. His presentation was well-received by our North York Physics Group.

Betty Muir
Co-Organizer
Climate Change Toronto,
The North York Physics Group

"Mr. Norton's presentation was full of up-to-date information on the realities of climate change, and he synthesised all of this effectively in an easy to understand format. I liked the inclusion of material on the scientists responsible for these findings, and my students took note of the message that Canada (and other countries) is not doing enough in both policy and practice. It made all of us recognise the need for local-international change now."

David A. Fennell, Ph.D.
Professor
Department of Tourism and Environment
Brock University
St. Catharines, Ontario

"Lee Norton does a fantastic job summarizing the current state of climate science as it relates to global warming. I highly recommend his presentation for members of the public and for experts alike"

Jay Malcolm, Ph.D.
Professor
Faculty of Forestry
University of Toronto
Toronto, Ontario

"Your presentation was packed with information, fast paced, and constructive. Your customization to emphasize the solutions to the climate change problem was perfect."

Zane Kharas,
Sustainability Event Series
McMaster University

"**3 Degrees** provides an informative, fact-based understanding of the significant (and time sensitive) impact of global warming on the earth, and on future of mankind as we know it today. We were extremely pleased at Vincor Canada that Lee presented at 3 different locations all of which were extremely well received. I would personally recommend to anyone interested in environmental sustainability and the importance of minimizing carbon emissions on our climate, to attend one of Mr Norton's presentations."

Bruce Walker
Executive V.P. (retired)
Vincor, Canada

"You broke down quite complex sets of data into understandable and manageable segments and are quite clearly well educated in this field."

Matt Juniper & Ashley Bigda
The International Federation of Liberal Youth
Copenhagen Delegation

"Your seminar was excellent. An eye opening look at what is really happening to the planet."

James Dockrill
President
J&S Sprinkler Design & Consulting

"You did a fantastic job. The facts that were presented, along with the images shown and the passion showed for the environment really made our students aware of how each person's actions affect the world. Excellent Presentation."

Lena Dekker
St. Andrew School, Welland

“It was a thought provoking presentation. As teachers, we will be able to incorporate global warming issues into our curriculum.”

Stu Ainslii
Westlane Secondary School

“I think your efforts startled some of us out of our complacency about the environment.”

Diane Corkeem
Project Share

“The presentation was an excellent overview of climate-based challenges and it was delivered covering familiar locations, engaging slides, and strong messages which the entire school population could relate to. I particularly liked how solutions to these challenges were addressed.”

Timothy Carr
Waterdown Secondary School.

ABOUT LEE NORTON

Lee Norton was initially trained by Al Gore and is a certified speaker for the Climate Project - Canada. He has presented to numerous local schools, colleges (Niagara & Mohawk) and universities (Brock & McMaster) as well as conferences (IAPA, Eco-Fest, Green Building Festival of Toronto, Wine Council of Ontario), local cities (Hamilton, Pelham), engineering associations (ASHRAE) and workplace seminars (The Mitchell Partnership, Johnson Controls, Aquatech, Inniskillen) among others.

Lee keeps pace with the accelerated developments in climate change and he presents an up-to-date review of where we stand. His presentation, “3-Degrees” is continually being updated as new information is published.

Lee is a professional engineer specializing in mechanical services for commercial buildings and he is a writer and editorial advisor for Canadian Consulting Engineer Magazine. Lee continues to make presentations across Ontario, discussing climate change impacts and how individuals in their homes, businesses and communities can take the actions necessary to reduce their environmental impact and urge others to action.