

X. Seeking the Truth – Introducing the Carnicom Institute

On a crisp, cool morning in Santa Fe, New Mexico, Clifford Carnicom stepped out of his mobile camper, along with his fiancé Carol, and looked up at the sky. Instinctively, he knew that something was changing, something was very wrong. It was the 14th of February 1999, Valentine's day.

Two weeks prior to observing the skies above Santa Fe, Carnicom had paid a visit to a client – a retired Air Force Pilot veteran. Carnicom, a computer technician and consultant, was driving down the driveway of his client's property when he saw an awesome blitz of lines appearing above the horizon. He knew that what he was witnessing was new and important. He quickly drove back to his client's front door, beckoning him to come out to show him the strange and curious crisscross shape formations. Together, they stood watching and questioning.

The internet was just coming into vogue in those days and so Carnicom decided to take three photographs on that Valentine's Day morning, which he would later post for the public on his personal website. Little did he realize that eventually thousands of other citizens would be doing the exact same. His photographs, including his scientific research papers, analyses, and other documents can be viewed and downloaded on-line at: www.carnicominstitute.org.

Coinciding with these revelations was a Canadian journalist by the name of William Thomas, who appeared on a radio station called *Coast-to-Coast*. Mr. Thomas was raising awareness about recent visible alterations of the sky. Carnicom had, by chance, been listening to the radio broadcast and would notice these very same trails in the skies only two months later. This was the official beginning of the anti-geoengineering movement and the visible documentation of the alteration of the atmosphere.

Many individuals began paying closer attention and demanding answers from their local and national environmental agencies empowered to protect the natural environment and public health. The efforts seemed all in vain, as replies with outright denials that anything unusual was occurring other than normal commercial aircraft contrails became the norm.

From that fateful day in 1999, Carnicom's life would take on new meaning. His primary concern: seeking the truth and reporting on that truth, utilizing reliable and comprehensive scientific methods, plain eyesight, and gut intuition. Despite nearly two decades' worth of denials by local, as well as national agencies, the assault on our atmosphere continues with unknown risks and consequences for the environment, not to mention major public health concerns globally.

From 1999 to 2008, working as an individual, Carnicom would begin to build one of the most extensive and comprehensive scientific research libraries and proprietary databases available online for humanity. In the early years, he attracted many an interesting visitor including: U.S. Defense Corporations, the U.S. Department of Defense, the Environmental Protection Agency (EPA), commercial aviation companies such as Boeing, Universities, and many more. Given this knowledge, it is perhaps best to take a more in-depth look behind the brilliant mind and public-service focused citizen.

Clifford Carnicom grew up in a military family. His father was a career naval officer and as a young child, that meant he understood the need for order. His upbringing would instill in him some very noble values, one of which was the importance of public service on an individual basis. This would appeal to him the most.

Prior to his career in public service, Carnicom earned a Bachelor of Science degree - Cum Laude from the Civil Engineering Department at California State University at Fresno, California, in the field of Surveying and Photogrammetry. His post-graduate studies were conducted at the Ohio State University and Washington University under the endorsement of the U.S. Department of Defense. Carnicom also earned an Associate of Sciences degree and a Forest Engineering vocational degree from the College of the Redwoods in Eureka, California.

His additional studies were completed at Mesa Community College, St. Louis Community College, Humboldt State University, and the University of California San Diego. His education encompasses a wide variety of disciplines, including geodetic science (the science of accurately measuring and understanding the Earth's geometric shape, gravity field, and satellite dynamics),

advanced mathematics, engineering, statistics, physical sciences, computer science, and the life, environmental and biological sciences.

After university, Carnicom decided to continue in his father's footsteps of public service by becoming a federal employee for the United States Government Department of Defense, The Bureau of Land Management, and the United States Forest Service. In total, his 15 years of public service combined with his university degrees (earned with honors) would serve him well for his true mission in life and more noble pursuits for humanity.

As a federal employee, Carnicom worked as a technical research scientist, acting in a professional capacity, supporting analysis and development of major Department of Defense physical and weapons modeling systems, with extensive computer programming and system application development experience. He held a Top Secret/SCI clearance. He was also appointed for and completed two years of intensive graduate level studies in mathematics, statistics, computer science, and geodesy under the guidance of the Department of Defense.

Among his many accolades, Carnicom would be named the Defense Mapping Agency Aerospace Center Employee of the Year, Supervisor of the Year, Department of Defense Best Presentation Award for his communication skills; he also received the Geodetic Sciences Departmental Award for outstanding technical, managerial, and cost-effective performance.

He would provide the U.S. defense research industry with original solutions to system development and modeling problems, including application of higher mathematics, statistics, computer programming, information management, task scheduling, product development, and computer graphics.

Today, Carnicom is most well-known for his non-profit research and educational organization devoted to raising awareness of environmental and health issues. As president and founder of Carnicom Institute, he makes available over 350 research documents and analyses. The majority of research is related to the topic of geoengineering with documented photographs, data, and scientifically proven experiments.

Carnicom's comprehensive research and proven scientific analyses demonstrates that harm and damage to the environment is real. From the very onset, he sought local and national agencies to investigate these occurrences, like many other well-meaning and concerned citizens.

In one of his papers entitled "Official Responses," Carnicom posted the photo of an environmental sample composed of a network of sub-micron filaments that had been sent to him. A portion of this unusual sample was sent by certified mail to the United States Environmental Protection Agency. The EPA refused to acknowledge receipt of this sample. It would be over a year later, and by a Freedom of Information Act request, that the EPA finally returned the sample in question, stating that they do not investigate unsolicited material sent to them.

It is difficult to imagine that the environmental movement, born after the publication of Rachel Carson's poignant book *Silent Spring* and thereby the basis for the creation of the EPA, December 2, 1970 under Richard Nixon, would state "*that [the EPA] does not test or otherwise analyze unsolicited substances of matter or material.*" [[ref 80](#)] (Copy of the referenced letter available on the Carnicom Institute website.)

The refusal by the EPA to identify the fibrous sample posed a potentially serious national health concern, which should have been addressed at the highest levels by those responsible for protecting the health of U.S. citizens, including the protection of the environment. To date, the fibrous sample mailed to the EPA has not been analyzed publically by authorities.

Instead, like the thousands of other concerned individuals who have sent letters demanding explanations for the alterations of the atmosphere, providing photos or samples, not one would receive the proper redress he or she hoped for from an agency meant to serve the interests of the public and the environment.

In 2005, Clifford Carnicom made the decision to reach another segment of society visually and began to write a documentary entitled [Aerosol Crimes](#). With a very minimal budget and without any collaborators (except his wife Carol), he set off with his \$60 VHS recorder and other equipment worth only \$400 to make a documentary, which would hopefully appeal to the public. It would take him little over a year to produce the documentary, knowing that the issue wouldn't

be resolved quickly. The original feature was over an hour and a half, but this was considered too long for the general public's attention span programmed to sound bytes.

At a conference in California (2008), some film executives walked up to Carnicom after his presentation and asked whether they could shorten his documentary; they wouldn't require payment or any formal recognition for the task. Carnicom accepted and in turn, they reduced the video to 45 minutes (abridged version), adopted a British narrator and gave it a new title, [Cloud Cover](#).

Clifford Carnicom was therefore the pioneer in producing both *Aerosol Crimes and Cloud Cover*, highlighting the changes to our atmosphere. The documentaries would be viewed by thousands of people around the world and would set the stage for further documentaries and videos on the subject including: *Why in the World Are They Spraying* and *Overcast*. Carnicom's initiatives have now spawned other anti-geoengineering organizations, including the well-known California based [Geoengineeringwatch.org](#), as well as the French non-profit, *Ciel Voilé*, to name a few.

A notable personality who appeared in Carnicom's documentaries was naturopath doctor, Gwen Scott. Prior to becoming a holistic doctor, Scott was CNN's international broadcast and co-anchor of "The International Hour." She would spend nearly 30 years in televised broadcast news and would receive the prestigious Gold Medal from the International Television and Film Festival. Sadly, there are not many videos of CNN's International Hour available on-line today – a forgotten by-gone era when a once-dashing Ted Turner took news broadcasting to another level by airing non-stop 24 hours a day, 7 days a week, 365 days of the year.

In the documentary, Scott discusses off-camera that she had tried for years to raise the subject of geoengineering and the alteration of the atmosphere amongst her colleagues at CNN and other broadcast networks. She had apparently even been to see the "boss" regarding the revelations of the alteration of the atmosphere. Given her solid connections and visible role, she found several colleagues and peers willing to take the story on.

However, the media gate-keepers, controlled by the ruling elite and intelligence community, would ensure that all her efforts to promote any coverage of the alteration of our atmosphere

would be blocked. She would never understand where the gauntlet would come down, so she continued to raise awareness of geoengineering activities independently, as well as provide natural remedies to those concerned about their health. Sadly, Gwen Scott passed away in 2015.

When visiting the Carnicom Institute website for the very first time, one will find a wealth of research material and data offered to the public. Perhaps the research of most benefit to individuals is to be found under the foundational category where over 60 papers are available, says Carnicom. This category covers three major themes: environmental issues, health issues, and social aspects of populism, the media and social institutions.

One such article, which is especially worthy of consideration by the scientific community, as well as concerned citizens, is entitled *A Clash of Evidence: The Realities of Solar Radiation Management*. In this paper, Carnicom questions the validity of public perception of stated geoengineering projects versus their actual deployment.

Carnicom starts from the outset by clarifying: *“Before going further, however, it will be beneficial to provide a brief historical context for the issues and the language involved. There is a track record of controversy and confusion, information and misinformation, official responses and denials, organization and disorganization, research and speculation, and authorities and personalities that now span close to two decades. Unfortunately, the progress of society coming to terms and truthfulness with the deliberate modification of the atmosphere, and ultimately the planet itself, has been slow.”* [[ref 81](#)]

He continues, *“What the public was ‘given,’ therefore, was an unsubstantiated agenda, ill-defined language of popular attraction, and a host of ready-made and supported ‘detractors’ that raised a commotion, provided distraction and dispute; all of these set the stage to successfully avoid journalistic integrity, scientific investigation, and accountability by public representatives. The obstacles were all provided at little cost, but at great expense to the needs and interests of the public.”* [[ref 82](#)]

Carnicom challenges those well-versed in the effects of aerosol-induced clouds by claiming the opposite that *“High, thin clouds, including those that originate from an introduced aerosol base, do not cool the planet; they heat it up.”* [[ref 83](#)] He substantiates this statement by the reports

from the International Panel on Climate Change (IPCC) (1999) and NASA's Clouds and Radiation Factsheet (2016). There is a considerable "*red herring*," he notes, coming from media's disinformation techniques, which claim that the geoengineering will cool the planet.

Carnicom further supports his thesis by highlighting a research paper written by Edward Teller (the hydrogen bomb scientist previously mentioned) entitled *Global Warming and Ice Ages: Prospects for Physics-Based Modulation of Global Climate Change*, which, according to Carnicom, was used as the "holy grail," proving that geoengineering programs have been and continue to be in deployment.

He admonishes such enthusiastic activists by stating that Teller's scientific recommendations specifically state for such experiments to take place in the stratosphere and not in the lower atmosphere, known as the troposphere, where commercial planes fly. He states, "Teller proposes to introduce the "scatterers" into three different locations to artificially cool the earth:

1. *Into the middle of the stratosphere (NOT the troposphere). The stratosphere is in the upper atmosphere and the troposphere is the lower atmosphere – a significant difference that is highlighted in his paper.*

2. *In orbit, in SPACE, approximately 4000 miles above the earth.*

3. *Deep in SPACE, approximately 400,000 miles from the center of the earth.*

An obvious pattern of diverting the heat to locations distant from the earth should be apparent to us; it is one that has not been disclosed sufficiently within the current discussions taking place with respect to both geoengineering and climate control.

The reason the materials are proposed to be so distant from the earth is two- fold; Most of the materials considered will absorb heat and it is desired to have the captured heat radiate into space, not into the earth and its lower atmosphere.

The principles of the approach should not be difficult to grasp here, but they most certainly have been misrepresented in most discussions that are taking place with respect to current and active geoengineering (and bioengineering) operations.

*The Teller paper never explained the physics or consequences of introducing massive amounts of specific aerosol types into the lower atmosphere. **The reason for this is simple; the paper was never intended to explain it because this act is not a viable way to cool down the earth.*** [ref 84]

This study is worthy of review by concerned citizens and activists, as it poses a number of thought-provoking questions, as well as observations requiring consideration.

Recently, a journalist of a prominent U.S. financial news magazine contacted Carnicom to ask for his opinion of a recent study, a peer reviewed piece by UC Irvine and Carnegie Institute. It appears that the study went to great lengths to engage “experts” from around the world to support their preferred theory of contrails, as well as the supposed normalcy of soil, dust, and water samples, stating that the heavy metal toxins found are of natural origin.

The report authored by Christine Shearer, Mick West, Ken Caldeira, and Steven J. Davis entitled *Quantifying Expert Consensus Against the Existence of a Secret Large Scale Atmospheric Spraying Program [SLAP]*, states in its introduction, “*The existence of actual research programs that involve spraying or dispersing material in the atmosphere is seen, by some, as evidence in favor of SLAP theory.*” [ref 85]

Clifford Carnicom shares his review of this peer-reviewed study by UC Irvine and Carnegie Institute. He begins by saying , “*The research paper does not represent honest scientific work; rather is it another example of a manipulation ploy to steer public attention towards ridicule.*” [Carnicom Response to UC - Carnegie Report.](#)

Similar to labeling citizens concerned with the on-going alteration of our atmosphere and geoengineering experiments as “conspiracy theorists,” these authors have adopted what Carnicom calls a “*cheap ruse*” in their newly created acronym SLAP. He goes on to highlight the use of such words as “thought” and “likely,” which appear in the study instead of words that indicate an intent to establish a scientific method, such as “observation” and “evidence.” Carnicom dismisses the research as simply a ploy to influence public behavior and opinion.

Nearly half of the peer-reviewed experts come from national agencies, including NASA and NOAA. Given this information, it appears that the authors of the study may have overlooked a

geoengineering experiment that took place in 2012 off the coast of Canada, as reported in UK broadsheet, *The Guardian*.

The article written by *The Guardian*'s independent journalist Martin Lukacs (October 15, 2012) entitled "*World's Biggest Geoengineering Experiment Violates UN Rules*" highlights how a business man, Russ George, of Planktos Inc. decided to give iron-fertilization (a geoengineering technology to increase algae blooms to absorb more CO² from the atmosphere) a go off one of the most pristine and diverse ecosystems of Haida Gwaii of Canada. This was shortly after deceiving local indigenous peoples into believing that the experiment would increase salmon production.

Russ George told Lukacs in 2012, that "*his team of unidentified scientists had been monitoring the results of the biggest ever geoengineering experiment with equipment loaned from US agencies like NASA and the National Ocean and Atmospheric Administration.*" Mr. George added that the two moratoria on geoengineering (the Council on Bio Diversity and London Convention) are "mythology." [ref 86]

Editor Silvia Ribeiro of the international watchdog organization, ETC Group, was credited with first discovering the existence of the scheme. (www.etcgroup.org).

The recent UC Irvine-Carnegie Institute peer-reviewed study is further evidence of the tactics used by geoengineer enthusiasts to disqualify, confuse, manipulate, and ridicule citizens, thereby preventing the critical flow of information to the masses, as Carnicom notes. Unwittingly, the peer-reviewed study seems to have had the exact *opposite* effect; it has further fueled growing public distrust of policy decision-makers, social institutions, and ruling elites.

What continues to be confusing for many concerned citizens is the stated will of the majority of scholarly geoengineering scientists and their publicly available research, including academic research done by international non-governmental organizations such as The Royal Society's report on geoengineering, expert testimony to Congress and Parliament, as well as SRMGI research and the *Oxford Principles*, all calling for greater public engagement and debate. Again, it was John Shepherd, Chair of The Royal Society's reports on Geoengineering and Governance

of SRM in 2009 who said before the U.S. House Committee, “*We need widespread public debate and widespread engagement.*”

Therefore, a communications strategy that is in direct conflict with the stated will for widespread public engagement by *the* foremost scientists on geoengineering is confusing. According to Carnicom, branding concerned citizens as conspiracy or SLAP theorists, has no basis in *true* academic scientific research.

For Clifford Carnicom, his dedication to public service on an individual basis, in educating the public about health concerns and environmental consequences, remains his guiding principle.

[ref_n80] EPA Response letter 2001, Carnicom Institute, Clifford Carnicom

[ref_n81-84] Carnicom, Clifford, ‘The Clash of Evidence: The Realities of Solar Radiation Management (SRM),’ April 2016.

[ref_n85] Shearer, Christine et al, “Quantifying Expert Consensus Against the Existence of a Secret Large Scale Atmospheric Spraying Program,” UC Irvine IOP Publishing -Environ.Res. Lett.11(2016)084011 2016

[ref_n86] Lukacs, Martin, “World’s Biggest Geoengineering experiment ‘violates’ UN rules,” The Guardian - 15, October 2012.