

## Chemtrails, Geoengineering and Electromagnetic Technology

by Neil Hamley (updated Feb. 2020, [www.spiritualityandsoul.com](http://www.spiritualityandsoul.com))

The following quote is from Charles Jones, former Brigadier-General, US Air Force: ‘When people look up into the sky and see white trails paralleling and crisscrossing high in the sky, little do they know that they are not seeing condensation but instead are witnessing a manmade climate engineering crisis facing all air breathing humans and animals on Earth. These white aircraft sprayed trails are the result of scientifically verifiable spraying of aluminium particles, other toxic heavy metals, polymers and chemicals. These toxic atmospheric chemicals are used to alter weather patterns creating droughts in some regions and deluges and floods in other locations. Even extreme cold can be created by climate engineering... Unfortunately, these unfolding weather catastrophes are not capturing the attention of American citizens or politicians. Weather warfare has already almost reached beyond possibility of devastation to all mankind and animals. It is that serious, and it is time limiting.’

In recent years you may have noticed jet aircraft leaving long trails behind them which do not dissipate, and which then proceed to gradually spread out into the sky. These have come to be known as chemtrails. Chemtrails are *not* contrails, at least not normal contrails. Contrails or condensation trails are produced when water vapour from jet engines condenses around the particles of pollution, also emitted from the jet engines, to form small ice crystals. Contrails form in temperatures of minus 35 Celsius with 67% plus humidity which is normally at an altitude of 35,000 feet or more. Contrails normally dissolve very quickly and leave only a short, briefly lived, trail behind the jet. In the most ideal conditions, which will not often occur, a contrail may last as long as 30 minutes. Pilots know that contrails are rarely seen, in part because they form at such high altitudes. [17 p. 52-3].

A chemtrail is an *atypical* type of contrail. Unlike short and rapidly disappearing contrails, by contrast, chemtrails often stretch for long distances across the sky, commonly from horizon to horizon. They commonly persist for hours as they slowly spread out to blanket parts of the sky, thereby giving it a hazy and somewhat pale appearance. If sufficient chemtrails are present in an area they will coalesce to form a type of cirrus cloud which has become known, officially, as ‘cirrus contrailus’ or ‘cirrus chemtrailus’. Unlike normal cirrus clouds, cirrus chemtrailus clouds are often wispy, stringy, feathery, ill-formed and misty things. In contrast to normal contrails, chemtrails—and the cirrus chemtrailus clouds they produce—commonly form at higher temperatures and in lower humidity, around 30-40% (versus 67% plus). Because the chemtrails form in these conditions of relatively higher temperature and lower humidity they form at lower altitudes than normal contrails and thus we are often able to see them. Chemtrails can form at 20,000 feet or lower, whereas contrails form around 35,000 feet or more. The reason why chemtrails are able to form in these relatively different atmospheric conditions is because they form from water vapour condensing around *high concentrations* of particles or particulates in the jet exhaust, and where these particulates are of such a nature that they readily attract water to themselves. In particular, the particles are microscopic nanoparticles (discussed below), and many of the particles are metallic oxides or salts. Both of these properties enable them to *attract* water. *These types of particles and their higher concentrations have been deliberately introduced into the jet fuel.* In due course we shall see why.

The particles or particulates included in chemtrails include soot (both carbon black dust and carbon black aerosol); metal particulates including aluminium oxide, barium oxide, titanium, strontium, chromium and lead; polymers (large molecules composed of smaller repeating ones); chemicals including sulphur and arsenic; and other substances such as calcium. Often these particulates are found to be internally mixed within the soot particles. As we shall see in due course, this is by no means a complete list of what is contained in chemtrails. [25 p. 9-10]

The deliberate spraying of particulates into the air via jet exhausts is known by various names including stratospheric aerosol injection or SAI and stratospheric aerosol geo-engineering or SAG. (‘Aerosol’ is

simply a term for microscopic particles suspended in air.) Observations of jets and their flight paths, recorded on film, radar and satellite, show that SAI is being done by a combination of military aircraft, passenger jets, and privately operated aircraft. SAI been especially prevalent since the late 1990s but, as discussed below, its development and experimentation has a much longer history. It is most prevalent in the US and its allies, including the 28 NATO countries, Canada, UK and Australia. However, it seems to be almost a world-wide occurrence. Despite the overwhelming evidence, as discussed below, that SAI has been occurring with increasing force for at least two decades the official position of the US government, and many other governments, is that SAI is not occurring. This too will be discussed shortly.

Some of the SAI is not visible to us because the aerosols are injected into a part of the atmosphere called the stratosphere which is some 20-50 km or 12-31 miles or 35,000-40,000 feet above us.

There is massive research being done in the area of SAI and it is much discussed. In this research SAI is often discussed as something which *may* occur in the *future*. This is deliberately misleading. The *ostensible* purpose of, or justification, given for SAI is to create a shield of particulates in the atmosphere around the Earth which will reflect back sunlight, thereby cooling the Earth, thereby countering some of the effects of global warming. Hence, SAI is often called Solar Radiation Management (SRM); and though they do not mean precisely the same thing I will lump these two operations together. As discussed below, *SAI actually serves to heat up the atmosphere*.

Geo-engineering is a term used to describe any deliberate intervention in the weather system to change it on a large scale. SAI via chemtrails is one type of geo-engineering. Geo-engineering is neither new nor something proposed for the future. In his video presentation—available on YouTube—entitled *Geoengineering, Weather Modification and Weaponizing Nature*, Jim Lee (of climateviewer.com) sets out a *fully documented* history of weather modification projects in the US, beginning in the 1940s and growing with increasing force since then. (Examples are given later.) In 1996 the U.S. Air force published a much-cited research paper entitled *Weather As A Force Multiplier: Owning the Weather in 2025*. This ownership is not going to happen without a lot of experimentation *prior* to 2025. As we shall see, SAI is certainly part of that experimentation and plan for such ownership. In 2010 there were 60 plus weather modification projects (that we know of) occurring in the US alone—information about these programs is available on *public record*. Some of these projects can cover 184,000 square miles at once (bigger than California). In the US there is little or no legislation governing these experiments, thus no oversight, and of course no public permission. In particular, in the US, SRM and SAI are classified as ‘research’ which means informed consent of the public is apparently *not* legally needed. Thus, in the US, the Chemical and Biological Warfare Program, Public Law 95-79 states: ‘The use of human subjects will be allowed for the testing of chemical and biological agents by the US Department of Defence, accounting to Congressional Committees with respect to the experiments and studies.’ ‘The Secretary of Defence [may] conduct tests and experiments involving the use of chemical and biological [warfare] agents on civilian populations [within the United States].’ The World Meteorological Organization states that at least 53 countries have weather modification programs.

If there is any doubt about geoengineering of different types has been occurring in Australia please see the article *Revealed: The Australian Companies Manipulating Our Weather* at by Ethan Nash at *Tott News* and published on June 25<sup>th</sup> 2018. One geoengineering technique called cloud seeding, where particles of silver iodide or solid carbon dioxide are dispersed into rain-bearing clouds to induce rain, has been practiced continuously in Australia since 1947. Experimentation in this area is currently being conducted, at least, by the CSIRO Division of Cloud Physics. In 2007 Malcolm Turnbull gave \$10 million from the Australian Government Water Fund to the secretive Australian Rain Corporation, now Australian Technologies, for research of a technology that aims to trigger rainfall using cloud seeding and adding electrification of the ionosphere (a layer of the atmosphere, discussed below) to create clouds out of thin air. [26].

In 2010 at the Tenth Conference of Parties to the Convention on Biological Diversity there was a decision by the 193 members of this UN convention to place a five year moratorium on geo-engineering projects and

experiments like Solar Radiation Management (SRM), including no aerial spraying (SAI), where it was stated that any experimentation to manipulate planetary weather will be in violation of this UN consensus. Not surprisingly the US chose not to sign up to this agreement. [16, p. 110]. Russia urged, and was successful, in getting the UN to include geo-engineering in their climate change report. The UN's Intergovernmental Panel On Climate Change or IPCC basically admitted that SAI or SRM was already underway in 2013 when it stated: 'If SRM was terminated for any reason, there is *high confidence* that the global surface temperatures would rise very rapidly...' [17.] Obviously, for something to be terminated it must already be underway. Indeed, there are now some 320 patents for geo-engineering. [12]. Aluminium is the primary element named in numerous geo-engineering patents—the same patents that describe dispersing this aluminium from jets for the express purpose of blocking the sun. This is exactly what we see jet chemtrails doing in our skies day in and day out: creating artificial haze and cloud cover which blocks direct sunlight. [21]. A telling example is the 1991 Hughes Aircraft Patent 'Stratospheric Welsbach Seeding For Reduction of Global Warming'. This patent calls for 8-12 micron sized, infra-red, standard aluminium oxide and other reflective particulates [16, p. 93] to be seeded via jet fuel into the atmosphere to reflect back sunlight. Why this great number of patents for geo-engineering if geo-engineering is not occurring and will not continue to occur? In a 2010, a 336-page report entitled 'CASE ORANGE', commissioned by the Belfort Group, European aerospace engineers presented conclusive evidence of chemtrails over NATO countries. [17, p. 51]. Further, as Elana Freeland reports in the latter part of chapter three of her groundbreaking work *Chemtrails, HAARP, and the Full Spectrum Dominance of Planet Earth*, a number of European countries and politicians, and the European Parliament, have spoken out, or are trying to speak out, about the issue of SAI.

Perhaps the single greatest area of evidence for chemtrails and SAI is the almost self-evident nature of what is happening in the skies above us. To some extent I have already described the nature of chemtrails and their effect on the sky. A few more points may be added. As noted, the cirrus chemtrailus clouds formed from chemtrails are often wispy, stringy, feathery, ill-formed and misty in appearance. Indeed SAI has resulted in, or contributed to, many strange or unusual cloud shapes and formations (which you may have noticed). Consequently, no less than 12 new cloud types have been recently identified by the Cloud Appreciation Society for the World Meteorological Organisation including ones explicitly seen as caused by human activity such as homogenitus and homomutatus. Contrails are regarded as an example of the former. [17 p. 129-30]. (If you google 'chemtrail cloud formations' and select 'images' you will see a whole range of these abnormal clouds.) Well-formed clouds of any description are becoming harder to find. If enough SAI has occurred, cirrus chemtrailus clouds will form into an overcast sky. However, unlike a normal overcast sky, an artificially produced overcast sky is characteristically a relatively homogenous murky and misty mess of ill-formed clouds. It also tends to be a very complete coverage of the sky, where the clouds do not break apart at intervals to allow the sun to shine through. Further, despite being overcast there is generally no rain associated with such cloud cover—it just hangs there until it evaporates or moves on. Needless to say, that with all the SAI the sky has lost its beautiful deep azure blue and is becoming progressively more pale—unfortunately, children today do not know what a normal sky looks like.

There are many videos on YouTube which show chemtrails being laid and sprayed in various ways, the manner in which they spread out, and the differences between chemtrails—which are atypical contrails—and normal contrails. For example, some videos show a contrail and a chemtrail present at the same time, in the same location, and where the weather conditions are the same: the contrail evaporates quickly the chemtrail does not. There are videos of: a passenger jet releasing two very different chemtrails from its left and right sides, including being of different colours; chemtrails being laid in stop-start releases; or where the chemtrails suddenly cease to be released from the jet (despite the weather conditions obviously not changing). Some chemtrails form into chained formations. Video footage shows numerous chemtrails being laid in regular grid patterns, or circular patterns, where these, and other trails, have been shown to be definitely *not* part of any passenger jet flight paths. Time lapse photography will show these trails to then coalesce into cirrus chemtrailus cloud formations.

Is Qantas involved? Yes. Just search YouTube. In particular there is one YouTube video which features Qantas Flight QF64 from Johannesburg to Sydney. Is Virgin involved? Richard Branson is a major funder of geo-engineering. Bill Gates is also a major funder of geo-engineering, including providing a big pot of money to prominent geo-engineering front men like David Keith and Ken Caldeira who are at the forefront of lobbying for SAI or SRM. Their lobbying is really just a pretence, for SAI has been occurring for a long time.)

In addition to jets, rockets are also releasing tons of aerosols into the air. With every orbital rocket launch some 20-120 tons of aluminium and other particulates are dumped with the exhaust plume into the upper and lower atmosphere. The particulates deposited in these exhaust fumes have a great similarity to those in jet exhausts and the two sources of particulates, jets and rockets, are, and are meant to be complementary. [17, p. 72].

What then is in jet fuels? We have some data, but some jet fuels or some constituents of jets fuels are classified for so-called security or proprietary reasons. Thus, the table below, while providing some information is *not* complete and, I would add, *not necessarily accurate*. There have been two major and recent shifts in jet fuel usage in NATO countries. Between 1988 and 1996 all military and later civilian aircraft in NATO countries shifted from gasoline JP5 fuel to kerosene/diesel JP8 fuel. As the chart below shows, the latter has *greatly increased* amounts of particulates such as aluminium, barium, calcium, titanium, strontium, etc. It was about this time also that the first reports of chemtrails began appearing. Also, it is from about this time that pervasive, excessive and unsafe amounts of these metal particulates were showing up in air, water, soil and plant samples in many countries. (See below for details.) The decision to switch from gasoline to the far more polluting diesel fuel was taken by a small group of twelve, unknown men, the NATO Pipeline Committee. Another change of fuel, due to the same anonymous group, occurred in 2013-4 where all the military and civilian aircraft of the NATO countries were to use the same fuel, Jet A with additives. The US Department of Defence or DOD in the US is the primary holder of this fuel, having bought in 2013 alone 73 million barrels at a cost of 12 billion. They can determine what's in the fuel, add to it, and disclose, or not disclose, what is in the fuel. [10]. In sum, the constituents of Jet A fuel, including its additives, is basically unknown and decided by a small unknown group of 12 men.

Table ES-1. Elements detected in jet fuel.

Element	Jet A (ppb)	JP5* (ppb)	JP8 (ppb)
Aluminum	ND	2144	9360
Barium	3	9	38
Calcium	555	5256	31120
Chromium	26	9	18
Copper	5	82	6
Iron	210	210	1144
Lead	11	5	10
Magnesium	ND	1056	5840
Manganese	6	10	25
Nickel	ND	6	6
Niobium	ND	ND	2
Potassium	ND	118	207
Scandium	11	12	11
Selenium	ND	ND	21
Strontium	12	70	351
Sulfur	1220	450	1690
Tin	10	48	102
Titanium	100	35	1056
Vanadium	ND	3	18
Zirconium	16	14	39

\*JP5 values shown are the higher of two JP5 sample values.  
 ND = No Detect

I would add that in the above chart the letters ND do not mean that the metal or chemical in question is not detected as part of the fuel, but more accurately Not Disclosed (ND) to anyone.

Astoundingly, there is no official testing of the pollution emitted by jet aircraft in the US. Officially, no-one is taking direct examples of the chemtrails, not even the government's Environmental Protection Authority! (What is the situation in Australia? The same I would suggest.) What an easy way to clear up the chemtrail controversy and put an end to the protests of conspiracy 'theorists' by taking some direct samples? One exception here is the detection of sulphuric acid in jet fuel. [17, p. 60]. It is either practically very difficult, or is generally not legally allowed, for civilians to collect chemtrail samples, especially of military planes. However, soil, rain, water, snow, plant, insect and animal testing/samples, mainly from the US, but also from other countries like Australia, Germany and Canada, have or are now showing extraordinarily high, widespread, and steeply increasing amounts of these metals, chemicals and other particulates which are also found in jet fuel. Some of the samples showing these high levels of metals etc. are from *pristine* environments where the metals etc. should not be present. Here are some examples.

In the pristine environment of Mt Shasta, California, the normal amount of aluminium is 0.5 microgram per litre of water. However, testing is now finding 12,000 micrograms in pond water and 61,000 micrograms in snow at 8,000 feet—122,000 times over the normal level. Since these toxic metals are in the snow, they can only come from the air. [21]. Longitudinal (over time) data analysed by the independent researcher Rosiland Peterson showed that in the 1990s across the *entire* state of California there had been *uniform* and *inordinate* spikes of various metals (aluminium, barium, manganese, arsenic, etc.) in *all* drinking water sources at the *same time*. Prior to this, the same records showed *none* of these metal contaminants, nor that they were spiking. The data used here was the official data collected by the Environmental Protection Authority (EPA). [6]. The widespread nature of these inordinate spikes in metal contamination levels across the *whole* state was clear evidence of the *aerial* spraying of these metals. Accordingly, air tests, based on official data from the California Air Resources Board, also showed high levels of these metals which *correlated* with those found in the testing of the water supply. By 2001 reactive barium levels had nearly doubled in California, despite the fact that known barium pollution sources had vanished. In Louisiana in 2008

precipitate barium was six times above the toxic level set by the EPA. In Arizona in 2010 air particulates of aluminium and barium were 5.3 and 15.8 times respectively above the toxic level. Aluminium, strontium and barium are also causing increasing alkalinity of the soil of up to 10 to 12 times above what is normal. Likewise, acid/alkaline tests on rainfall have shown abnormal readings. Independent researcher Clifford Carnicom has confirmed that barium in the atmosphere (in the US) is now eight times above the level deemed safe to breathe. [17, p. 66]. As far back as 1998 the Ontario Ministry of Environment (Canada) found seven times the safe limit for aluminium in its rainwater samples. [17, p. 42]. Levels of aluminium, barium, arsenic, zinc, strontium, etc. hundreds or thousands of times above what is safe have also been revealed in Australian rainwater. [16, p. 141]. It must be noted that although aluminium naturally occurs in our environment, it always does so in a *combined* form, and *not* in the *free* form in which it is being found in the above testing. [21].

There are yet further forms of corroborating evidence for SAI. A procedure called spectroscopy—which uses light absorption and radiation data where differences indicate different metals—has confirmed that since the year 2000 metal particulates like barium salt compounds have been introduced into the atmosphere on a *massive* scale. Also, sensitive air filters have been collecting, revealing and recording extraordinarily high samples of metals and other particulates. These collections show that the metal particulates are of the nanometre or micron/micrometre level. One nanometre is one billionth (1/1,000,000,000) of a metre. One micron or one micrometre is one millionth (1/1,000,000) of a metre. To put this into perspective, a human hair is 60-100 microns in diameter. Something of a micron size is therefore microscopic. Meteorological studies, visibility standards studies, and irregularities in radar operation have also confirmed the spraying of the atmosphere with particulates. Measurements have also found that the amount of sunlight reaching the Earth's surface has now decreased by around 20%, something which will inevitably lead to decreased crops and plant growth, increased moulds, and decreased health. (Other forms of evidence for SAI are detailed below.)

Stratospheric Aerosol Injection or SAI is in the process of being sold to the public on the ground that it is needed to reduce the atmospheric heat supposedly caused by global warming. The basic proposition is that by spraying particulates into the atmosphere two key processes will occur to reduce atmospheric heating. First, reflective metal particulates such as aluminium will reflect back some of the sunlight coming toward the Earth. Second, but far less advertised, is that the cloud cover (cirrus chemtrails) caused by water condensation around the particulates will also shield the Earth from sunlight. However, SAI leading to solar radiation management (SRM) *actually heats the atmosphere*. First, the vast majority of substances used in aerosols, soot and the metal particulates, actually *increase* the heat in the lower atmosphere because they *absorb* and radiate heat. Introducing particulate forms of aluminium, barium, magnesium, titanium, calcium and soot into the atmosphere will have a net effect of heating the atmosphere as a consequence of their *specific heat* values which can be found in any proper reference book. (Specific heat is the amount of heat required to flow into a substance to produce a one degree rise in temperature. A substance with a lower specific heat will rise in temperature with a given amount of heat more than a substance with a higher specific heat.) Accordingly, the independent scientist and researcher Clifford Carnicom has stated: 'Any claim that the aerosol operations represent a mitigating influence on the global warming problem appears to be a complete façade that is in direct contradiction of the fundamental principles of physics and thermodynamics.' [17, p. 25].

The situation is yet worse. Two studies in 2001 and 2008 showed that artificial cirrus chemtrails clouds actually *trapped heat* in the lower atmosphere, indeed as much as 5,000 times above the IPCC estimates. 'Contrails formed by aircraft can evolve into cirrus clouds indistinguishable from those formed naturally. These 'spreading contrails' may be causing more climate warming today than all the carbon dioxide emitted by aircraft since the start of aviation.' [17, p. 57, 73].<sup>1</sup>

In addition to increased atmospheric heating some particulates like aluminium oxide absorb moisture from the atmosphere. Why? Metal oxides are metallic salts which attract water vapour. Further, the tiny

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<sup>1</sup> (Boucher, O. *Atmospheric Science: Seeing Through Contrails*. *Nature Climate Change* 1, 24-25 (2011).

nanoparticles of these metal oxides are smaller than the particles of dust and salt that normally cause condensation leading to clouds. What this means is that the water vapour drops forming around these metal particulates do not become big enough to cause normal cloud condensation and result in rain. Instead, we are left with clouds or haze in the sky which either moves away or eventually evaporates. (We may note here in passing that man-made air pollution has long created concentrations of small particles in the air which have caused the same problem as just described and therefore have long interfered with Earth's natural hydrologic or water cycle.) Further still, by reducing sunlight, the aerosols released in SAI also reduce evaporation and, in turn, rainfall. There has been a worldwide decrease in sunlight reaching the Earth's surface of 17% since 1990. [24]. Overall, SAI means increased atmospheric heating, less rain and more drought—hardly a remediation of the negative effects of any supposed global warming. [21]. However, as we shall see in due course, the *real* purposes of SAI do *not* include amelioration of global warming.

There is now a massive hole in the ozone layer in the northern hemisphere, in addition to the one in the southern hemisphere which we have long heard about. There is mounting evidence to conclude that it is the increase in particulates from SAI that is depleting the ozone layer. One result is that increased harmful UV light is reaching Earth. This is one reason why the sun has more bite or sting in it than in the past. [21].

Before proceeding, I would like to answer two possible objections to the claim that SAI is occurring. The cost of such a project is massive: the cost of producing the various chemicals, particulates and polymers being released into the air; the cost of their research and development; the cost of ongoing research to monitor the effects of these aerosols on military operations, on the environment, and on people; and the cost of spraying these aerosols. It may be objected that SAI is simply too costly to be tenable. First, as discussed above, the aerosols are added to the jet fuel of military and civilian jets. Thus, the cost is borne by the military, with its huge budget, and by civilian airlines in their purchase of fuel—of course the cost is then passed onto us—paying for our spraying. Second, in the US, massive amounts of money have gone missing from the Pentagon budget. You may remember the then Defence Secretary Donald Rumsfeld announcing in 2001 that 2.3 trillion had gone missing from this budget. It just so happened that this announcement was on the day before 9/11 and so was conveniently forgotten. However, between 1996 and 2015 an estimated 21 trillion had gone missing from the Pentagon budget in 'unaccountable expenditures'. These missing trillions were identified by Professor Mark Skidmore of Michigan State University and Catherine Austin-Fitts using the US governments own reports. We also know that US intelligence agencies have a long history of financing operations through black budgets and also illegal criminal activities, in particular peddling drugs on a massive scale. For example, in 1982 high-ranking US politicians, intelligence and military officials were found to be selling arms to the Contra rebels in Honduras in their fight against the Sandanista regime in Nicaragua, and in return, receiving cocaine which they then distributed in the US. There were a number of convictions and unfortunately, Presidential pardons, of the perpetrators. Again, the US and NATO is actually *overseeing* the export of heroin from Afghanistan which the UN Drug Agency states now accounts for supplying 93 percent of the world market. Books covering some of this criminal activity are *Dark Alliance* by Gary Webb, and *The CIA As Organised Crime* by Douglas Valentine.

Another objection to SAI is that the people involved are harming themselves, their families and their friends. There are several answers. First, the military and scientific community, especially in the US and Russia have a long-history of conducting experiments which are harmful to the general population. The one with which we are most familiar is the testing of atomic weapons. Some 2,000 atomic bombs have been tested underground, in the sea, on land and in space, thereby poisoning the entire planet. In his video presentation entitled *Geoengineering, Weather Modification and Weaponizing Nature*, Jim Lee sets out a full documented history of weather modification in the US, beginning in the 1940s and growing with increasing force since then. Many of these experiments knowingly caused harm to large numbers of people in both the US and other countries. Next, it is important to note that military, intelligence and government organisations use a process of compartmentalisation. This means that the people involved in operations are given only the minimum amount of information required to complete their respective parts of the operation, and they remain more or less unaware of the full implications, and larger picture, of what they are doing. Finally, we know that many people will sell their own soul for money, status and power—it has always been this way.

Studies repeatedly find that 1% to 4% of the population are sociopathic, that is, basically without a conscience, with the percentage being higher in some professions and sections of the community. It is important to remember that superficially sociopaths present quite well, as relatively normal citizens. They sound plausible; but they are pathological liars; something made far easier by their lack of conscience. It is important, very important, *to judge people in power by what they do, and the consequences of what they do, rather than what they say.* ('By their fruits you will know them.') If for example, despite the rhetoric about weapons of mass destruction, you have a US administration, namely the George Bush Junior administration, being responsible for the deaths of an estimated one million Iraqi people (and counting), where Iraq has been left in continual turmoil, and where its resources are now being plundered by US and transnational companies—the sociopathological nature of boy Bush and his cronies like Dick Cheney (vice-president), Donald Rumsfeld (defence secretary), Paul Wolfowitz (deputy secretary of defence), Richard Armitage (deputy secretary of state) and Richard Perle (Pentagon advisor) should be clear enough.

As previously mentioned, there is a long history of geo-engineering or weather modification projects in the US. Here are some examples which, in part, corroborate some of the points in the preceding paragraph. In 2012 an investigation by Lisa Martino-Taylor revealed how in the 1950s and 1960s the US military had sprayed zinc cadmium sulphide on the population in St Louis to study the subsequent health effects. An estimated 70% of those targeted were children under 12 years. This chemical compound when breathed in can cause kidney disease and cancer. Senate hearings in 1977 revealed that biological agents were purposely released in similar experiments in a list of cities between 1949 and 1969 including San Francisco, Washington DC, Minneapolis and St Louis. Likewise bacteria have been released in subway systems in New York and Chicago to test their effect. [24].

Having addressed these two possible objections, let us now turn to considering some of the adverse health and environmental effects of SAI. Soot, aluminium oxide, barium, strontium, titanium, lithium, sulphuric acid, arsenic and the like are highly toxic, but, the effects on human health of spraying them *into the atmosphere* have *not* been *officially* researched. In 2010 David Keith, a geo-engineer at the forefront of advertising and promoting weather modification through SAI, stated that there is no research on the mass dumping of aluminium, 10-20 mega-tonnes per annum, into the atmosphere: "We haven't done anything serious about aluminium and so there could be something terrible that we haven't looked at that we find tomorrow." [3]. Of course, Keith and his colleagues deny that SAI is occurring at present. However, the basic outcome of spraying aluminium and metal particulates of a nanometre or micron scale into the atmosphere is clear enough. Aluminium oxide cannot be readily flushed out of the body by its normal systems. Thus, it accumulates in the body and brain causing neurological damage via inflammation. In particular, the micron or nano-sized particles of the aerosol being sprayed have the capacity to both compromise and pass through the blood brain barrier and enter from the blood into the brain. [17, p. 50]. Increased levels of aluminium in the brain are associated with and quite clearly causative of dementia and other neurological disorders including Alzheimer's dementia, Autism Spectrum Disorder (ASD), Multiple Sclerosis, and Parkinson's Disease. Currently, 1 in 3 people in this US over 65 are now dying with (not necessarily because of) Alzheimer's or dementia, and the rate has been increasingly rapidly. Death from Alzheimer's disease has increased in the US by 68% since 2000. It is the fifth leading cause of death among the elderly. Currently 1 in approximately 50 children in the US have ASD, up from 1 in 10,000 in 1990. [25 p. 38]. Professor Christopher Exley, Keele University, is the world's *leading* researcher in the area of aluminium and health; he and his teams have published over 200 papers in this area over 35 years. His research has conclusively shown aluminium to be a cause of dementia.[27].

Nanoparticles of aluminium and barium are unfriendly to life and health and high concentrations strip the body of potassium, suppress the human immune system by deactivating T-cell receptors and preventing them from resisting disease, cause difficulty with breathing and chest pains, increase blood pressure, cause heart arrhythmias, stomach irritation, brain swelling, changes in nerve reflexes, muscle weakness, and damage the liver, kidneys, heart and spleen. [24; 16, p. 146.] Nanoparticles kill macrophages—the immune cells in the lungs responsible for attacking infections—and thus increase lung inflammation. Also, nanoparticles settle into the lungs and damage their function. [17, p. 60].

Nanotechnology basically involves engineering on the molecular level. Because of the novel arrangement of atoms in the molecules of nanoparticles, and due to the fact that the laws of physics and chemistry behave differently at such a micro scale, and further, because nano-particles involve not just classical physics but the uncharted world of quantum physics, we find that nanoparticles display *unpredictable* properties regarding toxicity and reactivity. This means that we cannot know of all the negative health effects of such particles being released in massive quantities into the atmosphere. [17, p. 103-5]. This risk is heightened by the fact that nanoparticles readily penetrate the skin and invade underlying blood vessels, circulating to produce toxic effects. [17, p. 109]. Some of the nanoparticles being sprayed have an *artificially made* crystalline structure, something which assists with the various electromagnetic military operations which these particles facilitate (discussed below). This crystalline structure has various negative health implications such as damaging the nervous system, in particular disrupting electrical transmission in the nervous system and DNA structure. They also make the body more responsive to artificial electro-magnetic fields. [17, p. 71]. Here, we must remember, that fundamentally, the human body is a manifestation of electromagnetic fields, the sum total of which is known as the quantum field; and that all particles in the body are charged particles, and therefore, electromagnetic fields will affect these charged particles which, in turn, determine the chemical reactions in the body.

In light of the preceding, it is not surprising that a number of immediate and longer-term adverse health effects have been more or less clearly linked with inhaling the witches brew contained in SAI. Common short-term effects include: sinus pain, nose bleeds, dizziness, confusion, depression, anxiety, fatigue, cracking joints, blurred vision, respiratory problems, heart fibrillation, memory loss, dry cough, itching and tinnitus. Longer-term effects which have been linked to SAI include: respiratory problems including lung cancer, bronchitis, asthma, emphysema; neurological problems such as ASD, Parkinson's, dementia; and systemic problems such as diabetes, skin disorders, flu-like symptoms, migraines and arthritis. [25 p. 37].

There has been a mass extinction of bees around the world. Studies have shown high levels of aluminium to be present in their brains. But, not to worry for Monsanto (now taken over by Bayer) is busy creating (genetically engineering) aluminium resistant plants, crops, foods and bees i.e. genetically modified organisms. Why is that we may ask? Monsanto has already given us Agent Orange, DDT, Roundup/Glyphosate and polychlorinated biphenyls or PCBs. Incidentally, Bill Gates is funding and investing in a number of geo-engineering companies and research projects, including various geo-engineering patents. Bill also has investments in Monsanto—some 500,000 shares.

Aluminium also sterilizes the soil killing off micro-organisms which means that the soil cannot properly sustain plants. [25 p. 41].

Unfortunately, metal particulates and chemicals are not the only things raining down upon us through SAI. Air filters and water distillation processes have also found artificial polymers containing, or to which are attached, genetically engineered filaments containing, in turn, genetically engineered biological pathogens. These pathogens cause what has become known as Morgellons disease. Morgellons is a disease characterised by skin lesions, that often appear like moderate to severe acne, where the lesions do not heal, and often contain chemical and heat resistant self-replicating, fibre-like strands. When an attempt is made to remove these strands they will withdraw or resist. Other symptoms include crawling, stinging and biting sensations of the skin, extreme fatigue, severe mental confusion, short term memory loss, joint pain, sharp decline in vision, extreme itchiness, and serious neurological disorders. There is erythrocyte or red blood cell degradation occurring in Morgellons disease, where the degree of red blood cell degradation matches the severity of the Morgellons condition. [16, 24].

In chapter eight of her work *Chemtrails, HAARP, and the Full Spectrum Dominance of Planet Earth* Elana Freeland discusses Morgellons Disease and, in particular, the work of Clifford Carnicom in this area. Carnicom is an *independent* American scientist, and has been conducting pioneering research on Morgellons since the late 1990s when the condition first became apparent. Unfortunately, he has not been able to get his

research independently investigated and tested despite his requests to a number of major regulatory bodies in the US including the Centre for Disease Control, the Environmental Protection Authority (EPA), and a host of politicians. This is not because his research is poor and his requests are unprofessional: he is eminently experienced and qualified, and no less than some 127 governmental institutions and major organisations have visited his website, many on multiple occasions, to read his latest research findings. The problem is that SAI, of which Morgellons is a part, is an official secret in the US and indeed most other countries. Since 1999 the EPA in the US has been given samples of the Morgellons' fibres, and received thousands of petitions alerting it to Morgellons. But the official position of the EPA is that it is unaware of any aerosol applications of chemical and biological substances by aircraft which would adversely affect the health of the population. In the US in particular governmental authorities like the EPA have been inundated with complaints, queries and requests regarding SAI. The EPA could easily resolve the matter of whether or not we are being sprayed, and with what, by taking direct air samples of chemtrails, analysing them and publishing the results, and/or by allowing independent organisations to do the same. However, this is not being done for it would expose what is occurring. Jim Lee, an independent investigative researcher in the US at the forefront of exposing geo-engineering, made clear in his 2015 address to the EPA that there is no testing by this agency of what comes out of jet exhausts.

What has Carnicom found? Elana Freeland summarises his research in chapter eight of her aforementioned work. (Much more information can be found at [www.carnicom.com](http://www.carnicom.com)) Using a range of different types of test, no less than 36, extending over a period of 18 plus years, Carnicom has found the following. The Morgellons fibres are 0.5-0.7 micron in width, and made of a fungus like material. Inside the fibres, and also found intra-cellularly, primarily in blood samples, are cross-domain organisms; cross-domain because they cross the naturally occurring biological domains of bacteria, archaea and eukarya. These domains do *not* cross naturally. This means that these organisms are *engineered*. These organisms are spherical or oblate structures of 0.5 to 0.7 micron. These structures are the precursors of the other forms in which these cross-domain organisms are found. Carnicom believes that this organism is the cause of the Morgellons symptoms. Also found within the fibres are *artificially* made or modified red blood cells. These red blood cells also contained the cross-domain organisms (with a spherical or oblate structure) which cause Morgellons. Amazingly, the fibres are resistant to *all* chemical and heat extremes—not burning until 1700 degrees Fahrenheit! The blood cells of Morgellons suffers are damaged, and the damage to blood cells corresponds to the number of cross-domain organisms in contact with or adjacent to the blood cells. The cross-domain organisms damage red blood cells because they penetrate them and eat ferrous iron. In turn, this reduces the capacity of the blood to bind with oxygen which we need for cellular respiration. This in turn increases free radicals and the acidity in which Morgellons thrives—a negative cycle ensues. Carnicom found that Morgellons was extensive throughout the body including the circulatory, digestive and urinary systems. Also, population sampling shows that Morgellons is widespread throughout the US (at least), and is present even when people show no visible symptoms.

Where does Morgellons come from? Using air particulate filters and high-altitude air samples Carnicom found and collected polymer filaments among the contents of the aerosols/particulates being sprayed. (Polymers are large molecules composed of smaller repeating ones.) Piggybacking on the polymers were smaller filaments of 0.5 0.7 in size. In 2000 he found freeze-dried or desiccated red and white blood cells (and unidentified types) bound within these filaments. Later in 2009 he found that these red blood cells were *artificially* made or modified, and that they contained the cross-domain organisms (with a spherical or oblate structure) which cause Morgellons. He cultured the filaments of Morgellons suffers and compared them to cultures of the filaments found in the aerosol spraying. Repeatedly, the two cultures have been shown to match down to the DNA. This means that among the particulates being sprayed in SAI are Morgellons fibres and organisms which are then being inhaled and absorbed by people.

Sophia Smallstorm in the video *Weather-War Big Picture: Geo-Engineering and Bio-Engineering – V.1* also makes the following observations regarding Morgellons. Morgellons sufferers find that the fibres growing outside the skin may produce crystalline plaques, shards and dots, and also metallic devices form. These growths are now being compared to and found to be the *same* as various forms of engineered

nanotechnology. One such person who is doing this comparison work is Jan Smith, a Morgellons sufferer. (Her website is Morgellonsexposed.com.) Smith has found that the fibres from her skin are man-made high-density polyethylene. She has also found fibres made of GNA which is a man-made or synthetic form of DNA. The production of GNA was first revealed in 2008. The industry states that GNA has the capacity to form mirror like structures of itself i.e. self-replication. Also stated by the industry is that GNA contains various polymers and gold nano-particles. Jan Smith has found that when the fibres from her body were subjected to great heat they indeed produced a drop or bead of gold. Smith has also found nano-arrays used for DNA hybridization. She has found nano-crystalline structures which in turn are found to be semi-conductors made of heavy metals surrounded by an organic shell. The industry states that these crystalline structures have ‘unprecedented tunability’. This means that they are piezo electric where an outside electromagnetic frequency can produce a voltage or electric current in the nano-crystal and vice versa. DNA also works in this way. What this means is that the nano-crystalline structures can be exposed to an external electromagnetic field and they will produce electric currents in the body of the person. These currents will have numerous effects including interference with cellular processes and communication. Experiments by Carnicom have shown that subjecting Morgellons fibres to certain electric currents has also resulted in their explosive growth and proliferation.

By way of passing we may note that in 2010 the J. Craig Venter Institute announced that ‘the first self-replicating, synthetic bacterial cell had been developed.’

In sum, Morgellons exists as extremely chemically and heat resistant, self-replicating, micron-sized fibres which contain cross-domain organisms with a spherical or oblate structure. These fibres also contained engineered red blood cells, again containing these organisms. These organisms are also found in the blood where they attack the red blood cells by eating their ferrous iron content, thus degrading the body. The origin of Morgellons is SAI where the SAI particulates have been shown to include the Morgellons fibres and organisms. Morgellons is biologically *engineered*—the artificial red blood cells and the chemical and heat resistant strands alone testify to this fact—and it is being sprayed into the atmosphere as part of SAI. The obvious conclusion is that the people behind the SAI are clearly experimenting on, and attempting to reduce the health and longevity of, the human population. The attempt or actuality of reducing the health and longevity of the population is also clearly apparent in the adverse health impact of breathing in and ingesting the witches brew of particulates contained in SAI—a number of these effects were described or listed earlier. The reduction of the health and number of the human population is one of the *actual* purposes of SAI. Let’s look at some others.

SAI or chemtrails are part of a much wider project aimed at changing the Earth’s atmosphere for a number of related and overlapping operations and purposes, namely: 1) the large scale modification of the weather, or what is called geo-engineering, especially for military, political and economic purposes 2) to enable and enhance new communications, weapons, surveillance and radar systems/technology, especially for military and intelligence purposes. Before we look at the relationship between chemtrails and these areas it is first necessary to discuss HAARP.

From the 1970s onwards a new type of electromagnetic technology has been developed, predominantly and initially by the US and Russia. Its common name is HAARP. The name originated from the most well-known example of this technology called the High Frequency Active Auroral Research Project (HAARP). The first HAARP that came to general public attention was located in Gakona, Alaska—there were other forms of HAARP prior to this. Many countries around the world now possess HAARP or related technology including Australia, where locations or possible locations include: the Jindalee Operational Radar Network (JORN), Laverton, WA; JORN 2, Long Reach, Qld; at Leonora; Alice Springs, NT; and Harold E. Holt Communication Station, Exmouth, WA. (See the short video *HAARP Facilities Locations In Australia* and also *HAARP In Action Over Australia Gold Coast Astonishing Views*).

Basically, HAARP is a piece of technology which employs a phased-array of antennas to focus a beam of radio frequency electromagnetic energy into a part of the atmosphere called the ionosphere. The ionosphere, which is located 50-80km above the Earth, is made of plasma. Plasma is a gas containing charged particles,

namely, free electrons—negatively charged—and ions, which are atoms which have lost or gained one or more electron. Plasma is an electrically neutral medium which makes it a good conductor. Using a focused beam of radio frequency radiation of 2.8 to 10 MegaHertz/MHz, but with an effective capacity of up to 3.6 to 5 GigaWatts/Gw—HAARPs with much greater capacity are being developed—HAARP beams electromagnetic energy to heat up a ‘spot’ on the ionosphere. Hence, HAARP is also called an ionospheric heater. This heating increases the plasma content in the ionosphere—a process called ionisation. This plasma area can then be manipulated and steered, often in conjunction with another HAARP, to achieve a number of often related and overlapping geo-engineering, intelligence, military, economic and political ends. What follows are *some* examples of the vast array of operations that HAARP performs to achieve these ends.

HAARP can also be used to propagate energy through the ionosphere (and the even higher magnetosphere) and return it back to earth at various points as very low frequency waves (VLF) or extremely low frequency waves (ELF) or ultra-low frequency waves (from 0.001 Hz to 20,000 kHz) of electromagnetic radiation. These waves can be used for a variety of purposes such as communication with submarines or tomography which is basically X-raying the Earth to see what lies below the surface. Electromagnetic radiation can be bounced off the plasma spot, or plasma mirror, in the ionosphere for over the horizon radar. When HAARP heats a plasma area in the ionosphere it is raised outward (up to several hundred kilometres) which drags up the lower atmosphere below it thereby creating a high-pressure zone in the atmosphere below. Additional HAARPs can be used to create additional pressures zones. The HAARPs can then be steered to shift these pressure zones to in turn affect the Earth’s weather. For example, winds, storms and hurricanes can be developed; lower and high-pressure systems can be induced and steered to produce drought, rain or floods; and the jet streams—strong air currents which encircle the globe—can be manipulated to in turn manipulate the weather. The electromagnetic operations made possible by HAARP can also be used to facilitate and interrupt electronic and electromagnetic communications, for weapons guidance, and for shielding against and destruction of missiles. HAARP can also be used as a directed energy weapon (DEW). This can take the form of disintegrating structures using ELF or VLF or by creating an immensely powerful lightning-like strike at a location. HAARP can change the pressure in the atmosphere in an area of lower earth orbit, satellites which encounter this sudden change in pressure are destroyed. HAARP can also be used, and has arguably been used, to penetrate the ground and create major earthquakes. The US Secretary of Defence William Cohen said on April 28, 1997 that “Others are engaging even in an eco-type of terrorism whereby they can alter the climate, set off earthquakes, volcanoes remotely through the use of electromagnetic waves.” He was talking about HAARP—and of course the US is doing it too.

HAARP can also be used for mass *psychological* control. HAARP can be used to produce ELF and VLF of 3-30 hertz. It just so happens that the human brain and body also has its own electromagnetic field which works in this range, specifically, around 4-13 hertz. When we are beamed with electromagnetic energy, our own electromagnetic fields are entrained, that is, they tend to synchronise with the incoming energy. As a result, our psychological and physical states are influenced.

To operate and to be most effective HAARP, and indeed other forms of technology using electromagnetic energy, usually radiofrequency waves, need a *conductive lower* atmosphere. The lower atmosphere is not normally that conductive. How do we make it conductive? One way is to fill it with metallic particles. This is being done with SAI and it is one of the main reasons for SAI. Another way to make the lower atmosphere more conductive is to increase its levels of ions (atoms that have lost or acquired an electron) and free electrons, which is the same as saying, to increase the plasma level of the lower atmosphere. How this is done is as follows.

The HAARP electromagnetic current, or radio frequency current, heats the ionosphere; the metal particulates which have been released into the ionosphere (in this case by rockets) assist with this heating process (both by conducting the electromagnetic current, and by absorbing heat). The heating process excites atoms in the ionosphere causing them to eject free electrons. This results in an area of ionization or plasma in the ionosphere—what is called a plasma mirror. HAARP targets a particular part of the ionosphere, namely a geomagnetic line which connects the ionosphere to the Earth. Electrons naturally

move along this geomagnetic line between the Earth and the ionosphere. HAARP's operation *traps* electrons so that they now bounce back and forth along this line between the Earth and the plasma spot or mirror that HAARP has created. The heating process of the plasma spot (or mirror) by HAARP *also increases* the electrons flowing down this geomagnetic line. These increased free electrons ionise the *lower* atmosphere, that is, increase its plasma level. The ionisation of the Earth's lower atmosphere, or increase in plasma, occurs in a second manner. The metal particulates in the Earth's atmosphere, released through SAI, make it more conductive of electromagnetic radiation. This conductivity leads to the *heating* of surrounding atoms in the atmosphere. In turn, this causes the heated atoms to become excited and eject their electrons, which is the process of ionization or plasma production. As stated, plasma is a good conductor and thus its production in the lower atmosphere *further*—along with metal particulates—increases the electromagnetic conductivity of the lower atmosphere. [16; 17].

Clifford Carnicom has conducted tests which show that the conductivity of the lower atmosphere has in recent years increased between three and 20 times, while that of snowfall and rainfall by two to three times. (These are US measurements.) Also, measurements of electrical activity by Carnicom show that the atmosphere is being used for electromagnetic experiments. [16, p. 140].

In addition to HAARP, there are a range of other electromagnetic technologies and operations which require metal particulates in the atmosphere and ionisation of the atmosphere and in turn the conductivity they provide. "Change electron density [i.e. ionisation] and you can deploy different frequencies for different agendas." [16, p. 68]. Here are some examples. 1) Lasers work by passing an electromagnetic current through a lasting medium of particulates which causes superheating. In turn, this causes electrons to be released from excited atoms to interact with and give extra energy to the electromagnetic current of the laser i.e. laser beam, passing through the medium and the atmosphere. This is the creation of a laser induced plasma channel which is relatively highly conductive. The laser can then deliver a spark or pulse of electricity along the plasma channel which makes it a formidable energy weapon. 2) In the charged lower atmosphere other weapons can deliver high-powered microwaves, or pulsed beams of power, to create charged plasma bursts to destroy or disrupt. 3) The metal particulates in the atmosphere are also capable of being beamed with electromagnetic energy to sustain an electric field or electrostatic force and transmit it—which is to say the atmosphere can be used as virtual or cloud antenna. [16, p. 139, 73]. 4) Metals like barium enhance the conductivity of radar and radio waves. 5) The reflective and refractive capacity of barium particulates also assists HAARP's over the horizon radar. 6) Heat absorbing aerosols can produce increased updraft velocities to alter weather patterns, where this heat can be induced by beams of electromagnetic radiation. 7) NEXRAD, or Next Generation Weather Radar Network, or Doppler Radar, can produce the wind shear necessary to produce tornadoes or super-cells. To produce the wind shear necessary for tornadoes the NEXRAD pulses the metal laden atmosphere with rotation frequencies to produce heated artificial precipitation and frequency activated ice nucleation that causes the funnels which can then be steered. For super cells, like a polar vortex or arctic hurricane, cold and warm air masses are created and made to collide. NEXRAD works at 2,700-3000 MHz using 75,000 watts. There are some 156 NEXRADs or Doppler Radars evenly spread across US to give great control over the weather. Australia has 55 Doppler Radars which basically ring the continent. 8) Plasma orbs and mirrors can be produced in the lower atmosphere to act as receivers and transmitters i.e. transceivers. In particular, these require barium. 9) Barium nanoparticles are also used for holographic displays where HAARP can project images into the sky that look like the real things. 10) The US Navy's Radio Frequency Mission Planner computer program, known as the Variable Terrain Radio Parabolic Equation, propagates radio waves in an ionized barium atmosphere to enable 3D imaging of a battlefield. In sum, a new mode of electromagnetic warfare, surveillance and control has been developed which requires a conductive and ionized lower and upper atmosphere, made possible through the Stratospheric Aerosol Injection of metal and other particulates. [17].

Finally, a whole range of electromagnetic technologies have been developed and are being developed which enable individuals to be individually surveilled, targeted and controlled by inducing physiological, psychological and behavioural responses. The new 5G Smart Grid is part of this technology. This technology also relies in part on a conductive and ionized atmosphere. [17, pp. 287-339].

In 1999 the European Parliament Committee on Foreign Affairs, Security and Defence called for the following: 1) international conventions over (so-called) non-lethal (electromagnetic) weapons 2) an examination of HAARP by an international and independent body 3) for an international ban on all developments of weapons which might enable any form of manipulation of human beings. Part of the report read: “[the Committee] regards the U.S. military ionospheric manipulation system, HAARP, based in Alaska, which is only part of the development and deployment of electromagnetic weaponry for both internal and external security use, as an example of the most serious emerging military threat to the global environment and human health, as it seeks to interfere with the highly sensitive and energetic section of the biosphere for military purposes...and calls on the Commission, Council, and Member States to press the U.S. Government, Russia, and any other state involved in such activities to cease them, leading to a global convention against such weaponry...” [17, p. 61]. Needless to say that the US, Russia, China, Israel, Australia and other countries have not complied.

Regarding the purposes of SAI, last but certainly not least, filtering of the air has shown that among the nanoparticles in aerosols is nano-sized technology or ‘smart-dust’ including MEMS (micro-electro-mechanical sensors or systems) or GEMS (global environmental MEMS), microprocessors (or central processing units of computers), and nanobots (miniature robots). Like the other particulates, these microscopic nano-structures are inhaled and absorbed into the body. In particular we should note that nanoparticles have the capacity to cross the blood brain barrier and enter the brain. Once in the body these pieces of technology can undertake or be used for a variety of purposes. Sensors can measure, record, transmit information about body and brain processes. As such, they are connected with a computer network. The microprocessors in the brain or “neural dust” acts as a brain-computer/machine interface which is able to record and relay what is occurring in the brain. The interface is also able to influence what is happening in the brain by receiving electromagnetic frequencies, ultrasound or light, and convert these frequencies, sound and light into electrical currents in the brain or body to influence physiology and psychology. Obviously this is all part of a surveillance and control network which will eventually include everyone, or nearly everyone, on the planet. [16, 129ff; 17, 101ff; 17].

Sounds great huh? These are the things that governments and the financial-intelligence-military-industrial complex or, more specifically, dark actors within these institutions are doing without the knowledge and informed consent of the people who are living in *supposedly* democratic societies.

**All the above information comes from the following references, where the videos can be found on YouTube.**

1. *The Destruction of Our Atmosphere: Cloud Cover Documentary* (45 minutes. Video giving a concise overview of chemtrails and their part in a larger program to modify the atmosphere for weather control, military operations and other purposes. A good starting point for educating oneself in this area.)
2. *Australian News Report On Chemtrails* (Short video of a media report of chemtrails in Australia.)
3. *What In The World Are They Spraying?* (97 mins. Video which gives a good general introduction to the issues involved with SAI.)
4. *Frankenskies*. (80 mins. A video which again gives a good general introduction to the issues involved with SAI.)
5. *Geo-engineering Whistleblower Ex-Military Kristen Meghan* (21 mins. Video of a presentation by Kirsten Meghan who worked in the US military as a health/environmental protection officer. She discusses her discovery of the chemical spraying program by the military.)

6. *Rosalind Peterson: The Chemtrail Cover-Up* (67 mins. Video featuring Rosalind Peters, now deceased, who did a lot of pioneering research exposing SAI and its nature.)
7. *Geoengineering Weather Modification And The Weaponizing of Nature* (Video of a presentation by Jim Lee exposing the history of weather modification experiments in the US.)
8. [www.climateviewer.com](http://www.climateviewer.com) (The website of Jim Lee an independent researcher of geo-engineering for the last 9 years. Possibly the best website for geo-engineering.)
9. *Chemtrails Explained Biofuels and # Cirrus Clouds Matter* (One hour video by Jim Lee summarising the nature of chemtrails.)
10. *Elana Freeland Jim Lee and NATO Chemtrails* (One hour video of a radio show conversation between two independent investigators at the forefront of geo-engineering research.)
11. *Damning Admissions from Weathermen and A Geoengineer (Dane Wigington)* (5 mins. Vido of Dane Wigington who is another independent researcher at the forefront of the anti-geo-engineering movement in the US.)
12. *Geo-engineering, Weather Warfare And The Collapse of Civilization* (A video providing a more extensive presentation by Dane Wigington on the unfolding catastrophe being caused by geo-engineering.)
13. [www.geoengineeringwatch.org](http://www.geoengineeringwatch.org) (Dane Wigington's website.)
14. [www.carnicom.com](http://www.carnicom.com) (Clifford Carnicom's website. The most experienced and expert independent researcher of Morgellons disease and more generally of the constituents of the aerosols being sprayed. His website has been repeatedly visited by around 130 government, intelligence, military and industrial agencies and corporations.)
15. *Holes in Heaven: HAARP and Advances in Tesla's Technology* (Half-hour video on the nature of HAARP.)
16. *Chemtrails, HAARP, and The Full Spectrum Dominance of Planet Earth*. (Book by Elana Freeland (2014) that synthesizes a vast amount of information pertaining to chemtrails/SAI, HAARP and the wider political, economic and social context in which they are set.)
17. *Under An Ionized Sky: From Chemtrails to Space Fence Lockdown*. (Book by Elana Freeland (2018) (Continuing on with the same theme as her prior book.)
18. [www.elanafreeland.com](http://www.elanafreeland.com) (Elana Freeland's website.)
19. *Technology To Control Our Weather* (One and a half hour video of a presentation by Nick Begich providing an overview of HAARP and its uses.)
20. *HAARP Facilities Locations in Australia* (Short video.)
21. *Global Weather Modification Programs Causing Climate Chaos and Environmental Catastrophe* (Article by Dane Wigington at the website Wake Up World)
22. *Weather-War Big Picture: Geo-Engineering and Bio-Engineering – V.1* (Video. See the second half for a clear, concise presentation on Morgellons by Sophia Smallstorm.)

23. *Atmospheric science: Seeing through contrails* (Article by O. Boucher in *Nature Climate Change* 1, 24–25 (2011).
24. *Perception Deception: Or...It's ALL Bollocks—Yes, ALL of It.* (Book by David Icke, 2013.)
25. *Geoengineering: Planetary Sabotage and Human Extermination.* (Book by Mark M. Rich, 2014.)
26. *Revealed: The Australian Companies Manipulating Our Weather.* (Article by Ethan Nash at *Tott News*, June 25<sup>th</sup> 2018).
27. *Richie Allen Show* (Podcast on 22<sup>nd</sup> January 2002.)

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