

# **An Open Letter to Members of AGU, EGU, and IPCC Alleging Promotion of Fake Science at the Expense of Human and Environmental Health**

and

## **Comments on AGU Draft Geoengineering Position Statement [1]**

by

J. Marvin Herndon (AGU Member No. 10195343; EGU Member No. 144380) ©2017  
Creative Commons License: CC BY-NC-ND 4.0

I have been a member of the American Geophysical Union (AGU) for 45 years. During that time I have published fundamental scientific advances in world-class science journals [2]. In 2011 the AGU established its Task Force on Scientific Ethics and Integrity and invited input from its members. On February 2, 2012, I responded [3] with a fundamental statement on scientific ethics and integrity: **“Scientists are persons of integrity: They stand for what is right. They tell the truth and ensure that the full truth be known. They do not lie.”** In that response I gave specific examples of egregious ethical transgressions by such AGU “luminaries” as Medal of Science awardee Don Anderson. Two weeks later the chairman of that task force, Peter Gleick, resigned in disgrace over his own ethical transgression, nationally reported.

Numerous AGU members along with members of the United Nations’ Intergovernmental Panel on Climate Change (IPCC) and the European Geosciences Union (EGU) have been involved in failing to tell the full truth about climate change. These scientists promote the claim that greenhouse gases, most especially anthropogenic carbon dioxide, are responsible for global warming. They remain silent about the consequences of the daily, near-global aerosol geoengineering that has been taking place since at least the 1990s with growing scope and intensity [4]. Failure to discuss this massive global anthropogenic phenomenon not only negates the validity of these scientists’ assertions about climate change, but, I allege, makes those individuals, and their associated institutions, party to the biggest science scam ever perpetrated. And, as well, party to an activity many may consider to be a crime against humanity and the environment [5].

For 70 years the military interest in controlling the weather has been thoroughly documented [6]. Military experiments advanced from causing rain and snow to inhibiting rainfall by emplacing pollution particles into the atmosphere where clouds form. Eventually, the atmosphere becomes too moisture-laden and torrential rains and storms result. The net effect of the now near-daily, near-global ongoing covert geoengineering activity of emplacing pollution particles into the atmosphere is to contribute to global warming. While some sunlight is reflected back into space by aerosols, the deliberately spread pollution particles also heat the atmosphere and impede heat loss from Earth

[4]. The albedo of snow and ice is lowered by certain particulates when they fall to Earth. There is, furthermore, evidence of a covert operation to deliberately melt ice by dispersing pseudo-cryoconite material [7].

Climate science that does not take into account the ongoing aerosol geoengineering activities can rightly be deemed immoral — by omission, lies are deliberately perpetuated. Such a dishonest effort to understand the climate is like trying to understand and predict ocean tides without considering the existence and gravitational influence of the Moon.

High-ranking and some other members of the AGU, EGU, and IPCC have been grossly remiss in ignoring the ongoing aerosol geoengineering. Not only are their climate-science results corrupted, but those scientists, who are unwilling to consider the evidence for ongoing climate engineering, demonstrate an absence of concern for human and environmental health.

Even without knowing the specific composition of the pollution particulates being sprayed into the air we breathe, some of the potentially adverse effects can be inferred from epidemiological studies of aerosol pollution in the same particle size range. As those studies have shown [8], pollution particles in the size range ( $PM_{2.5}$ ) are associated with Alzheimer's disease [9,10], lung cancer [11], risk for stroke [12], risk for cardiovascular disease [13], lung inflammation and diabetes [14], reduced renal function in older males [15], morbidity and premature mortality [16-18], decreased male fertility [19], low birth weight [20], onset of asthma [21], and increased hospital admissions [22]. Furthermore, forensic investigation results are consistent with coal fly ash, the toxic-nightmare waste product of coal-burning utilities, likely being the main geoengineering aerosol in use world-wide [23-26]. The chemical components of coal fly ash present a range of extremely toxic health hazards to humans and other biota.

Certain members of AGU, EGU and IPCC have deceived the public, either overtly or by ignoring the ongoing aerosol geoengineering. Now, AGU is in the process of establishing a draft "Geoengineering Position Statement" [1] and in accordance with its normal procedure has requested comments from its members via a limited-space web-form. The egregious misrepresentations contained in that draft statement require far more space and evidentiary documentation than can be accommodated by the web form. Hence, my comments on the draft Geoengineering Position Statement are presented here instead, and are available for public disclosure, which may be of benefit in the case of future criminal and/or civil liabilities that arise from past, present, and future geoengineering activities.

No one has the right to poison the air we all breathe, and no one has the right to hide the health risks from the public.

Contributing panel members responsible for the draft Geoengineering Position Statement [1] are the following: David Victor (Chair), Ken Caldeira, Piers Forster, Ben

Kravitz, Marcia McNutt, Joyce Penner, Alan Robock, Naomi Vaughan, and Jennifer Wilcox.

The draft Geoengineering Position Statement is a tainted document that not only fails to tell the truth but is produced by a panel composed of at least two individuals, Ken Caldeira and Marcia McNutt, who, I allege, have a documented track record of acting to deceive the scientific community and the public about the existence of and the adverse human and environmental health consequences of ongoing tropospheric particulate aerosol geoengineering.

The ongoing military aerosol geoengineering program has been conducted without public disclosure. In a 2005 document the U. S. Air Force lied, claiming that such an activity did not exist [27]. There are two disinformation websites, operated by Mick West, whose purpose, I allege, is to deceive the public concerning the aerial spraying. In 2016 Ken Caldeira teamed with non-scientist Mick West and published a paper in *Environmental Research Letters* that deceives the scientific community about the “existence of a secret large-scale atmospheric spraying program” by collecting opinions [28]. I submitted a rebuttal the journal refused to publish [29].

In the early days of Hitler’s Chancellorship his regime secretly murdered “defectives,” but later with support from the scientific community and its false racial science, Hitler was able to make the commission of certain atrocities, such as forced sterilization, legal [30]. The current Geoengineering Position Statement is a disconcerting parallel. There are concerted efforts to make geoengineering legal, but in no instance to my knowledge is the full story being told. The full truth is *not* being told in the AGU’s present draft statement, and the clandestine effort to legalize climate engineering is thereby being advanced.

Women are the bearers and protectors of our species and progeny. What has happened to AGU women? Has any one of them questioned or spoken out about the ongoing aerial particulate geoengineering? Are they deceived, or have they aborted their humanity? At least one female panel member, Marcia McNutt, president of the National Academy of Sciences (NAS), has been made aware of the ongoing geoengineering [31], but by this draft statement, I allege, she clearly intends to deceive the AGU and all those who might be persuaded by the AGU’s Geoengineering Position Statement.

Instead of being a body of scientists who are willing and able to provide independent scientific advice to the U. S. Congress, the National Academy of Sciences, I allege, has been corrupted and coopted to serve a political agenda that may be characterized as tyranny against human populations that involves crimes against humanity [5]. As the adverse health consequences of the current ongoing geoengineering become public, perhaps the legal community will instigate class action lawsuits.

No one has the right to poison the air we breathe and no one has the right to deceive the public of the adverse health risks involved in clandestine geoengineering. Not even the military has this right.

I published three papers in the *Proceedings of the National Academy of Sciences* (PNAS) in 1996 [32], 2001 [33], and 2003 [34]. On April 28, 2016, I submitted a paper to PNAS entitled “New Evidence of Aerosolized Toxins in the Lower Atmosphere”. Instead of the manuscript being sent out for peer review, one NAS member of the PNAS Editorial Board flatly rejected the paper because it “lacked the broad appeal necessary for further consideration by the journal.” My appeal received a similar rejection from another NAS member of the PNAS Editorial Board. Those actions, made without benefit of peer review, I allege, have had the consequence of deceiving the scientific community and the public of the existence of a widespread covert operation that poses potential health risks to virtually all biota on a near-global scale.

Recently, PNAS published a pro-geoengineering Opinion article [35] that like this AGU draft statement failed to mention the ongoing aerial particulate geoengineering. Institutions whose executives/faculty/staff engage in geoengineering governance activities based upon deception and failure to tell the whole truth should, in my view, be debarred from receiving federal grants and contracts.

The draft Geoengineering Position Statement encourages international efforts when in fact the covert aerosol particulate geoengineering is already an international operation that is opposed by millions of people [36] some of whom have filed complaints with their governments [37].

Finally, there have been concerted efforts by disinformation professionals to deceive the public of the health risks involved in tropospheric aerosol geoengineering, including three instances, two successful, where editors of public health journals were pressured to unwarrantedly retract my peer-reviewed *and published* scientific articles warning of the health risks, *without ever allowing me to see and respond to the disinformation* [38].

My reputation has been smeared on disinformation websites. Even my Wikipedia page has been marginalized and falsified. That is perhaps the most revealing evidence of the shameful, deleterious, and, I allege, criminal operation that AGU is being coopted into by its draft Geoengineering Position Statement. As a long-standing AGU member I am appalled. I believe many other members will also be appalled when the truth of this deception comes to light.

Rather than becoming a willing, legally-culpable party to this debacle, the AGU Executive Director/Chief Executive Officer, Christine W. McEntee, should publish my response *in toto* in EOS.

## References

1. <http://www.nuclearplanet.com/agudgs.pdf> From: Landau, E. (2017), Position statement on geoengineering: Call for comments, *Eos*, 98, <https://doi.org/10.1029/2017EO080579>. Published on 24 August 2017.
2. <http://www.nuclearplanet.com/cv2.pdf>
3. <http://www.nuclearplanet.com/aquethics.pdf>
4. Herndon, J.M. Evidence of variable Earth-heat production, global non-anthropogenic climate change, and geoengineered global warming and polar melting. *J. Geog. Environ. Earth Sci. Intn.* **2017**, 10, 16.
5. Sands, P. *East west street: On the origins of "genocide" and "crimes against humanity"*. Knopf: New York, 2016.
6. Fleming, J.R. *Fixing the sky: The checkered history of weather and climate control*. Columbia University Press: New York, 2010.
7. Herndon, J.M. An indication of intentional efforts to cause global warming and glacier melting. *J. Geography Environ. Earth Sci. Int.* **2017**, 9, 1-11.
8. Kampa, M.; Castanas, E. Human health effects of air pollution *Environmental Pollution* **2008**, 151, 362-367.
9. Calderon-Garciduenas, L.; Franko-Lira, M.; Mora-Tiscareno, A.; Medina-Cortina, H.; Torres-Jardon, R.; et al. Early alzheimer's and parkinson's diese pathology in urban children: Friend verses foe response - it's time to face the evidence. *BioMed Research International* **2013**, 32, 650-658.
10. Moulton, P.V.; Yang, W. Air pollution, oxidative stress, and alzheimer's disease. *Journal of Environmental and Public Health* **2012**, 109, 1004-1011.
11. Beeson, W.L.; Abbey, D.E.; Knutsen, S.F. Long-term concentrations of ambient air pollutants and incident lung cancer in california adults: Results from the ashmog study. *Environ. Health Perspect.* **1998**, 106, 813-822.
12. Hong, Y.C.; Lee, J.T.; Kim, H.; Kwon, H.J. Air pollution: A new risk factor in ischemic stroke mortality. *Stroke* **2002**, 33, 2165-2169.
13. Haberzetti, P.; Lee, J.; Duggineni, D.; McCracken, J.; Bolanowski, D.; O'Toole, T.E.; Bhatnagar, A.; Conklin, D., J. Exposure to ambient air fine particulate matter prevents vegf-induced mobilization of endothelial progenitor cells from bone matter. *Environ. Health Perspect.* **2012**, 120, 848-856.

14. Potera, C. Toxicity beyond the lung: Connecting pm2.5, inflammation, and diabetes. *Environ. Health Perspect.* **2014**, *122*, A29.
15. Mehta, A.J.; Zanobetti, A.; Bind, M.-A., C.; Kloog, I.; Koutrakis, P.; Sparrow, D.; Vokonas, P.S.; Schwartz, J.D. Long-term exposure to ambient fine particulate matter and renal function in older men: The va normative aging study. *Environ. Health Perspect.* **2016**, *124*(9), 1353-1360.
16. Dai, L.; Zanobetti, A.; Koutrakis, P.; Schwartz, J.D. Associations of fine particulate matter species with mortality in the united states: A multicity time-series analysis. *Environ. Health Perspect.* **2014**, *122*, 837-842.
17. Dockery, D.W.; Pope, C.A.I.; Xu, X.P.; Spengler, J.D.; Ware, J.H.; et al. An association between air pollution and mortality in six U. S. Cities. *N. Eng. J. Med.* **1993**, *329*, 1753-1759.
18. Pope, C.A.I.; Ezzati, M.; Dockery, D.W. Fine-particulate air pollution and life expectancy in the united states. *N. Eng. J. Med.* **2009**, *360*, 376-386.
19. Pires, A.; de Melo, E.N.; Mauad, T.; Saldiva, P.H.N.; Bueno, H.M.d.S. Pre- and postnatal exposure to ambient levels of urban particulate matter (pm2.5) affects mice spermatogenesis. *Inhalation Toxicology: International Forum for Respiratory Research: DOI: 10.3109/08958378.2011.563508* **2011**, *23*.
20. Ebisu, K.; Bell, M.L. Airborne pm2.5 chemical components and low birth weight in the northeastern and mid-atlantic regions of the united states. *Environ. Health Perspect.* **2012**, *120*, 1746-1752.
21. Tetreault, L.-F.; Doucet, M.; Gamache, P.; Fournier, M.; Brand, A.; Kosatsky, T.; Smargiassi, A. Childhood exposure to ambient air pollutants and the onset of asthma: An administrative cohort study in quebec. *Environ. Health Perspect.* **2016**, *124*(8), 1276.
22. Bell, M.L.; Ebisu, K.; Leaderer, B.P.; Gent, J.F.; Lee, H.J.; Koutrakis, P.; Wang, Y.; Dominici, F.; Peng, R.D. Associations of pm2.5 constituents and sources with hospital admissions: Analysis of four counties in connecticut and massachusetts (USA). *Environ. Health Perspect.* **2014**, *122*, 138-144.
23. Herndon, J.M. Aluminum poisoning of humanity and earth's biota by clandestine geoengineering activity: Implications for india. *Curr. Sci.* **2015**, *108*, 2173-2177.
24. Herndon, J.M. Obtaining evidence of coal fly ash content in weather modification (geoengineering) through analyses of post-aerosol spraying rainwater and solid substances. *Ind. J. Sci. Res. and Tech.* **2016**, *4*, 30-36.

25. Herndon, J.M. Adverse agricultural consequences of weather modification. *AGRIVITA Journal of agricultural science* **2016**, 38, 213-221.
26. Herndon, J.M.; Whiteside, M. Further evidence of coal fly ash utilization in tropospheric geoengineering: Implications on human and environmental health. *J. Geog. Environ. Earth Sci. Intl.* **2017**, 9, 1-8.
27. <http://www.nuclearplanet.com/usaf1.pdf>
28. Shearer, C.; West, M.; Caldeira, K.; Davis, S.J. Quantifying expert consensus against the existence of a secret large-scale atmospheric spraying program. *Environ. Res. Lett.* **2016**, 11(8), p. 084011.
29. [http://www.nuclearplanet.com/Public\\_Deception\\_by\\_Scientists.html](http://www.nuclearplanet.com/Public_Deception_by_Scientists.html)
30. Friedlander, H. *The origins of nazi genocide: From euthanasia to the final solution*. University of North Carolina Press: Chapel Hill, North Carolina, USA, 1995.
31. <http://www.nuclearplanet.com/mcnutt1.pdf>
32. Herndon, J.M. Sub-structure of the inner core of the earth. *Proc. Nat. Acad. Sci. USA* **1996**, 93, 646-648.
33. Hollenbach, D.F.; Herndon, J.M. Deep-earth reactor: Nuclear fission, helium, and the geomagnetic field. *Proc. Nat. Acad. Sci. USA* **2001**, 98, 11085-11090.
34. Herndon, J.M. Nuclear georeactor origin of oceanic basalt  $^3\text{He}/^4\text{He}$ , evidence, and implications. *Proc. Nat. Acad. Sci. USA* **2003**, 100, 3047-3050.
35. Parson, E.A. Opinion: Climate policymakers and assessments must get serious about climate engineering. *Proceedings of the National Academy of Sciences* **2017**, 201713456.
36. <http://www.nuclearplanet.com/websites.pdf>
37. <http://www.guardacielos.org/>
38. <http://www.nuclearplanet.com/explainretractions.pdf>