

## Guillermou

When the 2-year-old Marcy Cornell's little boy could not breathe. On the first day of his recent vacation in Florida, he took him directly to the emergency room. The doctors said that his son had inflammation of the upper respiratory tract "caused by the red tide." The water in Englewood, "smelled foul, and then we noticed a few dead fish floating around," Cornell said. "We all felt like we had bad allergies, like itchy, watery eyes and a cough." Respiratory symptoms have been reported in several Gulf Coast counties, by the Florida Fish and Wildlife Conservation Commission.

This toxic tide of algae is killing the wildlife of the Florida coast, causing an environmental disaster and serious health risk, caused by a single-celled organism called *Karenia brevis*, which causes poisoning by neurotoxic shellfish. The most widespread toxins in these algae, called microcystins, in Lake Okeechobee and people who eat seafood, "get very sick," said Larry Brand, professor of marine biology and ecology at the Rosenstiel School of Marine and Atmospheric Sciences. University of Miami *K. brevis* thrives in salt water. In fresh water, however, there are blue-green algae, which could be any of the thousands of species of cyanobacteria. Brand's current research aims to find out to what extent these toxins also they can aerosolize.

As Dr. Mercola reports, this disaster is caused by organic discharges, agricultural residues, livestock and fish farms, fertilizers from industrial agriculture, plastics, etc. they reach the sea through the rivers and are causing a "sea of rubbish", with a great increase of dead zones due to the phenomenon known as eutrophication, or excessive enrichment of nutrients that triggers the development of algae and decomposing bacteria that consume the water oxygen.

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Exposure to low oxygen levels reduces fish growth, increases susceptibility to disease and causes mortality. To reverse this trend, greenhouse gas emissions must be drastically reduced and the discharges of toxic nutrients to coastal waters reduced. According to a study recently published in the journal Science, the size of oxygen-free zones in the open waters of the ocean has quadrupled since the mid-20th century, while areas with very little oxygen near the coasts have multiplied by 10. In the image, the dead zones of the coastal area (red) and the open ocean (blue) around the world..

[www.durangomas.mx/.../Oceano-2.jpg](http://www.durangomas.mx/.../Oceano-2.jpg)

According to the University of California study, the ocean took a thousand years to recover acceptable oxygen levels since the last time of its scarcity. A change in the ecosystems of the ocean is capable of unleashing enormous effects on the food chain and ultimately harming humanity. Response of seafloor ecosystems to abrupt global climate change

[www.pnas.org/content/pnas/early/2015/03/24/1417130112.full.pdf?with-ds..](http://www.pnas.org/content/pnas/early/2015/03/24/1417130112.full.pdf?with-ds..)

All these tides of algae, is the sad result of the intensive industrial exploitation of the resources of nature, which causes the pollution of the ecosystem and climate change. The earth is threatening and kinetics are warning that a turning point should be sought in order not to end life on the planet and the health of people. A group of 15,000 scientists from 184 countries have warned, for the second time in 25 years, of negative environmental trends that "seriously" threaten human well-being and cause "substantial" and "irreversible" damage to Earth. World Scientists' Warning to Humanity: A Second Notice [academic.oup.com/.../4605229](http://academic.oup.com/.../4605229)

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## Almond

This is not just about health issues and people losing their source of income. it is about losing their culture, traditions and way of life. it looks like some very nice homes were built around the harbor for working class families. A lot of them were probably dependent on the fishing and boating industries. That is all gone now. People adapt very poorly to this sort of change. We have seen this in areas where loggers and moners were no longer able to work. These are people who have grown up around certain industries. Many know little else. We are losing generations of "tribal knowledge" that used to be passed down from one generation to the next. I bet many of these families once hosted events based on seafood they caught themselves. Special recipes and celebrations. Now, all of that is gone.

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## Guillermou

It is a problem of environmental awareness, it is a problem of a disastrous market of goods and services, because of the greed of the great world leaders, including the big corporations. While some win others lose their natural way of life, inequalities grow and the world ecosystem suffers.

In recent decades and especially in recent years, disaster after disaster has hit the world's oceans. Some scientists, politicians and journalists say that this is normal, so as not to alarm people and continue to devastate the ecosystem with the intensive industrial production of contaminated food and products. The red tides that occurred naturally were much smaller than those we see today, much smaller in terms of marine life death, some environmental disasters were not in shape.

The scientist Trevor Platt, a British marine biologist who has traveled to Chile on several occasions for more than 30 years to take samples of the sea and compare it with his studies in other parts of the world. He says that "during my entire career, what I have seen is that, being a local problem, it has become a matter of global interest." It is everywhere, in the tropics, in Norway, in Canada, in Southeast Asia. The use of the ocean as a landfill threaten maritime life worldwide, in addition to global warming and the acidification of the seas:

In the large island of Chiloé, for example, seaweed and crustacean gatherers, artisanal fishermen and people who work in the plants that process wild fish are experiencing massive unemployment, due to the red tide, it is believed to be the country's worst recent environmental crisis , which resulted in the death of whales, squids, salmon, sardines and even birds. This social crisis is a direct result of the environmental catastrophe caused largely by the salmon industry, which has extensive operations in the area.

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## rrealrose

Yo guys and gals, More than culture and wildlife - the property and livelihood damage is huge. Its an end-game scenario for the west coast of Florida and should serve as a cautionary tale of just how ineffective large-scale agricultural practices have become.

This red tide is at least 130 miles of coastline, if not more. It represents MONEY trumping every other activity and livelihood in the neighborhood. You've got BIG Sugar, BIG Ag, and serious political power behind industrial chemical agriculture. The deception is that stuff they are spreading, NPK plant nutrients, herbicides, pesticides are actually absorbed by plants. The reality of broadcast spreading nutrients is Very Little is effectively used - what occurs instead is feeding and breeding bad bacteria in lakes and lagoons up and down the coastline. Then this blue-green slimy algae is drawn towards the gulf, turning into the red tide along the coast. Here's the map at [www.clickorlando.com/water/these-florida-maps-show-where-red-tide-blue..](http://www.clickorlando.com/water/these-florida-maps-show-where-red-tide-blue..)

Last thing I read was there is no end in sight for it either. Sayer Ji has been going on about it for months now on his website, and please keep in mind that Florida has 2 growing seasons, so this is far more dramatic a result due to more nutrient application...

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## moach1

Mother Nature knows how to protect itself, by revenge, which will take different forms like flooding, hurricanes, tsunami, earthquakes...etc. Mother Nature will make US pay for these crimes one way or another.

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## Guillermou

Hi moach. The level of contamination of our planet's waters, including freshwater sources, is so dramatic that the toxic elements have reached the deepest water table due to the remains of pesticides and industrial pollution. The algae use grows in an excessive way and wreak havoc on the environment of the coasts, making it increasingly difficult for the villagers who depend on fishing or artisanal fish farming to survive. This eutrophication has other disastrous consequences, since each plant that dies is deposited in the bottom where, when it decomposes, it generates methane, which contributes to poison the waters more and to break the equilibrium of the ecosystems. We must add deforestation, electronic waste, plastic rivers, and a great environmental pollution. All this, together with a junk food and a sedentary life, is increasing the chronic and degenerative diseases. It is the failure of the human being, it is the degeneration of the planet.

Antarctica itself is melting and a study published on June 13 in the journal Nature shows that thawing is accelerating. The rhythm of that melting of ice sheets has tripled since 2007, according to the latest available data. Between 1992 and 2017, Antarctica lost three trillion tons of ice. That already caused an increase in the level of the oceans of 8 millimeters; 40 percent of that increase occurred during the last five years of the period studied, from 2012 to 2017. Antarctica is not the only contributor to the rise in the level of the oceans; Greenland lost an estimated one trillion tons of ice between 2011 and 2014. And as the ocean heats up, its waters expand and occupy more space, which also raises the sea level. Mass balance of the Antarctic Ice Sheet from 1992 to 2017 (2018)

[www.nature.com/.../s41586-018-0179-y](http://www.nature.com/.../s41586-018-0179-y) [www.theguardian.com/environment/climate-consensus-97-per-cent/2018/may..](http://www.theguardian.com/environment/climate-consensus-97-per-cent/2018/may..)

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## breathoflife

in '81 I was in Naples and there was a big red tide, first really big one. friends took me to see it at night, said it would glow, had a pale light to it, I left immediately, reminded me of datura flowers, death. lots of geezers were walking the beach,newspaper(remember them) said next day that a bunch of them were hospitalized with breathing problems and the day after said three had died. hemp makes the soil naturally more fertile, and bad as the 2018 farm bill is, the version passed by the senate has legalized hemp totally, the house version has not. contact representatives to support hemp for life. makes a delicious tea. makes best rope, doesn't stretch dangerously, like nylon.

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Dear oh Dear, these are such heart sore stories. All around the world it seems. At least in the US you have institutions with sensible people and some practical solutions that can be instituted with the backup of science. In South Africa we had a story in major newspaper this week of THE major water river system being totally messed up by governmental negligence. It is actually the situation all over this beautiful country today. Total neglect by officials who do not seem to be aware, understand or who just cannot understand that human waste cannot just be left to filtrate into small river and waterways untreated. The treatment systems are simply not maintained. This, in a country that really has a natural water scarcity and will always have it by natural design.

One obviously wonders why this situation has developed so seriously. One explanation could be a lack of knowledge, another could be could be an inability to see and think three dimensionally by a large section of the populace or a culture in which a word like " maintenance" has not yet developed., does not exist yet on a large enough scale. Probably a combination of these elements which is leading to a major catastrophe. Our second largest city very almost ran into a situation of absolutely NO water this year, simply because preemptive steps were not taken timorously. The local knowledge is available but because of natural jealousy between, I think, the males of two major groups, those with the know how are shoved aside. We living here arehoping and praying for sobriety otherwise the cradle of man will be totally destroyed ecologically in time. It is already the case in a small landlocked county in Southern Africa called Lesotho. The international community of concerned countries could have a positive influence if they chose too, otherwise a very large natural disaster might, in the end of the day, result in more clarity of thought in this respect but it will probably be at very grate human cost.

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## Almond

A nation that cannot, will not or does not protect and maintain its food supply exists in a precarious situation. Allowing and encouraging the people to produce food should be the highest priority of gov't, except perhaps for national defense. Often, those in power fear losing control by ceding some of that power to persons more knowledgeable than themselves. Yet, in the end, they will lose all if they ignore the basic needs of the people.

There are nations where people have civil rights. There are benevolent governments where people in power understand the need for people to be food self-sufficient. Even under the most cohesive societies and favorable circumstances, the wheels of gov't turn slowly. Fortunately, in a relatively free society, people do not need to be dependent upon gov't. Some of the best help can be found in your own hands. A person needs to contemplate making changes and considering many "what ifs?"... then following up with hard work.

Like many people, I am concerned about what is going on in South Africa. This is a land with many resources and so much potential. Yet opportunities are being wasted due to politics and infighting. If you find yourself in a hole and don't quit digging, you find yourself even deeper in a bad mess. There seems to be an epidemic of craziness everywhere. It is prob not a coincidence that many parts of Venezuela are also without water.

I notice that many Boer farmers are emigrating to the Congo and contributing a lot to that nation. The US needs farmers since so many are elderly. I should talk with my congressman about accepting displaced South African refugees. I expect they would acculturate well and have a strong work ethic. I doubt many would expect a life on welfare or commit crimes. The best and brightest are the first to leave a bad situation because they have opportunities elsewhere. Only deep roots to the land have kept many in South Africa for so long, risking all.

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## Almond

Good leadership in a country is important. Ideally, leaders prepare the people and lead them where they want to go... assuming this is a process for good and not evil. You cannot destroy without having something to offer as a replacement. Otherwise, society resorts to tribal warfare fighting over necessities. A free society depends on a moral people. Starvation encourages "flexible" morality.

We can learn from history. One of the greatest experiments occurred during World War II with the victory gardens. 40% of the domestic food in the US was produced in home gardens and backyards. It shows what people can do with good leadership and motivation.

Another great experiment occurred during the founding of the US. The experiment in aristocracy living off the labor of others failed. It was only when settlers were told that "He who does not work does not eat" that people discovered that they were capable of providing for themselves and even thriving. Admittedly, even those who had never done physical labor before grew up in an era when they had the advantage of most people understanding the rudiments of agriculture.

Unfortunately, settlers did not understand the importance of good water. Many died of fevers because they settled near swamps. Some Indian tribes in the SW US died prematurely and suffered health problems due to arsenic in their water supplies.

That is why we have gone to extra expense to drill a deep well and do more than minimal testing of our water. Water issues were a major concern when we bought land. I witched the location for the well. My husband witched the location. Our well driller's grandson witched a location. A friend came out to help witch a location--he attended water-witching school! We drilled in the spot we were all able to agree upon. We have the only decent well in the neighborhood. :-) Without clean water, filtration would be necessary, but that has many drawbacks.

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Hope you read this aloud. There is not enough time to explain all the dynamics at work here. If one is a Believer, it makes it all the more difficult. There is a lot of good and bad in the situation. A balanced insight is of critical need. If all of us leave here, a situation similar to what has been the state of affairs in Ethiopia is probably the future of the whole of this continent. If the universe was/is created perfectly, there must be perfect solutions. We need to work at that. The world has to work at that. Dr. M " instinctively " became aware of it and look at the results, the influence he has developed. We here can do with outside pressure to assist in balancing the situation until a higher level of consciousness has developed nationally. I feel that is why my group was established here and we need help to resolve this situation, then we might supply a working example to other areas on the globe as this situation and our experience is very intense. Seems even the US is going to need to rethink many social aspects of life in the rather near future. The experience here could be translated internationally if it could be successfully resolved. Faith and very hard work should suffice in the end, with the understanding that the constants in creation are immovable and by implication harsh but pro life.

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K. brevis – the algae affecting Florida – has an interesting response to rising temperature. It thrives in water temperatures up to about 83 degrees, but if it gets much warmer than that, the algae doesn't grow as quickly. However, researchers have found that K. brevis can tolerate higher temperatures and grow faster given more carbon dioxide. Atmospheric carbon dioxide surpassed a concentration of 400 parts per million in 2015 and will continue to rise as society burns more fossil fuel. In a letter published by the journal Environmental Science & Technology, researchers at the University of Florida and the University of North Carolina said that "climate change will severely affect our ability to control blooms, and in some cases could make it near impossible." Global ocean temperature has risen about 2 degrees since 1900. Maximum annual temperature in the eastern Gulf of Mexico has also climbed about 2 degrees since 1977, according to buoy data collected by the National Oceanic and Atmospheric Administration.

[pubs.acs.org/.../acs.est.5b03990](https://pubs.acs.org/.../acs.est.5b03990)

In freshwater such as the Great Lakes, a different kind of "algae" – cyanobacteria – flourishes at warmer temperatures. Combined with fertilizer runoff, red tides due to cyanobacteria have spiraled out of control in recent years, particularly in western Lake Erie. In freshwater cases, the harmful algal bloom doesn't just threaten wildlife, it also threatens the water that people drink and bathe in.

For the eastern United States, 2018 has been the year of floods. Week after week, torrential downpours on saturated ground have pushed rivers and streams beyond their banks. What doesn't get caught in reservoirs or absorbed into the ground eventually reaches the ocean, carrying all of the minerals, pollution and nutrients it picked up along the way. If torrential rain happens to flood regions with heavy agricultural production, the runoff tends to be high in fertilizer – chemical or manure fueling the algae.

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## **datadragon**

Mercury accumulation in algae is what leads to fish mercury accumulation:

[www.nbcnews.com/id/30707671/ns/us\\_news-environment/t/toxic-mercury-sea..](http://www.nbcnews.com/id/30707671/ns/us_news-environment/t/toxic-mercury-sea..)

[news.harvard.edu/gazette/story/2018/02/harvard-study-tracks-methylmerc..](http://news.harvard.edu/gazette/story/2018/02/harvard-study-tracks-methylmerc..)

Harvard tracks mercury sources of seafood

Gracilaria corticata (red algae) readily absorbs mercury.

[www.sciencedirect.com/.../S1878535212000202](http://www.sciencedirect.com/.../S1878535212000202)

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## **rrealrose**

Data Dragon -

Kinda ironic, yes? Two days ago, President Trump just signed a bill deregulating coal burning emissions, leaving it up to individual states to implement controls. You are not saying where the mercury is coming from but well known source is emissions from burning coal for US power plants that have not yet converted to N gas for fuel...

And he owns a string of golf courses, known to carpet fairways and especially those precious short clipped greens with fertilizers and fungicides. Golf courses are well-known as large point-source polluters. Maybe we can send red tide and a slew of dead fish toward his Mar-A-Lago resort, so he may get a clearer picture of ongoing damage?

Ya know, as a leader you gotta wonder why he is not raising awareness and working like crazy to reduce the toxins applied at each of his courses. Then again, as a businessman, the economics of being more environmentally conscious may not yet have reached his inner circle. Maybe, and certainly I wish this ongoing tragedy will eventually seep into their awareness, yes?

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Amalgam is one part. Because of the extreme toxicity of mercury, only ½ gram is required to contaminate a ten acre lake to the extent that a health warning would be issued by the government to not eat the fish. Over half the rivers and lakes in Florida have such health warnings banning or limiting eating of fish, and most other states and four Canadian provinces have similar health warnings.

Wisconsin has fish consumption warnings for over 250 lakes and rivers and Minnesota even more, as part of the total of over 50,000 such lakes with warnings. An average amalgam filling contains over ½ gram of mercury, and the average adult had at least five grams of mercury in fillings (unless most has vaporized). Mercury from dental offices and human waste from people with amalgam fillings has much higher levels and is a major source of mercury in Florida and U.S. waters.

Nationwide, the dental industry is the third largest user of mercury, using over 45 tons of mercury per year, and most of this mercury eventually ends up in the environment. Amalgam from dental offices is by far the largest contributor of mercury into sewers and sewer plants, with mercury from replaced amalgam fillings and crown bases the largest source. One study found dental offices discharge into waste water between 65 and 842 milligrams per dentist per day, amounting to several hundred grams per year per office. This is in addition to air emissions. In Canada, the annual amount discharged is about two tons per year, with portions ending up in water, some in landfills and cropland, and some in air emissions. When amalgam fillings are removed by standard practice methods using primary and secondary solids collectors, approximately 60% of the amalgam metals by weight end up in sewer effluent. As much as 10% of prepared new amalgam becomes waste. This mercury also accumulates in building sewer pipes and septic tanks or drain fields where used, creating toxic liabilities.

<http://amalgam.org/382-2/>

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## **datadragon**

[www.popsci.com/coal-power-plants-cpp](http://www.popsci.com/coal-power-plants-cpp)

Popular Science says the largest source of mercury—more than 50 percent—comes from coal fired plants. Mercury concentrations have increased in the Pacific by 30 percent in the last 20 years, one study found, and in that harvard study above you can see that 31% of mercury is at the pacific. And if emissions continue to rise as expected, the scientists predict another 50 percent jump by 2050.

Already I would say 85% of seafood is pretty well compromised.

First step is awareness. People dont even know 'silver' fillings have mercury. They dont know wifi and emf increases the rate it comes out. Many have no idea just how bad mercury affects your body, the list is pages long. They dont know that it contributes to the mercury in the environment leading back to seafood contamination either so they think they arent affected yet the food is transported to them from those locations, let alone air itself can contain it even if the plants are elsewhere. They dont know coal plants still release mercury, they dont know mercury is absorbed by the algae, then ultimately by the fish. Yes, there can be a balance, we dont have to be a 'wacktivist' to inform others of the dangers to everyone increasing global temperatures and with mercury, and help to elect those who will listen and help implement strategies.

[www.epa.gov/.../basic-information-about-mercury](http://www.epa.gov/.../basic-information-about-mercury)

Some info direct from the EPA itself

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## **dauidle**

A number of years ago, they had a red tide/algae problem along the Gulf Coast of Mississippi and it killed a lot of sea life. It smelled terrible and it was dangerous to walk on the beach and possible step on one of the dead fish and get infected. I am a fisherman and conservationist and we had better protect our environment while we can before we reach the point of no return.

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## Confessa1

Just as Trump cleaned house when he was elected, we need to clean the FDA & EPA out! Greed is the root cause of all this - people who care nothing about the earth, it's resources, or other people who are reaping what they sow. They don't even care about future generations. It's obvious they care only about themselves & the almighty dollar. This is a very serious issue. If our waters are polluted, the balance of nature will be disrupted. Where would we get our water from if the oceans are destroyed? Ever heard of acid rain? Toxic chemical fertilizers already are destroying our farming industry & people eat food grown with those toxic fertilizers! I know people who have actually died from cancer working in the fields where airplanes dropped these toxins! Still, nothing is being done.

My only suggestion is to grow your own garden. I do. I have about 1 acre of land where I grow fruit & nut trees, berries, and raise my own garden ALL WITHOUT TOXINS! Fortunately, I have a well on my property. Unfortunately, I don't know when toxins are going to start polluting our precious well water. I only buy organic meats from a nearby source. Other countries are making an effort to rid themselves of toxins used in body & household products that we are still using. It's the top dogs in the EPA & FDA that are doing the damage. Unfortunately, the employees just work there & they need their job. Sometimes I feel this is their way of implementing population control. Look at all the illnesses people in the United States have - even our medicines are synthetic 'crap' where you have a choice to take their 'medicine' & suffer the deadly side effects (listen to the television advertisements on the many drugs) or grin and bear the initial disease you have. THERE IS SOMETHING MAJORLY WRONG HERE!!!! The best I can do for medical care, is thoroughly research homemade remedies & natural healing. I am thoroughly DISGUSTED.

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## Almond

Confessa1... you are so right about revolving doors between govt and industry in many depts. Sometimes I need to remind myself that I am better off with no health care than what may be avail. All I really gain from medicare is keeping the govt off my back as far as mandatory overage goes. I am taxed, but do not use the system. Wish I had the money to invest in my own welfare instead of subsidizing so much of what I oppose. This is not what was ever meant by the "welfare clause" of the constitution. it is an unconstitutional overreach of govt as many programs are. Our founders never meant govt would decide how to spend our money beyond the most basic taxes. Even welfare for widows of veterans was originally opposed--to show how far we have veered away from original principles of spending other people's money.

I am hearing moire accounts of gatekeeper doctors refusing to see medicare patients who refuse to reply with drug regimens. (This is prob similar to pediatricians who refuse patients who do vaccinate.) That essentially leaves a medicare person without access to medical care if they are part of a system where they must go through a gatekeeper physician. it is not about health. it is about profit and control. Fortunately, the more I avoid MDs and the more of my own doctoring and food production I do, the healthier I seem to be.,

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## iamblessediam

Confessa1...YEP...Trump cleaned house alright and this is today's response from the American Lung Association to Trump's house cleaning method: [[www.lung.org/.../epa-ace-rule.html](http://www.lung.org/.../epa-ace-rule.html) ]. It seems Trump's MAGA could also mean "Making Air Garbage Acceptable" via EPA's "The ACE Rule" which stemmed from Trump signing a resolution back in February 16, 2017 rejecting the Interior Department's Steam Protection Order from the prior administration. Heck...DON'T worry or rant on about vaccine damage - just go wonder about your "gardens" BREATHING in the wonderful "Making Air Garbage Acceptable" stuff compliments of Trump's "style" of cleaning YOUR environmental house. Me thinks if your plants could talk directly with you they'd NOT convey a vote of confidence in Trump's house cleaning methods. Oh snap...they do talk...you just have to learn their language. Being well includes taking care of the air everyone shares - stop electing your own health assassins into public office.

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## datadragon

[www.epa.gov/.../basic-information-about-mercury](http://www.epa.gov/.../basic-information-about-mercury) Depending on these factors, mercury in the atmosphere can be transported over a range of distances -- anywhere from a few feet from its source, to halfway around the globe -- before it is deposited in soil or water. Mercury that remains in the air for prolonged periods of time and travels across continents is said to be in the "global cycle." One major source of mercury emissions outside of the U.S. is small-scale gold mining that occurs in many countries.

You really cant escape it, and so working on awareness and electing officials that support the environment. And unfortunately, copper sulfate which is what organic sometimes uses is an inorganic copper that is being tied to things like alzheimers and contributes toward copper toxicity as I mentioned in a post here. [articles.mercola.com/sites/articles/archive/2018/05/15/glyphosate-in-f..](http://articles.mercola.com/sites/articles/archive/2018/05/15/glyphosate-in-f..)

Far more toxic than glyphosate, copper sulfate. [geneticliteracyproject.org/2018/03/20/far-more-toxic-than-glyphosate-c..](http://geneticliteracyproject.org/2018/03/20/far-more-toxic-than-glyphosate-c..)

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datadragon...thank you for referencing mercury in the air - the biggest USA source being from coal fired electric generation operations. There's more mercury in the air and water ways in ppm's on a daily basis then what's in the sum total derived from the current vaccine schedule. EPA's proposal under "The ACE Rule" will only exacerbate the current air quality situation. As far as mercury's affects on plants...I've noted immediate leaf yellowing in some garden plants after rain falls from fronts that passed over areas where there's concentrated coal fired electric generation. I immediately give those plants a magnesium bath because mercury causes magnesium loss. Yellowing leaves is "plant talk" for magnesium deficiency.

Trump's EPA has decided not to impose a blanket ban on asbestos use. Asbestos is a known carcinogen that's easily transported by and can't be seen in air. Russian asbestos producer Uralasbest is so PLEASED with Trump's EPA ruling they've printed an image of Trump on their pallets of finished asbestos because they are set to profit considerably from Trump's EPA decision. MAGA = Making Air Garbage Acceptable = that Trump is just another health assassin in a long line of them...at least that's how I view the dude. But then that's what happens when people cast votes based on their fear of "other" people and NOT about the QUALITY of the air they breathe.

An aside with corollary...did you hear Elon Musk is thinking of taking Tesla private? In a conversation with friends about his intention one of them said who would give Musk that much money - Musk should pay closer attention to his reported car manufacturing woes. My reply was one word: bio-batteries. Several years ago I'd read where Musk was investing heavily in bio-battery technology research. It wouldn't surprise me one bit if that research effort has paid off big time and is the reason for going private. No more mercury! Be well! LBP!

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## **datadragon**

IAM - Elon Musk was working to reduce and then eliminate cobalt from batteries primarily.

[www.theverge.com/2018/6/21/17488626/elon-musk-cobalt-electric-vehicle-..](http://www.theverge.com/2018/6/21/17488626/elon-musk-cobalt-electric-vehicle-..)

The bio battery was mentioned to be based on algae, which could contain a lot of mercury from absorption if used from the 'wild'. [techcrunch.com/2014/05/30/this-algae-battery-could-power-a-tesla-with-..](http://techcrunch.com/2014/05/30/this-algae-battery-could-power-a-tesla-with-..)

Many batteries are going mercury free these days, I'm sure with the agreement to reduce mercury as well as more awareness of the problem of mercury, other solutions will be sought.

[www.chemistryworld.com/news/sweet-success-for-bio-battery/7022.article](http://www.chemistryworld.com/news/sweet-success-for-bio-battery/7022.article)

Going private is apparently more about being a long term forward looking company and being public also subjects them to the quarterly earnings cycle that puts enormous pressure on Tesla to make decisions that may be right for a given quarter, but not necessarily right for the long-term. I am sure a google search for 'tesla private' would keep you updated on the goings on there. See the popular science article I linked in another reply in this article for more on the mercury from coal. Hopefully the EPA will not become the E nvironmental P oisoning A gency.

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## **MIMI33706**

The petition that accompanies this article is closed because it did not meet the 100,000 signature requirements. How can consumers help the cause with their signatures and votes when the petition being circulated is already closed?? This is the first time I ever saw the petition dated July 14, 2018 - perhaps it can be pulled out of the archives and recirculated under a new application.

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## meehan2661

It took a long time to make the news. Yes this has been going on for months. I moved to Florida to be able to relax on the beach. I live and work on the Gulf. It has been devastating. The local gas station had to return their non ethanol gas as it expired. What used to be hundreds of boats on the water daily have trickled to one or two.

One thing that also could of complicated the situation that no one talks about. Fertilizer laws are blacked out from June 1st thru October. So all commercial properties put down all the fertilizer before the June 1st. deadline. Well--this year there was at least 20 inches of rain the last two weeks of May. These are on the ground rain numbers--not what you hear on the news. So it was like a perfect storm with runoff.

Posted On 08/21/2018

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## 19beets

This situation is beyond depressing ... Florida's coasts are so beautiful. I'm hopeful government officials who generally turn a blind eye to environmental control will note how such neglect will also reduce tourism and the State's coffers. Maybe then these, for lack of a better word, anti-environmentalists will finally get it. On another note, I saw on the news that a company has developed massive ozone machines to try to turn the tide. Kudos to them and to all of Earth's fixers.

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## Almond

We had just moved to a new area. I let our cat out of the carrier and put a water bowl in front of her. It was tap water. She took one sniff, let out a shriek and crawled back into her carrier. ("I wanna go home... back to where we had excellent water.") We decided that, if the cat found the water unacceptable--considering how a cat will drink out of a toilet or any disgusting thing--maybe we should not drink the water, either. Life was not good there and we moved on at our earliest opportunity. You need to know when you must get out and be prepared to do what is necessary.

My grandmother had her own well and was also a connoisseur of water. She would not drink tap water. When she came to visit for a day or overnight, she would always bring a gallon of her own water with her. As I get older, I understand she was wise in many ways. It was true, you could smell the water coming out of our tap. Chlorine, fluoride. Some said there were traces of radioactivity. So much in our water that it was almost like it was not water any more... some strange substance.

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