



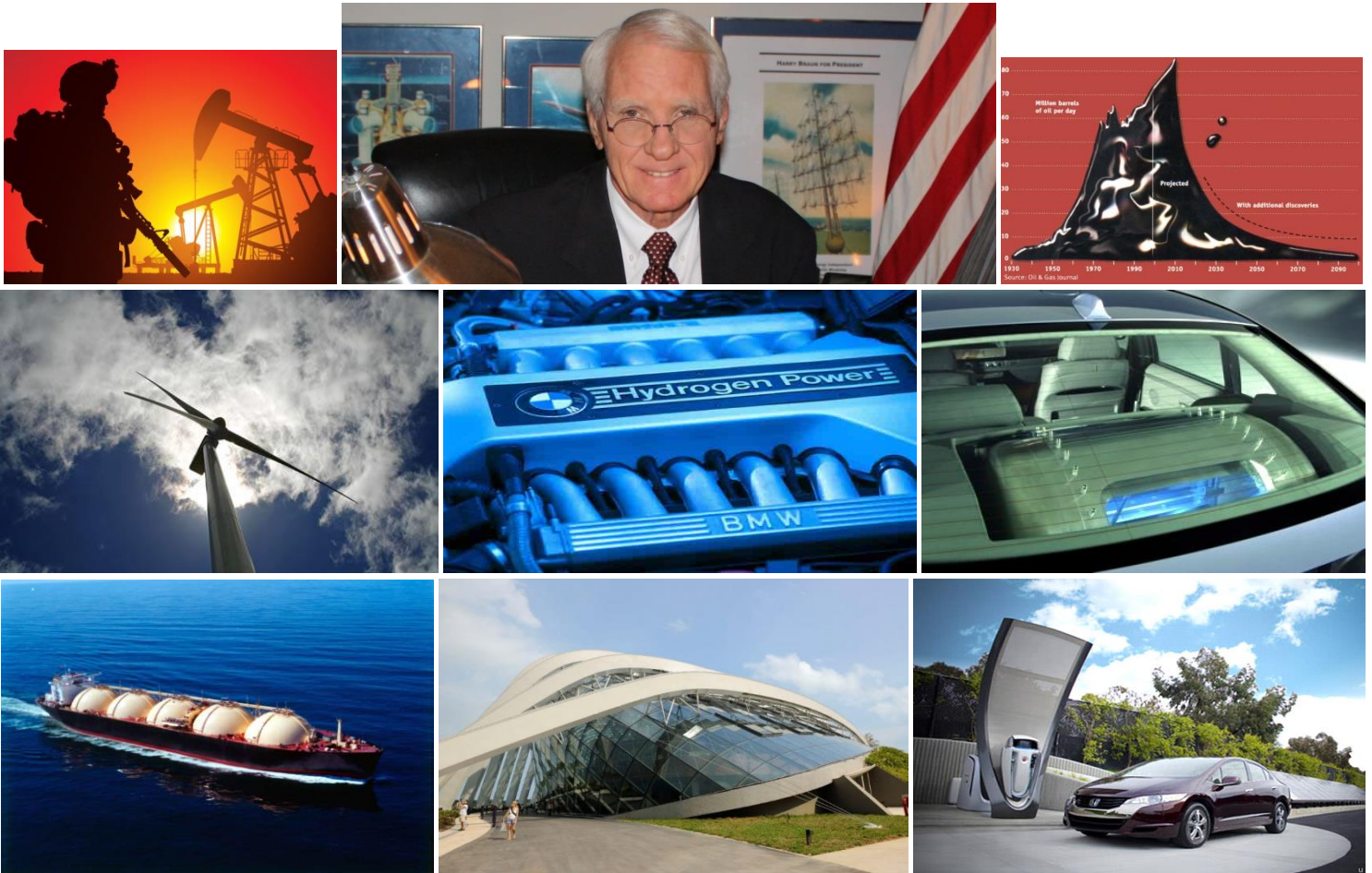
Empowering the Majority is Critical

Harry Braun's Presidential Priorities

Replacing America's bribery-based Republic & Toxic Oil Economy that is making the Earth uninhabitable with a majority-rule Democracy in 2018 and a Solar Hydrogen Economy worldwide by 2025.

by Harry W. Braun III

2020 Democratic Presidential Candidate
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and author of the Democracy Amendment.



Princeton and Harvard University studies have documented that oil company lobbyists secured well over \$10 trillion from American taxpayers for tanker protection services since 1970. This is more than twice the cost of building the 2.7 million, two-megawatt wind-powered hydrogen production systems that would permanently displace all of the oil and other fossil and nuclear fuels and products now used in the USA. Wind-powered hydrogen production and engine conversion systems have been in use since the 1800's, and Henry Ford demonstrated in the 1920's that the least expensive hydrogen and ethanol fuels came from cannabis crops, which are also non-toxic and inexhaustible. Every existing vehicle and power plant can be modified to use hydrogen fuel made from the sun, wind and water, which is the only known option that can provide "sustainable prosperity without pollution," by powering indoor "Lifeboat" and larger "Ark" organic food production systems (shown above center), that will be critical for surviving the climate change chaos that the National Academy of Sciences has testified is already destroying major food production systems worldwide.

Harry Braun's Presidential Priorities

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Harry Braun's 2020 Presidential Priorities

Instead of mass-producing the wind and cannabis-sourced solar hydrogen production systems that are documented in this testimony, which would permanently replace all of the toxic and unsustainable fossil and nuclear fuels by 2020, President Obama and both political parties in the U.S. Congress have ignored the dire climate change warnings from the National Academy of Sciences and continue to allow oil company lobbyists to determine national energy policy. This involves a highly-toxic fracking boom launched by Halliburton and new Oil Wars without borders, where the U.S. has become the Air Force for the Shiite governments of Iran, Iraq and Syria, using highly-radioactive uranium-tipped bombs and munitions with a 4.5 billion-year half-life, against ISIS Sunni led Muslims who had their country contaminated and destroyed by the U.S. invasion in 2003 that used false U.S. intelligence reports about weapons of mass-destruction. But Halliburton and the other contractors and oil companies made billions, and they are now repeating this process in the tragic and completely unnecessary Oil Wars now being escalated both Iraq and Ukraine, which have been supported by both Republicans and Democrats.



Trump proclaimed he will use U.S. Armed Forces to steal oil and minerals from Muslim countries.

“Vital U.S. National Interests”

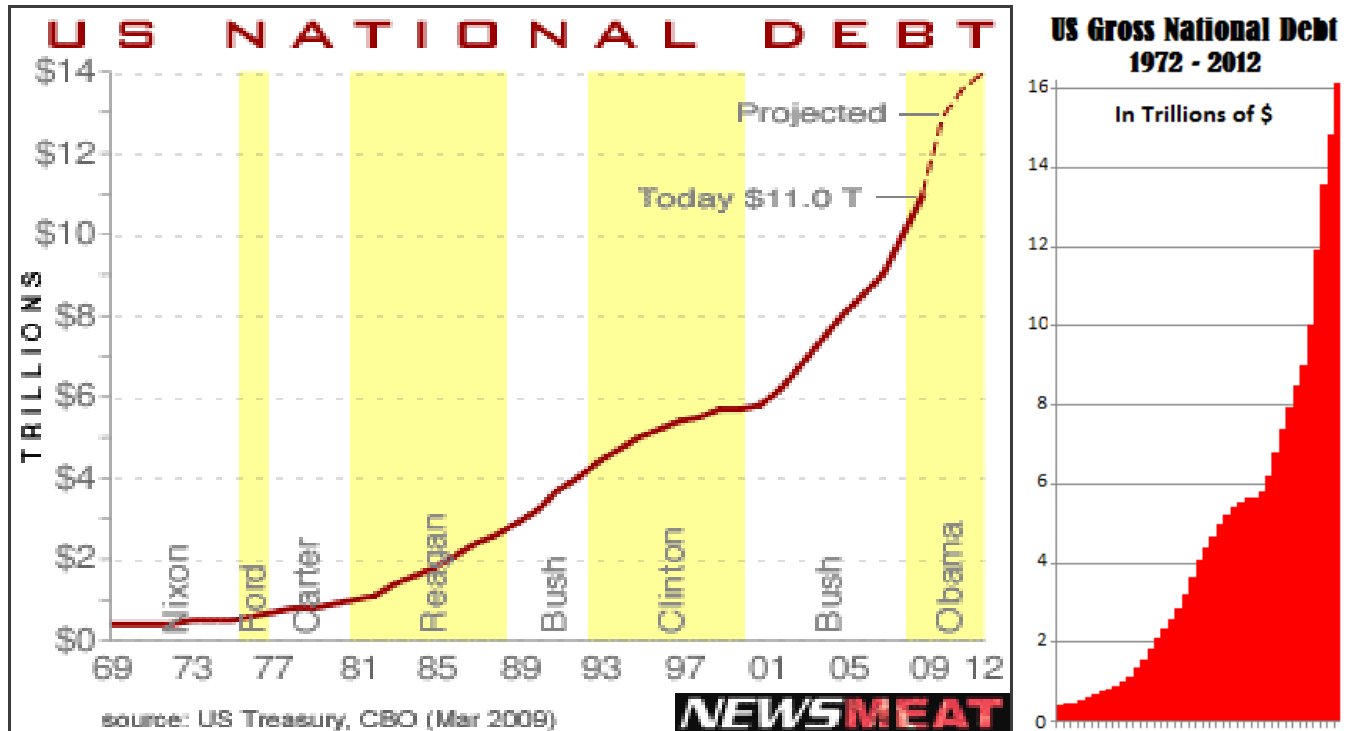
Oil companies routinely use the U.S. Armed Forces and military intelligence assets to install repressive governments worldwide who will allow them to extract fossil fuels and minerals, leaving hundreds of millions of indigenous people in poverty in a contaminated wasteland.

Rather than nation building, A Harvard University study in 2013 calculated the U.S. spent approximately \$6 trillion destroying Afghanistan and Iraq by dropping tens of thousands of uranium-tipped bombs and munitions on the Cradle of Civilization. Thus untold numbers of U.S. soldiers, Afghans and Iraqis were killed and injured for the profits of Halliburton and Exxon Mobil. Although most of Iraq's oil now goes to China, Exxon obtained the lease rights for the Northern Kurdistan region from Hunt Oil, a Texas oil company that was a major financial backer of George W. Bush. And as the image above documents, the so-called Democrats are just as much in the pockets of the multinational shale oil and gas fracking corporations as are the Republicans, including Hillary Clinton whose only major accomplishment as Secretary of State was to sell fracking worldwide by establishing the Global Shale Gas Initiative.

The ISIS Sunni-led Caliphate, which evolved out of the chaos created by the U.S. invasion of Iraq in 2003, represents only a tiny number of the 1.5 billion Sunni Muslims worldwide. But in the American Revolution, less than three percent of the Americans actually fought in the war, including our Founding Fathers who were called “terrorists” by King George. It seems dropping 500-pound bombs is at least as barbaric as beheading someone, but the real reason for the renewed air war in Iraq is because ISIS seized the oil wells in Northern Iraq that are under lease to Exxon Mobil.

Thus the U.S. now calls the Islamic State “terrorists,” because these Sunnis were cut-off and left to fend for themselves in a shattered country of chaos, and the U.S. Air Force now serves the Shiite governments of Iran, Iraq and Syria, who are all fighting the Sunnis, who were a faithful U.S. Ally for decades, and who represent 90 percent of the Muslim population worldwide. Thus except for the oil companies, it is absurd for the U.S. government to take sides in this ancient tribal conflict by using its unrivaled air power and intelligence assets to attack and destroy the only counter force to the rapidly-expanding Shiite governments throughout the Middle East, while the American taxpayers are left with the debt that is destroying the Middle Class and the value of the Dollar.

Note that the U.S. Debt is now over \$18 trillion, over half of which is what the U.S. has spent on subsidizing the oil wars in the Middle East over the past 40 years.



The exponential increase in the national debt shown above tracks a corresponding decrease in the value of the U.S. Dollar as shown below, which has lost well-over 90% of its value just since President Nixon took the U.S. off the gold standard in 1971, in violation of Article 1, Section 10 of the U.S. Constitution. This devaluation is a deliberate policy of the Federal Reserve (Quantitative Easing) to "monetize the debt."

Purchasing Power of US Dollar 1800-2005



Source: Barron's

U.S. Energy Policy Ignores the Dire Warnings from the National Academy of Sciences

Scientists worldwide have warned for decades that the use of oil and other highly-toxic fossil fuels is rapidly making the Earth uninhabitable for a number of reasons, including the increasingly catastrophic climate change that is already apparent on the daily news, as well as the global chemical contamination of every man woman and child with tens of thousands of oil-based poisons, which is rarely mentioned by any of the mainstream news networks. This is presumably due to the fact that the oil industrial complex now owns a controlling interest in the media, the pharmaceutical industry, and the major banks on Wall Street. Thus it should not be surprising that companies like Halliburton and Exxon continue to have the full support of the White House, the Congress, (which is supported by less than 10 percent of the American public) and therefore the U.S. Armed Forces, including the CIA, NSA and other military intelligence assets to support repressive Republics abroad, that are really dictatorships, in countries such as Egypt, Saudi Arabia, Kuwait, Iran, Vietnam, Chile, Indonesia, the Congo, the Philippines, Pakistan, and Iraq – to name a few. As such, to suggest that the USA Foreign policy and military forces are deployed to support democracy abroad is an Orwellian-scale misrepresentation.

In reality, multinational oil and other foreign corporations are only focused making enormous amounts of money to bribe governments worldwide by securing and exporting a country's wealth of fossil fuels and minerals. This common practice, however, has left hundreds of millions of Muslim Arabs, as well as others worldwide, in destitute poverty in what is now a contaminated wasteland, and yet most American's are clueless as to why they are now hated by billions of people worldwide. Oil wars are far more expensive than most people realize. Bush and Cheney said the Iraqi war would pay for itself with oil revenues, but most of the oil went to China. And according to a 2013 Harvard University study, the Bush administration secretly borrowed some \$2 trillion for the wars in Iraq and Afghanistan -- off the books -- from private lenders. And since the bulk of these loans are unpaid, other than a \$260 billion dollar interest payment that was made, trillions of dollars of interest will also be required. Thus the true cost of just these two wars will be over \$6 trillion.

In addition, Princeton University professor Roger J. Stern published a paper, "United States cost of military force projection in the Persian Gulf, 1976–2007," that calculated the costs of protecting Gulf oil shipments over this 30-year period at \$6.8 trillion, and the additional costs from 2007 onward were estimated to be \$500 billion annually, for a total of \$11 trillion. And this does not include the boots on the ground, which only earn \$50 a day, but the overall annual cost to send a soldier to a battle zone is estimated to be \$1 million, unless it's a private contractor mercenary that earns over \$1,500 per day plus expenses. Thus with some 60,000 U.S. troops still in Afghanistan, this is an additional ongoing cost of an additional \$60 billion a year. There is also another \$50+ billion that is spent annually for the ongoing U.S. Drug Wars. While the Congress has authorized trillions of dollars for Oil Wars, it has refused to authorize the estimated \$6 billion to secure the U.S. borders, from millions of Central American gang members that now travel freely in the U.S., as part of a \$100 billion a year drug Caliphate that could not exist without the U.S. drug laws, which this Testimony will document were also enacted with false information in secret with no recorded vote in the House or Senate, by the lobbyists from the Oil Industrial Complex.

U.S. bombs in Iraq are diffusing radiological poisons worldwide, which are contaminating the global human community

In spite of the sixth mass-extinction event taking place, President Obama and the Congress can only agree to bomb more people worldwide, in an endless multi-trillion dollar Oil War without borders. But when the uranium 238 munitions explode, the resulting radioactive nanoscale particles and dust will then be diffused worldwide in the wind and rain, which will ultimately contaminate every man, woman and child in the U.S. and worldwide -- essentially forever -- given the half-life of U-238 is 4.5 billion years. As such, the American government is contaminating all of the American people, as well as all life on the Earth, to support dictators and the oil companies they serve, against the ISIS Sunni Muslims who have had their country -- which was the Cradle of Civilization -- contaminated and all but destroyed by the USA over false intelligence -- for the profits of oil companies like Halliburton, which is not even a U.S. company.

The Global Failure of the Bribery-Based American Republic

The U.S. is now over \$18 trillion in debt, with an additional \$100 trillion to \$200 trillion in unfunded liabilities for health care and social security and banker bailouts. And an estimated thousand trillion dollars has disappeared into a financial black hole called "derivatives." Yet there is no money to secure the borders or take care of the over 50 million Americans who live in poverty -- most of whom are children. The contaminated air is not fit to breathe, the water is not fit to drink, and the highly-processed toxic sugar junk food is causing epidemics of diseases. The roads, bridges, and nuclear plants are crumbling, yet Obama and virtually all of the U.S. corporate news networks are cheerleading the wars in Iraq and Syria presumably because of the "brutal" beheading of an American journalist in retaliation for U.S. airstrikes that killed members of ISIS -- as though dropping 500 pound radioactive bombs on unknown people in a foreign religious Civil war isn't brutal. It's easy to drop bombs on people, but it's impossible to repair the catastrophic damage that results from using such incredibly "brutal" weapons.

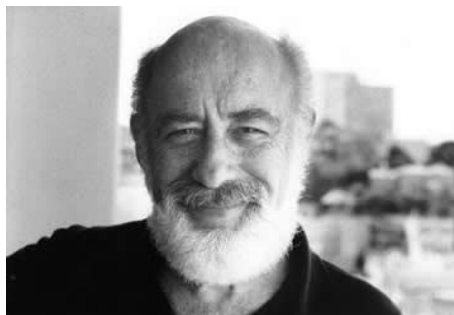


Uranium-tipped munitions and the deformed children that result from such contamination.

The U.S. news media talk nonstop about the brutality of ISIS, but the unjustified invasion of Iraq was exponentially more brutal, especially given the radiological munitions that were used. Such weapons were developed to penetrate the advanced armor of Russian tanks, but they have been used for most if not all combat missions by the U.S. since 1991 in Serbia and the ongoing wars in Iraq, Syria and Afghanistan. When Depleted Uranium munitions are detonated, the radiological isotopes at the tips are pulverized into nanoparticles, which then not only contaminate the immediate area of the explosion, but many of particles are diffused into the wind and rain worldwide. They have been documented to travel from Iraq to Western Europe in about 10 days. 150 countries voted to ban uranium weapons in the UN, but the USA, UK, Israel and France all voted to veto the measure.

John Gofman

Medical Professor of Radiation Physics



"There is no safe level of exposure for x-ray and gamma ray radiation."

John Gofman was the chief medical officer of the Atomic Energy Commission, and he and his colleagues found was that there was no safe level for x-ray and gamma ray exposure, and that at least 75% of the breast cancers in women were, in fact, caused from the x-rays that were used in mammograms. Professor Gofman observed that only one word came to mind in terms of what must be done regarding such global indiscriminate contamination, and that word was Nuremberg.

Freedom of the Press in the USA

The U.S. news media typically ignores routine beheadings that take place in Saudi Arabia, which happens to be one of the closest U.S. allies in the Middle East. The U.S. media ignores the fact that the U.S. has been using uranium-tipped radioactive bombs in all of its military actions since the Gulf War in Iraq in 1991, which have a half-life of 4.5 billion years. And the U.S. media has ignored the major oil and fracking interests of Halliburton and Exxon Mobil in both Iraq and Ukraine, which are the only “vital national interests” that are at stake. This underscores how the oil industrial complex has acquired a controlling interest in major U.S. News media. While the U.S. Constitution protects the freedom of the press from government censorship, it does nothing to protect the American citizens from the corporate censorship that now dominates the U.S. news and media organizations, which are typically on at the same time and saturated with commercials. Given the U.S. airways are owned by the public, the public should be determining the news content. As such, American citizens will no longer have to waste their time listening and/or watching mindless commercial advertising during news broadcasts.

The Tragic Truth about U.S. Foreign Policy



Critical thinking requires accurate information, yet few Americans are aware that while politicians and news media talk about the U.S. supporting democracy abroad, both Republican and so-called Democratic administrations have supported brutal and undemocratic regimes all over the world since World War II. The most recent example is Egypt, where president Obama, who continues to provide \$1.3 billion in yearly payments to the Egyptian military, obviously agreed to a brutal military coup that replaced a distinguished professor of engineering, Mohammad Morsi (above left), who was educated in the United States, and won the presidency of Egypt in its first free and fair election, with another brutal dictator, General Abdel Fattah al-Sisi (above right), who imprisoned Morsi, and is now working to have the former president executed.

Mass-Murder in Vietnam

The United States lobbyist-based Republic, including both political parties, voted to support dictators in Vietnam who allowed the U.S. to kill an estimated three million innocent Vietnamese men, women and children, and injure tens of millions more, presumably because they believed in “communism,” which simply means communal or public ownership of companies or institutions. Apparently no one made the connection to the fact that such public ownership is exactly what Jesus was preaching, which is why he said it would be easier for a camel to get through a needle than for a rich man to get into heaven. Indeed, profit was a sin in the Christian Church for over 1,500 years, which underscores that Jesus was far to the left of Karl Marx, who only wanted the profit to be shared with the workers. The potential oil reserves off the coast of Vietnam are never mentioned as the real reason for having a so-called “friendly” government in control.

And then there is Iraq – where Saddam Hussein was actually financed and put into power in a bloody “brutal” coup that was financed and directed by the CIA in the 1960’s during the Kennedy Administration, which was published some four decades later on page one of *The New York Times* on March 14, 2003. Saddam then became an important U.S.-financed ally for six presidential administrations, and he was the only secular Arab leader in the Middle East who provided equal rights, education and employment opportunities for all woman, right up until George Bush Sr. betrayed Saddam on July 25, 1990, by instructing U.S. ambassador to Iraq, April Glaspie to inform him that the U.S. would not get involved if he invaded Kuwait, which he then did, at which point Bush launched the first Gulf war. Yet few Americans are aware of this Orwellian distortion of U.S. history.

Why Ukraine is Important

None of the U.S. news networks have mentioned Halliburton, Exxon or Chevron as the real reasons for U.S. military actions now underway in Iraq and Ukraine. Nor have they shown the map below of the major Russian gas pipelines that pass through Ukraine to the energy markets in Western Europe, which Obama and Senators John McCain, Lindsey Graham want to hand over to U.S. oil companies, that would effectively destroy Russia's oil-dependent economy. This is similar to the U.S. oil blockade against Japan, which triggered the attack on Pearl Harbor, except thermonuclear weapons are now in place.



SOURCES: East European Gas Analysis,
The National Gas Union of Ukraine

RICH CLABAUGH/STAFF

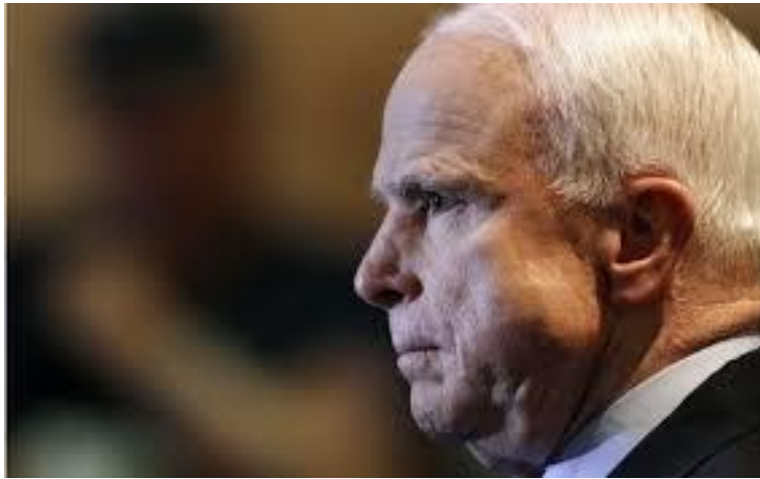
Trillions of gallons of fracking poisons are injected deep Into the Earth



Shale oil and gas fracking sites are massive toxic mixing pits like the one shown above, which contaminate the air and over 5 million gallons of water, which is then injected deep under the site. Thus when the site is exhausted and abandoned, which typically occurs within two years, the vast quantities of poisons left behind will be diffusing and contaminating underground aquifers essentially forever.

According to Senator John McCain

"The Europeans will continue to do nothing until the day they become independent of Russian energy."



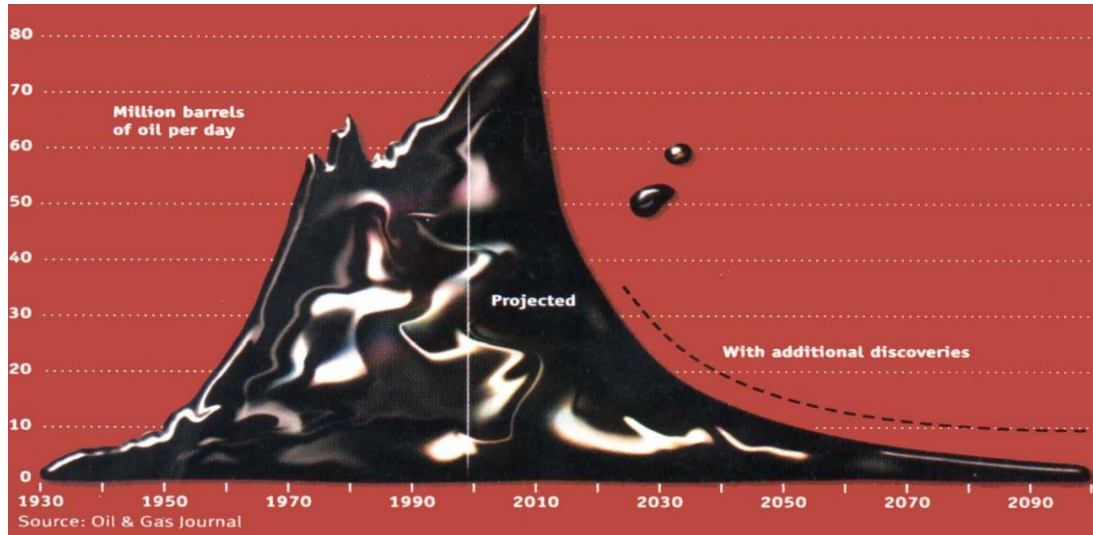
In 1984, I won the Democratic Primary to oppose John McCain for the U.S. Congress, and my campaign platform was based on shifting from the oil economy to a solar-sourced hydrogen energy and economic system with wartime-speed (i.e., within 5 years). But since I also believed that accepting money in politics should be illegal, the news media, who were in the business of selling political advertising, essentially ignored my campaign. I also ran as an independent presidential candidate in 2004 and 2012 on the same issues, with the same results.

Senator Lindsey Graham wants to export U.S. fracked oil and gas to supply European markets in order to "break Russia's energy monopoly."



Obama, Biden, McCain and Graham now speak for the majority in the Congress, who are pushing hard for escalating the wars in Ukraine, Iraq and any other location where Halliburton and Exxon need assistance. What the Congress and media have ignored are the thousands of scientists and engineers who for many decades have been advocating a transition from all oil and other fossil and nuclear fuels to a hydrogen energy and economic system, where hydrogen is made from the sun, wind and water, with technologies that have been in use since the 1800s. While the Ukrainians hope the Americans are coming to help them, the Americans are coming to frack and poison their water and aquifers essentially forever, as more and more people are forced to compete for fewer and fewer and increasingly expensive resources. But none of this would be necessary if wind-powered hydrogen production systems would be installed instead of staying addicted to oil and other fossil fuels.

Fracking is the final and highly-toxic phase of the exponential collapse of the Age of Oil and other fossil fuels.



Most analysts believe global crude oil production peaked in 2005, and given more and more people are now competing for fewer and fewer resources, oil costs will rise accordingly, which underscores the need to capitalize the wind hydrogen system as soon as possible, and not later than 2020.

The Phoenix Project

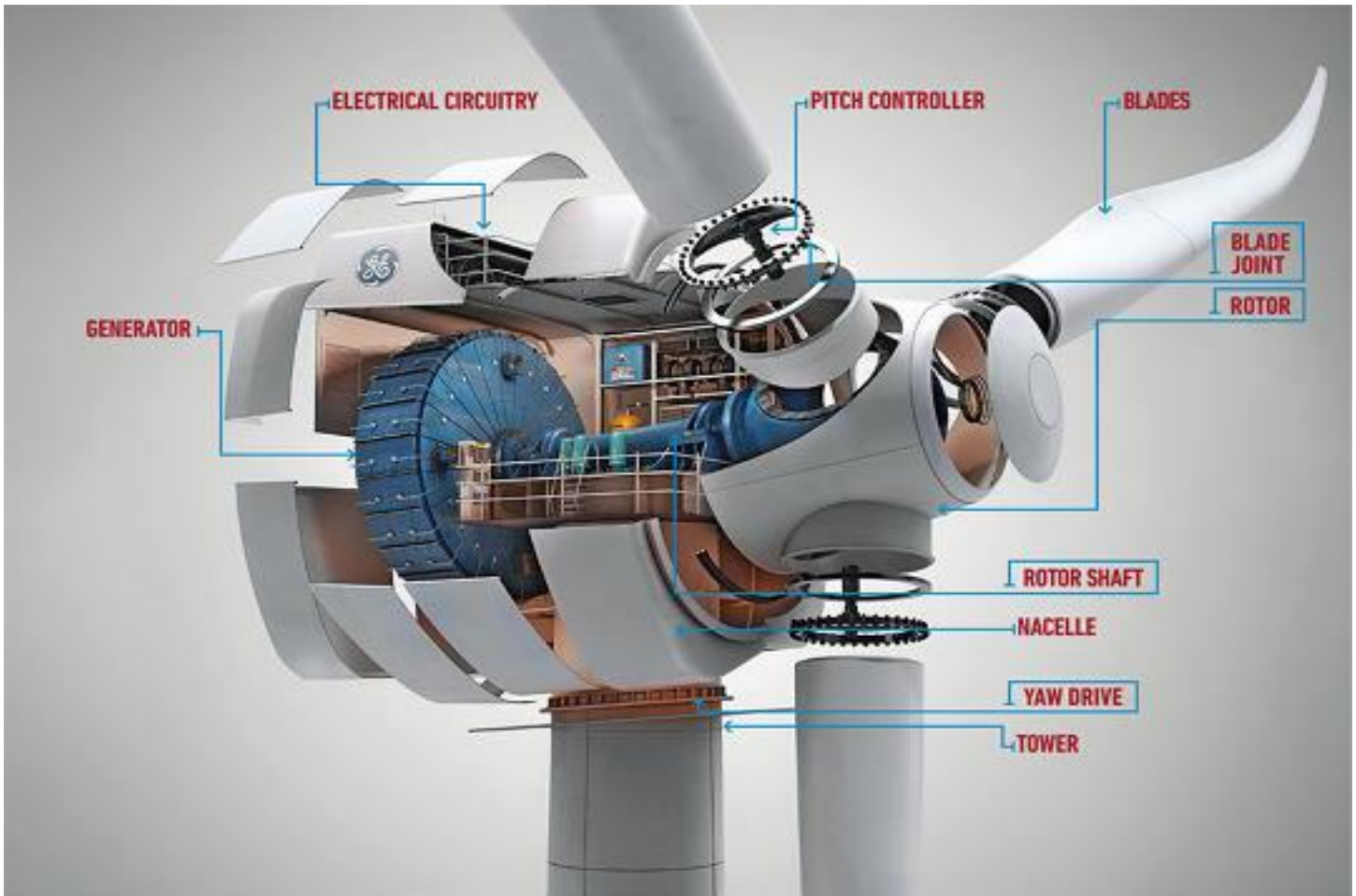
Shifting from the Oil Age (below left) to the Hydrogen Age with wartime-speed, by mass-producing wind and cannabis powered hydrogen energy and economic systems, which are completely non-toxic, pollution free and inexhaustible.



Wind-powered hydrogen production systems alone can permanently displace the use of all oil and other fossil and nuclear fuels now used worldwide.

According to the United States Energy Information Administration, the global demand for energy in 2011 was approximately 520 Quads, 100 of which was used by the U.S. Given roughly 60 percent of that energy was lost as waste heat, approximately 17 million two-megawatt wind-powered hydrogen production systems, operating with a 25% capacity factor, would permanently replace the use of all of the toxic and non-renewable fossil and nuclear fuels now used worldwide. Given the USA now uses just under 100 quads of energy annually, approximately 2.7 million, two megawatt wind-powered hydrogen production systems would permanently displace all of the fossil and nuclear fuels, and they could be mass-produced in less than two years once the tooling is in place, given they are similar to an automobile from a manufacturing perspective. Moreover, the cost of the 2.7 million wind hydrogen production systems would be less than half of the over \$10 trillion that was spend by U.S. taxpayers to finance oil wars and related tanker protection services since 1970, and unlike oil, wind hydrogen systems are non-toxic and renewable.

General Electric Wind Turbine Power Conversion Unit

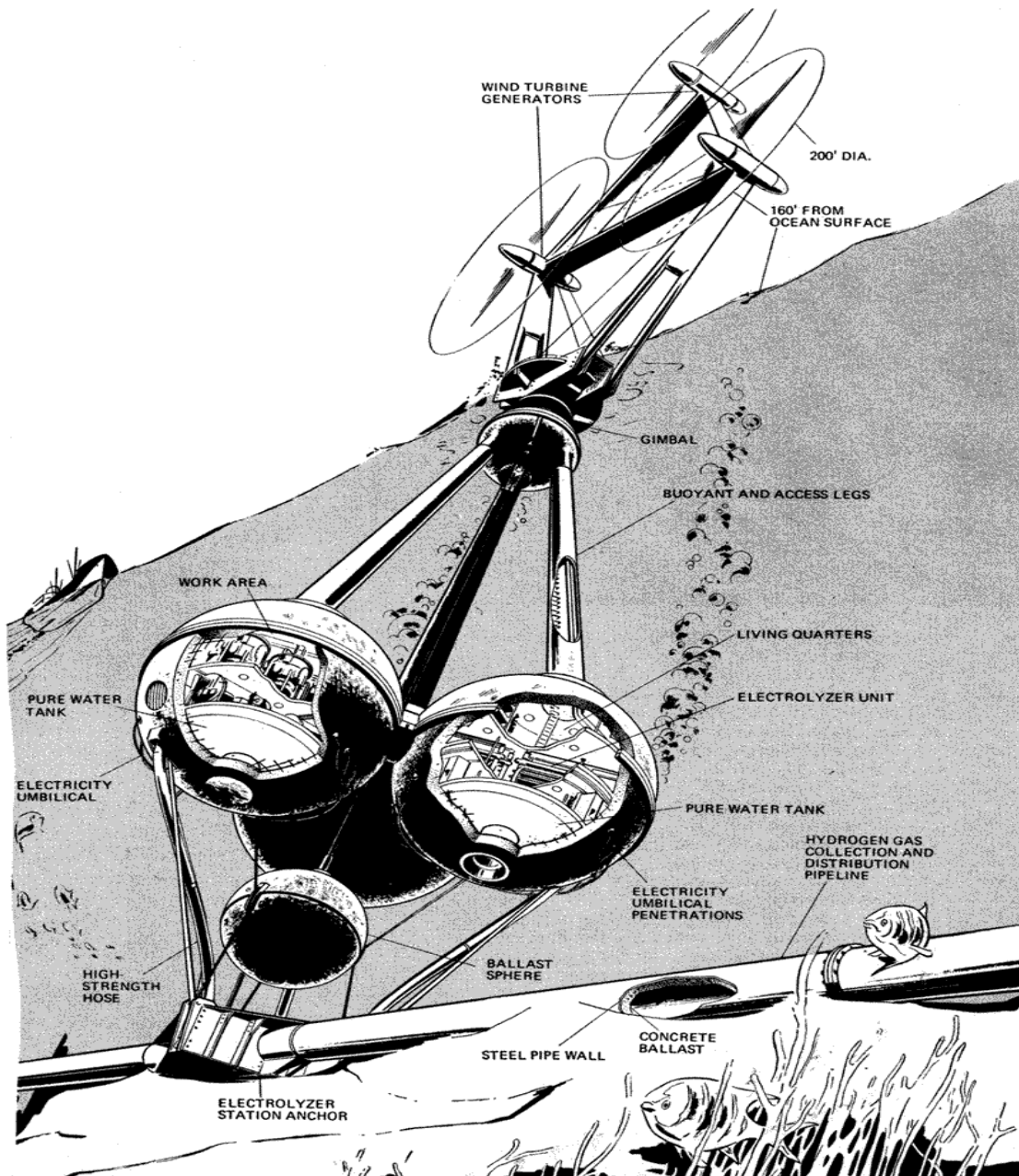


Wind machines have been in use for over a thousand years, and they have been used to make hydrogen from water since the 1860s. The wind turbines now made worldwide are rated from one to five megawatts, and because they now generate the least-expensive electricity, they will also generate the least-expensive electrolytic hydrogen. Wind machines are very similar to automobiles from a manufacturing perspective, and about 17 million vehicles are made for the U.S. market each year, compared to the 60 million vehicles now sold annually worldwide. Once the mass-production tooling is in place, the 17 million wind turbines that would replace all fossil and nuclear fuels worldwide could be placed on line in less than five years, during which time all of the existing vehicles and power plants and gas appliances can be modified to use both hydrogen as well as hydrocarbon fuels interchangeably.

Hydrogen makes the intermittent nature of the wind irrelevant

Wind systems are typically dismissed as base-load energy production systems because of the intermittent nature of the wind, which changes its velocity from second to second, and often blows in the middle of the night when there is no demand for the electricity. But as any sailor, or banker knows, the wind is a remarkably consistent resource over any given month, otherwise banks would not finance wind projects. But if the objective is to not just make electricity, but hydrogen as a solar energy storage medium and premium quality combustion fuel, the hydrogen variable changes everything. This is because hydrogen is the only non-toxic and inexhaustible "universal fuel" that can safely power any existing engine or power plant, and unlike electricity, hydrogen can be exported worldwide. Wind hydrogen energy systems will use only a tiny fraction of the vast global wind resources to power the 17 million two MW wind hydrogen production systems, which will permanently replace all of the fossil and nuclear systems now used worldwide.

Heronemus Windship Hydrogen Production Systems



The Windship cutaway shown above was published in *Popular Science* in 1977, and was developed by engineering professor William E. Heronemus, who designed the hulls for nuclear submarines before he was promoted to Superintendent of Shipbuilding for the U.S. Navy. After Heronemus retired from the Navy, he used his extensive experience as a naval architect to design various sea-based wind-powered hydrogen production systems. The spherical hulls are where the hydrogen is produced from the seawater with electricity, and where the crews will live and work. And with all of the hydrogen production equipment located below the water, the fish and other marine organisms that are now being hunted into extinction would be provided with a vast natural sanctuary. Accidents or leaks are not a concern because hydrogen is completely non-toxic and pollution-free. From a technology development perspective, Heronemus observed that the Windships could have been mass-produced in the 1800's by replacing the sails on existing sailing ships with rows of wooden wind turbines, which could then have generated and stored the hydrogen in the hulls of the ships. Indeed, such sea-based wind hydrogen systems were first proposed by molecular biology professor J.B.S. Haldane at Cambridge University in the 1922.

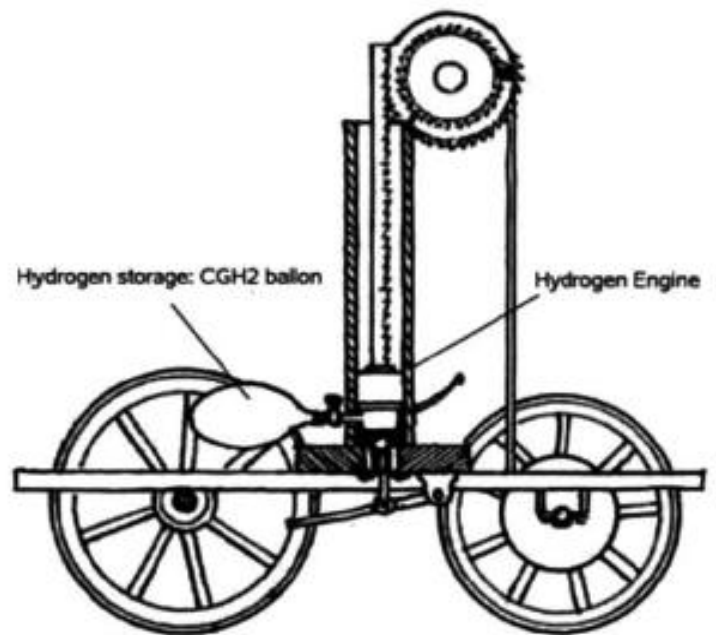


The Windship image shown above was published in *Popular Science* in 1977, whereas the image shown above of a 34-turbine-array system developed by Heronemus was produced and published by the *National Geographic Society* in December of 1975.

The World's First Automobile

Engineered and built in 1807 in Switzerland
by François Isaac de Rivaz.

The modified carriage Rivaz designed was not using gasoline as fuel, which is highly-toxic, dangerous, and impossible to make without hydrogen, but pure, carbon-free hydrogen made from water with electricity.



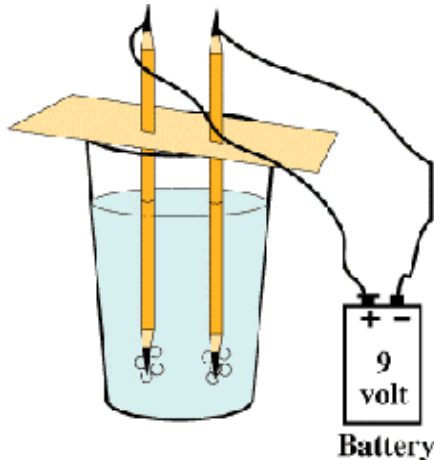
A brief History of Hydrogen Fueled Automobiles

Steam engines were relatively common in the 1800s, but Rivaz made a number of modifications that resulted in an internal combustion engine that ran on hydrogen -- long before the use of highly-toxic oil-based hydrocarbons like gasoline. Later, in 1826, a British scientist and engineer, Samuel Brown also made hydrogen-fueled engines. But by the 1920's the famous German engineer Rudolf Erren had been modifying thousands of Diesel and Otto-cycle gasoline engines to use hydrogen as well as hydrocarbon fuels like gasoline with the flip of a switch. In World War II, Erren even modified Diesel engines aboard German submarines to produce electrolytic hydrogen made from the seawater, as well as the torpedoes, which were called "trackless" because they left no trail of bubbles when pure hydrogen fuel was used.

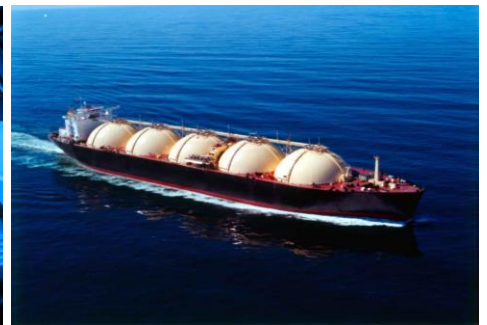
Electrolysis

Making Hydrogen from Water with Electricity

In the year 1800, Alessandro Volta first demonstrated the first battery that provided a predictable flow of electrical current from a chemical reaction. Three weeks later in Britain, Sir Anthony Carlisle, an English surgeon and his friend William Nicholson, a renowned English chemist, duplicated Volta's battery, and the first thing they did with the electricity was to pass it through water, a process now called electrolysis, where the water molecules are separated electrochemically into hydrogen and oxygen.



The electrolysis of water is shown on the upper left, and a state-of-the-art Honda home or community hydrogen production and refueling system is shown on the upper right. Most major automobile and aerospace manufacturers have been developing hydrogen-fueled vehicles and for many decades, including BMW, Lockheed Martin, Boeing and General Dynamics, which built the cryogenic liquid hydrogen transport ship shown below right in the 1980s.

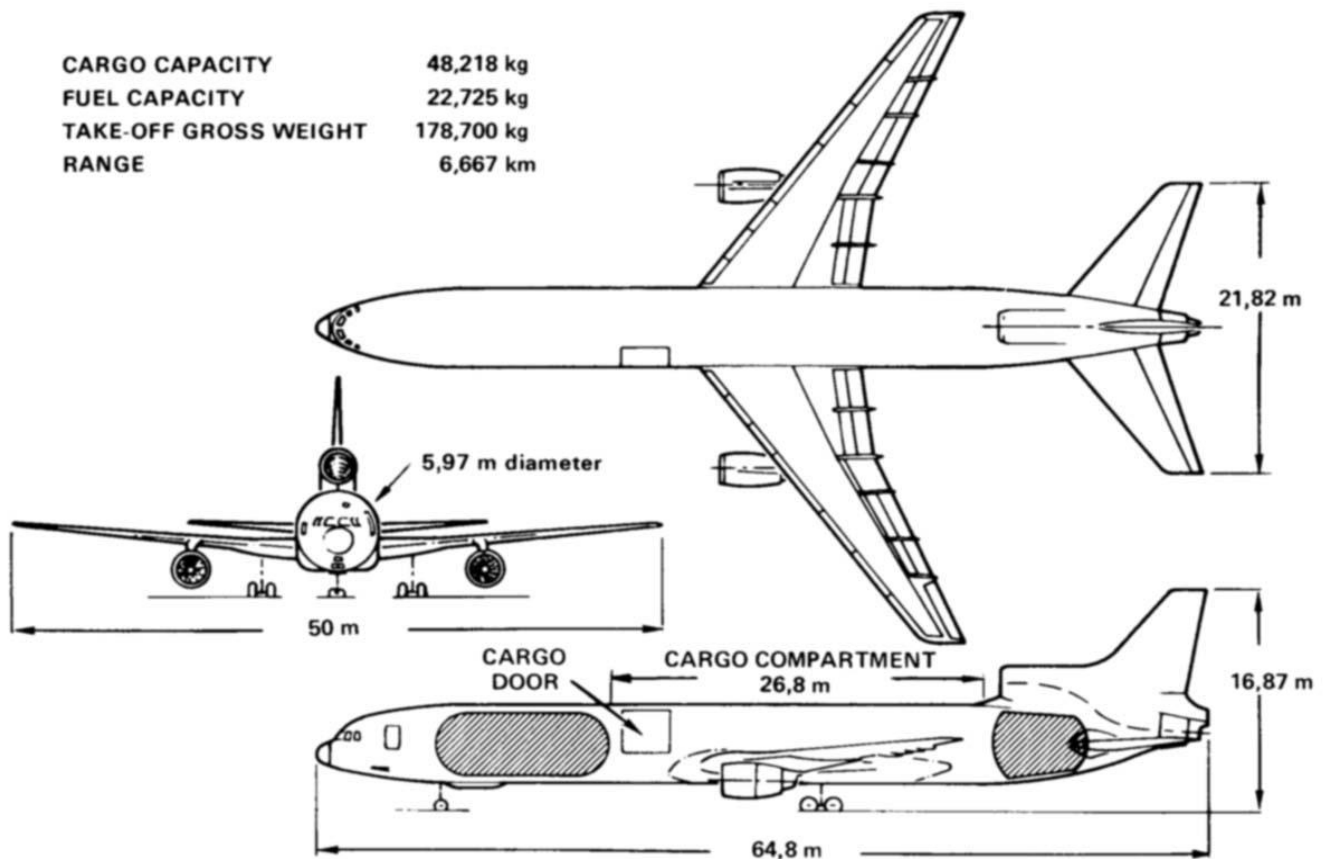


The first U.S. aircraft modified for hydrogen fuel was the Air Force B-57 bomber shown above, which was modified by NASA in 1957.

Lockheed Martin Liquid Hydrogen Aircraft



Studies in the 1970s by Lockheed engineers found that liquid hydrogen-fueled aircraft would be safer, lighter, quieter, require smaller wing areas, shorter runways, while eliminating carbon emissions. They would also use less fuel per flight mile, and because of their substantial weight reduction with hydrogen, their range could be roughly doubled. The conventional aircraft imaged on the left is being refueled with LH2 from spherical tanks located in the distance, while the advanced Lockheed hydrogen aircraft design on the right takes full advantage of using LH2 as an aircraft fuel.



Lockheed concluded that liquid hydrogen was the safest and most practical fuel that could be used in commercial aircraft, and they demonstrated in the illustration above how to modify existing most of the existing aircraft by integrating the larger (about four times by volume) cryogenic liquid hydrogen storage tanks in the two shaded areas of the fuselage without increasing drag. Given this design, It would be impossible to high-jack the aircraft from the passenger compartment, and the structural integrity of the fuselage was significantly improved in the event of a crash landing.

Liquid Hydrogen-Fueled Moon Rockets & Space Shuttles



The Saturn V moon rockets all used hydrogen to fuel the second and third stages, and in the case of the Space Shuttle, note the smoke-free, almost invisible light-blue hydrogen flame that is emitted from the three hydrogen-fueled engines that are mounted on the tail of the Space Shuttles. This is in contrast to the highly-toxic emissions that are generated from the powdered aluminum fuel used in the two solid rocket boosters that are mounted on the sides of the Shuttle. Given that liquid hydrogen has the greatest energy per weight of fuel, the U.S. Army and Air Force began investigating using liquid hydrogen and oxygen as a rocket fuel in 1943 in cooperation with investigators at Ohio State University. As a result of this ongoing effort, liquid hydrogen was the primary rocket fuel in the U.S. Space Program. It is worth noting that when the Challenger exploded, the event was not due to the hydrogen fuel system, but the failure of the O-rings in one of the two solid rocket boosters, which NASA never wanted to use in the first place.

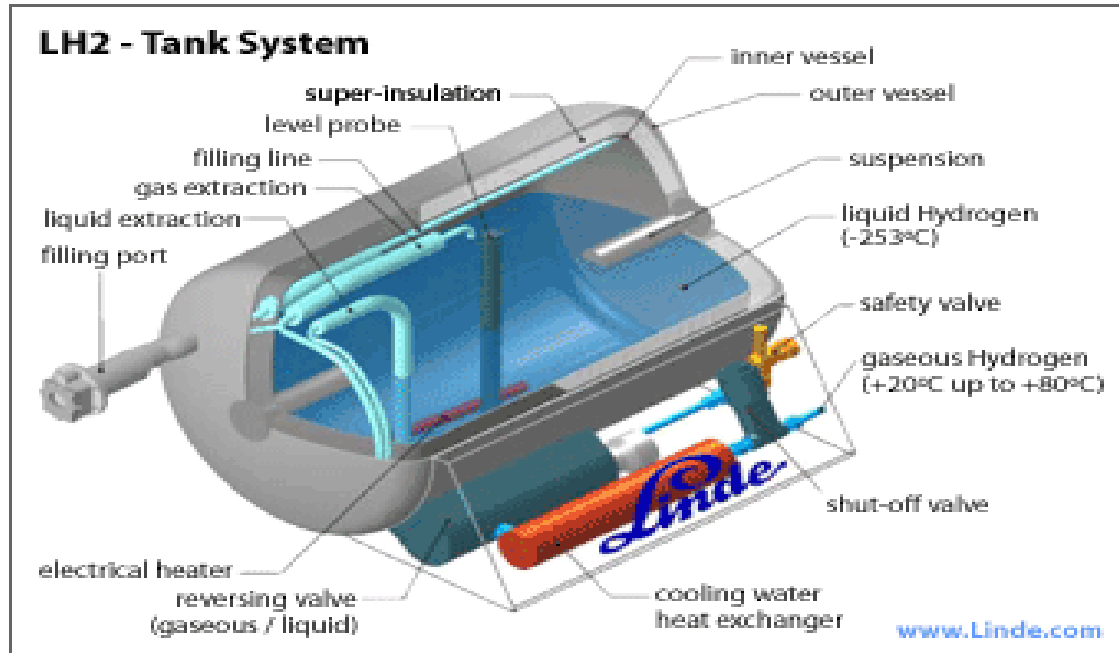
Lockheed Martin's Liquid Hydrogen-Fueled Hypersonic Superdrone



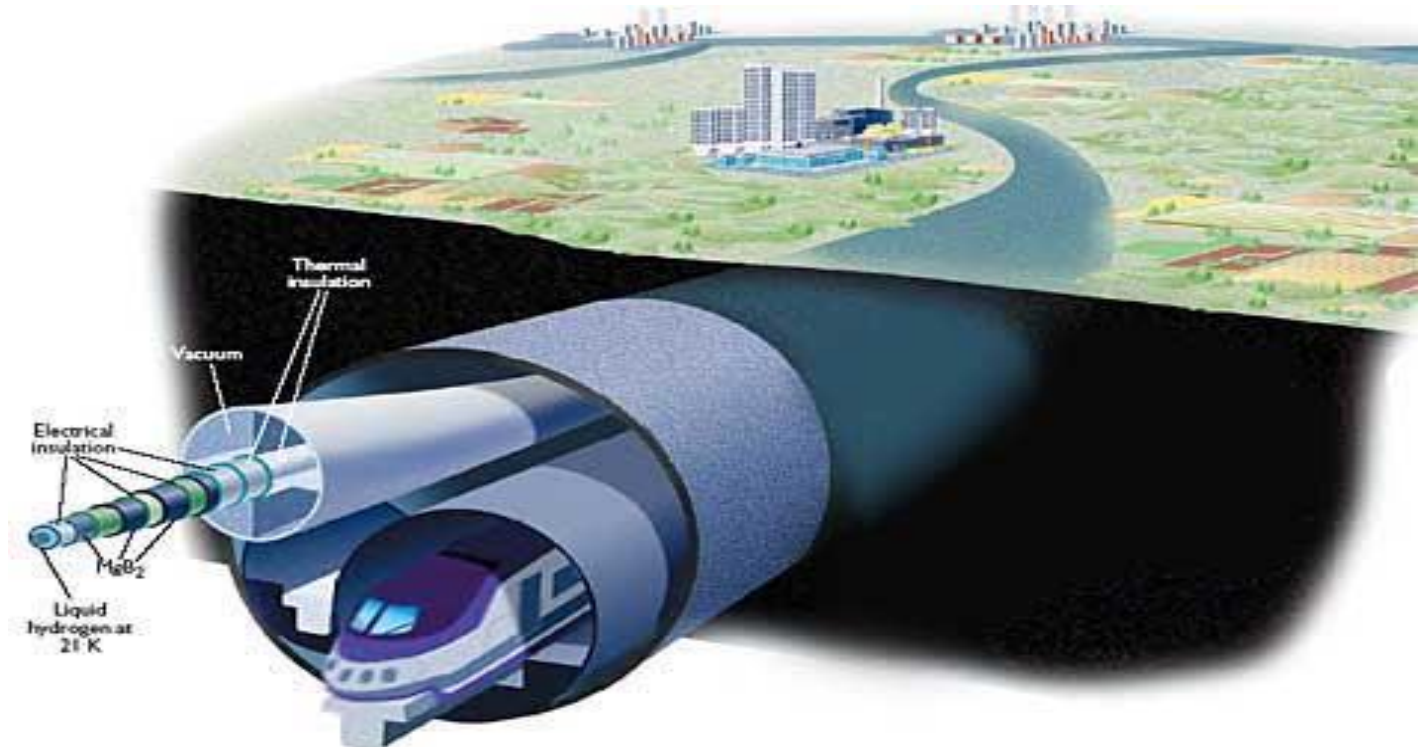
Lockheed Martin's liquid hydrogen-fueled replacement for the SR71 Blackbird spy plane is a super-drone that will fly twice as fast (Mach 6) and it will be fully-weaponized for high-speed air strikes.

A Liquid Hydrogen Automotive Storage Dewar

"Dewar" is a term for a specially designed liquid hydrogen tanks that was named after the engineer who developed the highly insulated, vacuum-jacketed aluminum tank within a tank, although the most advanced hydrogen storage systems can now store hydrogen as a solid, liquid or gas, or a combination of all three.



The proposed EPRI Liquid Hydrogen Supergrid



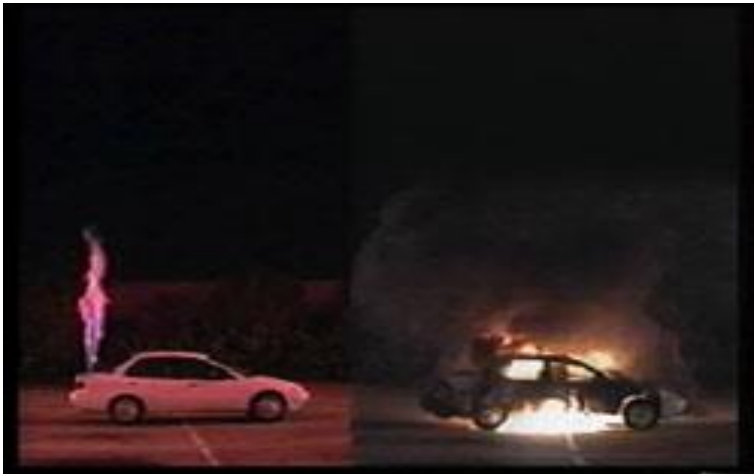
The proposed Electric Power Research Institute (EPRI) Supergrid will transport electricity as a superconductor inside the liquid hydrogen pipeline as well as a super high-speed maglev train that can also travel in a vacuum for super high speeds.

Hydrogen Safety

The Hydrogen Bomb and the Hindenburg



A hydrogen bomb uses a nuclear fusion reaction that occurs in stars (where no one lives), whereas making hydrogen from water with electricity uses a simple chemical reaction that only involves electrons. In the spectacular Hindenburg accident, few people have actually read the accident report, and as such, they are not aware that two-thirds of the passengers and crew (62 people) survived the incident, and of the 35 people who died in the accident, 33 were killed when they panicked and jumped from the airship, and they died from the fall. Two people were burned to death, but it was not from the hydrogen onboard that was used as a lifting gas, which rapidly dispersed up and away from the accident, but from the diesel fuel that was used to power the Hindenburg's Mercedes Benz Diesel engines.

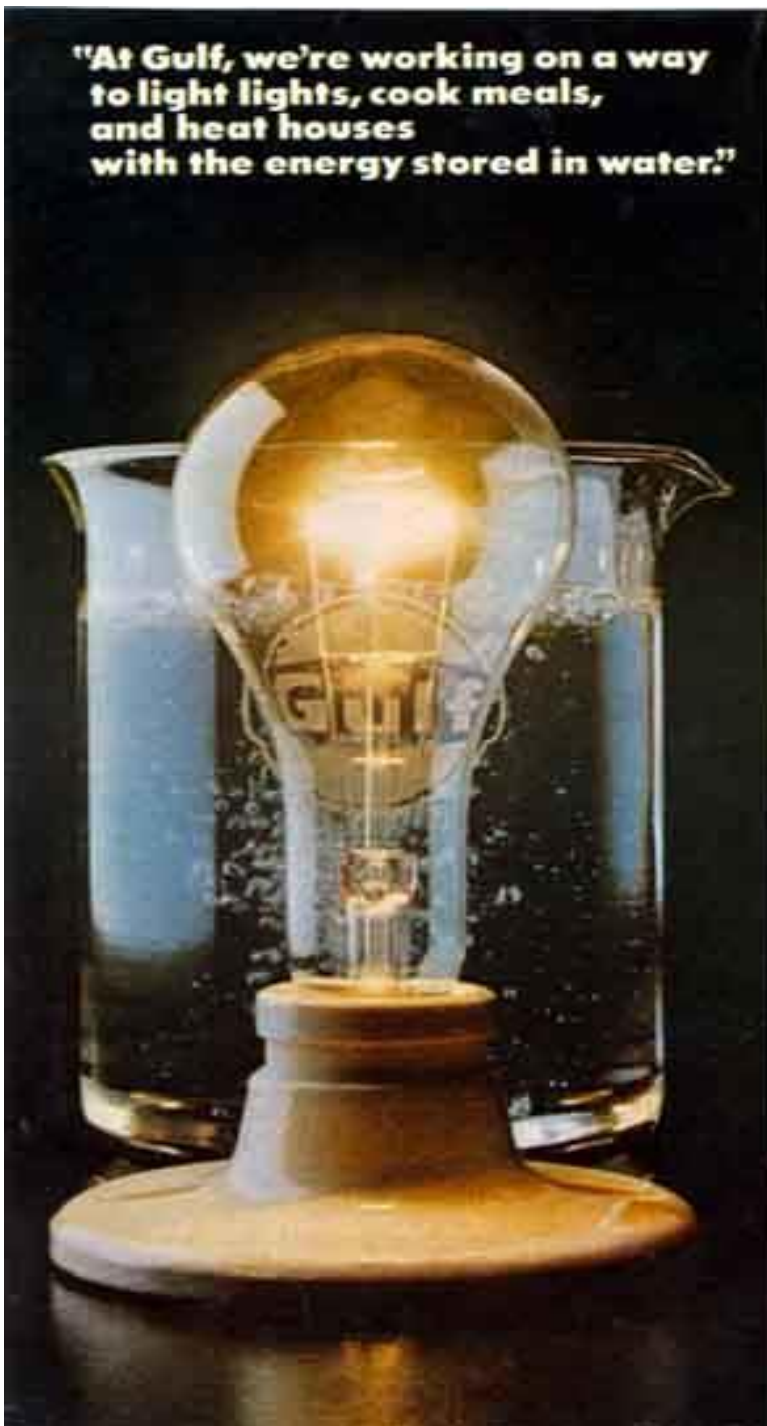


In a carefully controlled test funded by the U.S. Department of Energy, two identical vehicles were configured with similar fuel leaks that were then ignited. Note that the hydrogen-fueled vehicle on the left suffered no temperature increase or physical damage to the vehicle or passenger compartment, whereas the gasoline-fueled vehicle on the right was totally consumed in flames in one minute and thirty seconds. Although most people assume hydrogen is dangerous, the insights and images above document that hydrogen-fueled vehicles would be much safer than their gasoline or diesel-fueled counterparts. Indeed, even the Hindenburg accident is a classic case study that shows how safe hydrogen is, even in a worse-case accident.

Hydrogen is the safest combustion fuel because it is the lightest element, and as such, it travels up and away from a leak or accident in micro-seconds. However, if hydrogen is chemically bonded to carbon, which is heavier than air, the resulting hydrocarbon fuels will easily form explosive mixtures. And rather than moving up and away from the passengers, hydrocarbons will literally wick and stick to their clothes and skin, which typically causes severe burns, which often prove to be fatal. It is why hydrogen is much safer than gasoline or other hydrocarbon fuels in the event of leaks or accidents.

Gulf Oil Hydrogen Advertisement in Time in 1984

**"At Gulf, we're working on a way
to light lights, cook meals,
and heat houses
with the energy stored in water."**



"You probably remember from grade-school science that water is two parts hydrogen and one part oxygen," says Dr. John Norman.

"Here at General Atomic Company, a subsidiary 50% owned by Gulf Oil, a project is under way to

"There are 3 1/2 million cubic miles of water on earth, and hydrogen is every drop a natural energy resource that waits to be used."



extract hydrogen from water for use as a fuel for heating, cooking, or anything that now uses petroleum or natural gas.

"The extraction process is called thermochemical water-splitting. We know it works because we've done it. But it takes high temperatures — about 1600° F — so it's rather expensive.

"It may be the turn of the century before it becomes commercial. But it's an attractive idea. Hydrogen from a gallon of water has about half as much energy as there is in a gallon of gasoline.

"Hydrogen can be made into a liquid or gaseous fuel. It can be transmitted long distances more cheaply than electricity. And when hydrogen burns, it's converted back into water. Very tidy."

At Gulf, our first priority is to get all the oil and natural gas we can out of resources right here in America. But we're working on a lot of other ideas, too. Thermochemical water-splitting is one of them. We are also working on underground coal gasification, solar research, liquefied coal and other synthetic fuels, geothermal energy, and other alternative energy sources.

Basically the business we are in is energy for tomorrow.

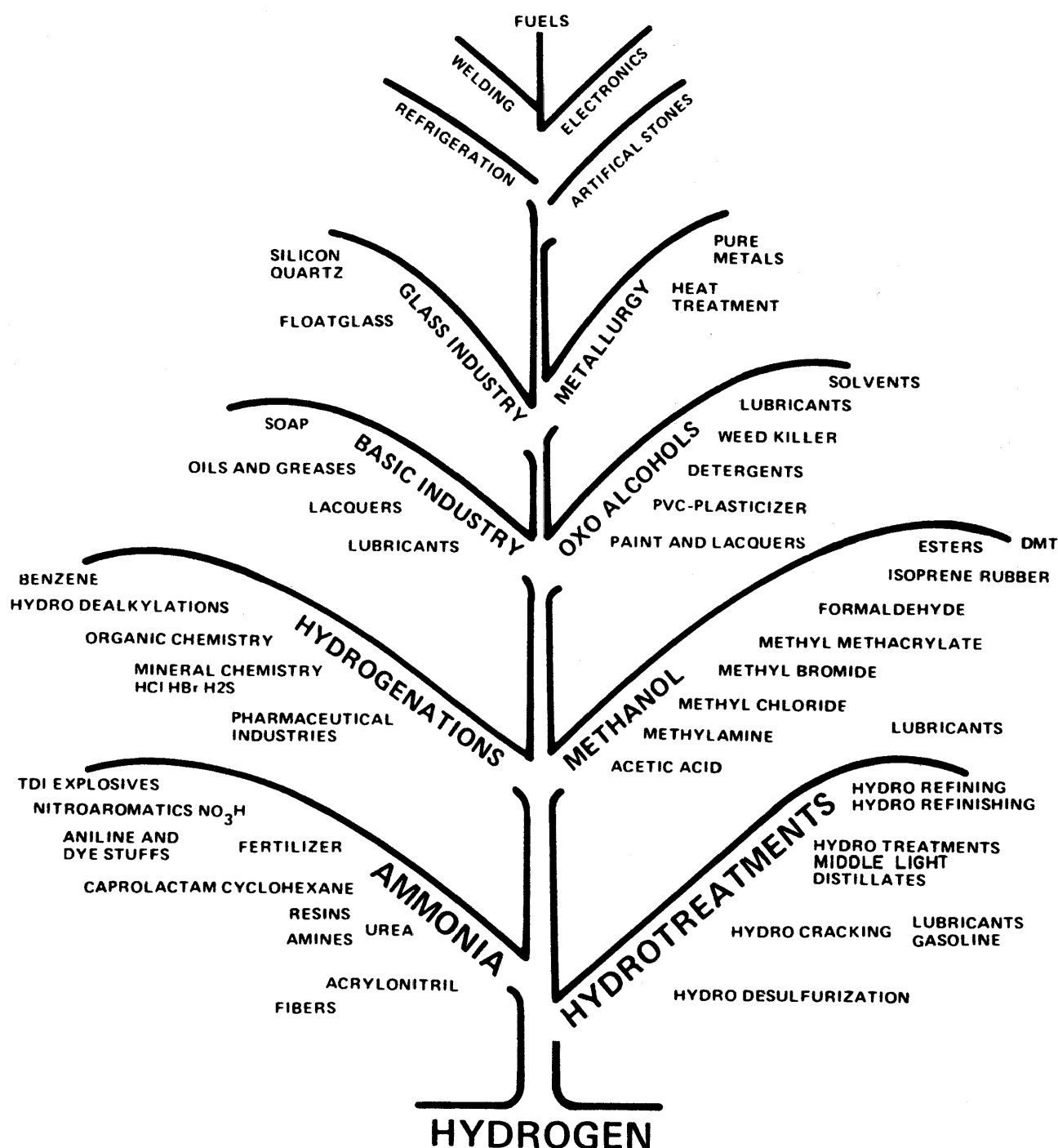


**Gulf people:
energy for tomorrow.**

Gulf Oil Corporation

Gasoline is made from crude oil by adding significant quantities of water and hydrogen, which is why it is referred to as a "hydrocarbon" fuel. But virtually all of the hydrogen now comes from natural gas, which is also a non-renewable and highly-toxic fossil. As the Gulf Oil Ad documents, oil companies know how to make hydrogen from water with electricity, but electrolysis has been in the public domain for nearly 200 years, and if the electricity comes from the wind, then the oil and gas corporations would no longer be needed. Moreover, water is just as important — if not more so -- as energy, and about 18 gallons of water is required to make a gallon of gasoline from crude oil, whereas less than three gallons of water is needed to make an equivalent gallon of gasoline with electricity. Corn-based ethanol, by contrast, requires about 12,000 gallons of water to grow the corn to make a single equivalent gallon of gasoline.

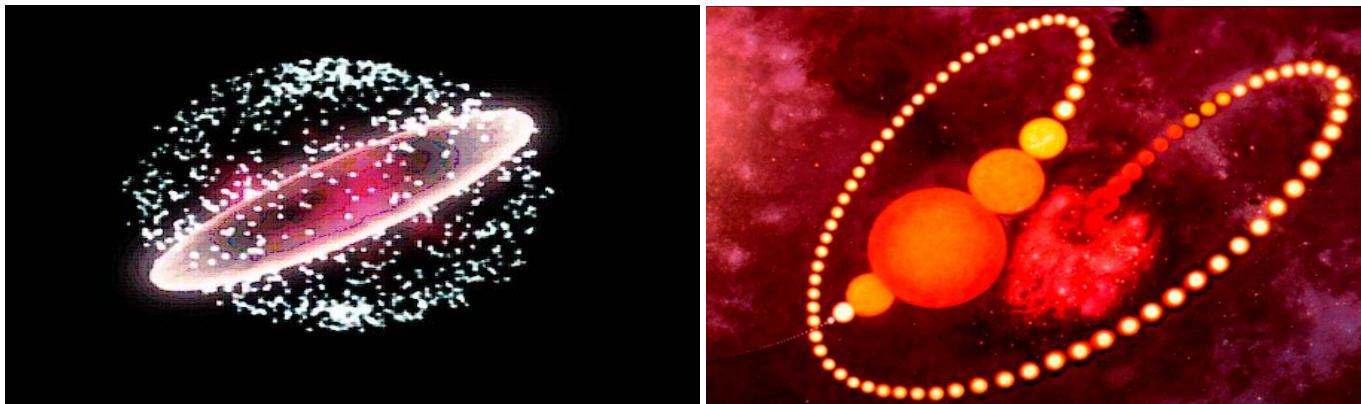
The Hydrogen Chemical Tree



The Hydrogen Tree shown above documents that hydrogen is not just a "universal fuel" that can power all of the existing automobiles, aircraft, spacecraft and power plants, but it is also a primary industrial chemical feedstock that is needed to make a wide-range of products, including, plastics, fertilizers, semiconductors, paint, soap and gasoline. Virtually all of the hydrogen now used in industry comes from natural gas, which is another non-renewable and rapidly diminishing fossil fuel. The Hydrogen Tree image shown above was provided courtesy of Air Products and Chemicals, the largest producer of hydrogen in the United States.

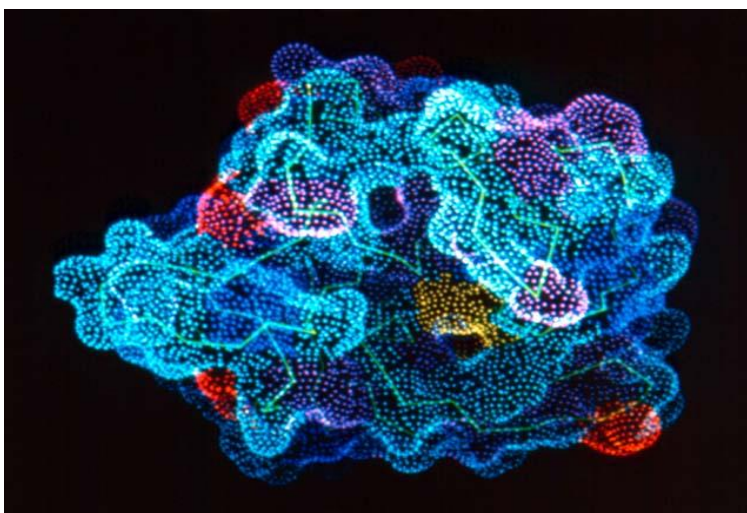
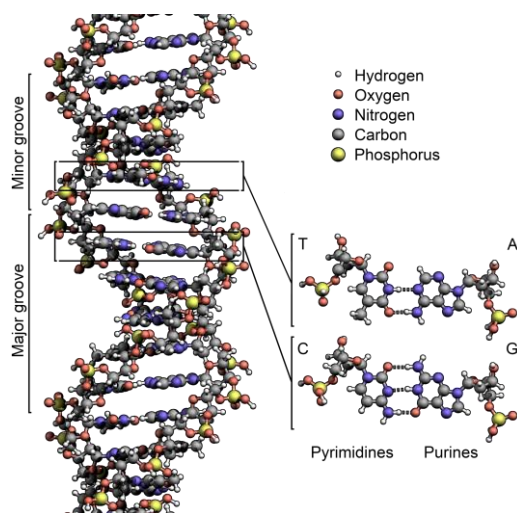
Hydrogen and its Primordial Origins

Hydrogen is the simplest, lightest and most abundant element in the Universe and it was a critical element in the origin of both matter and life in the known Universe. The hydrogen atom consists of a single proton and a single electron, It was the first element that was created after the Big Bang (below left) when the known Universe was created some 13.7 billion years ago.



It was physics process of gravity that caused the hydrogen atoms to eventually compress with enough force to fuse the hydrogen into helium, at which point a star is born. The typical lifecycle of a star is shown in the image on the upper right, and as the supply hydrogen is exhausted, the star begins to die, converting the hydrogen into the heavier elements of carbon and oxygen. When the larger stars end their lives in spectacular supernova explosions, the heaviest elements are then formed, including gold and silver, which are then diffused throughout the Universe, where they are then able to form into comets, asteroids and planets like the Earth.

Hydrogen and the Origins of Life

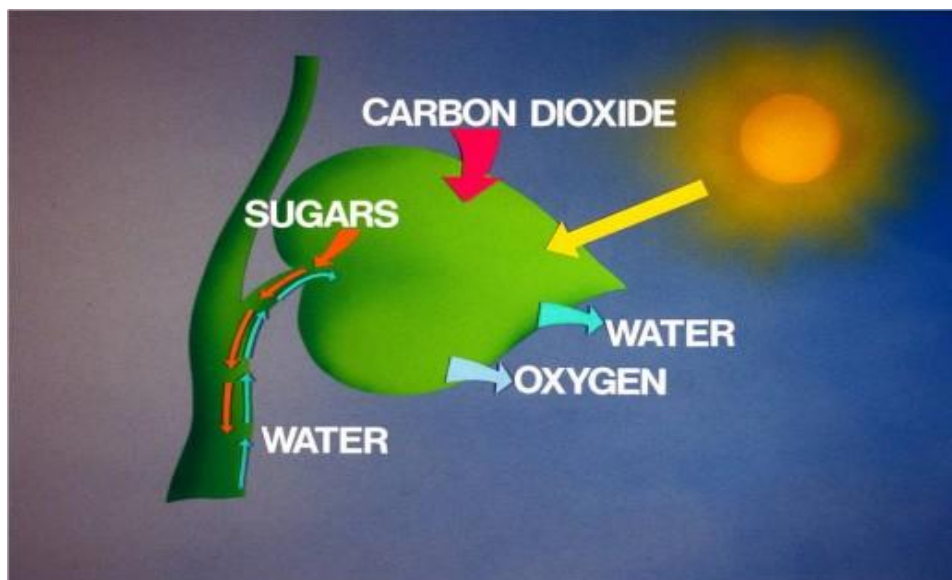


Proteins and DNA

. DNA (above left) is a four digit computer code for manufacturing proteins, like the remarkable image (shown above right) that was prepared by Author J. Olson, Ph.D., using x-ray crystallography whereby each dot is an individual atom. Copyright © 1985 Research Institute of Scripps Clinic, California

Although no one yet knows precisely how life originated, what is known that hydrogen and its offspring of heavier elements, including carbon, oxygen and nitrogen, did evolve into the highly-complex three-dimensional structures of proteins (shown above left), which are the molecular basis of all life on Earth. The protein based "Nanobes" are at the heart of metabolism, and they presumably created and do operate DNA (upper right), which is a 4-digit computer code that stores the information used to manufacture all of the different proteins in the brain and body.

Photosynthesis



Photosynthesis involves a process of separating the hydrogen and oxygen in water with the energy found in sunlight.

On the primitive earth, when the first protein-scale nanoorganisms (i.e., the nanobes) evolved, they were able to extract the hydrogen they needed for metabolism from the hydrocarbon molecules that were contained in the “primordial soup.” The energy conversion efficiency was relatively high, (about 40 percent), but the primordial soup was similar to oil in the sense that it was non-renewable, and it was being exponentially consumed by the nanobes and the larger microorganisms (i.e., the microbes), thus more and more nanobes and microbes found themselves competing for fewer and fewer resources. In order to avoid their own extinction level event, the nanobes developed a new technology: photosynthetic microbes and plants that would use sunlight to extract the critical hydrogen they needed from water.

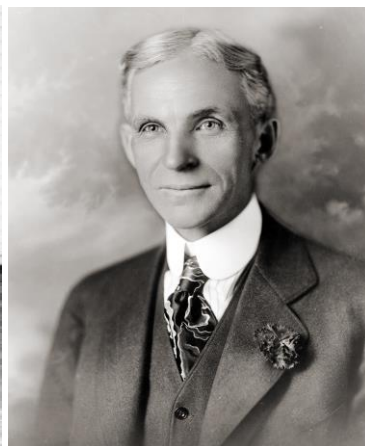
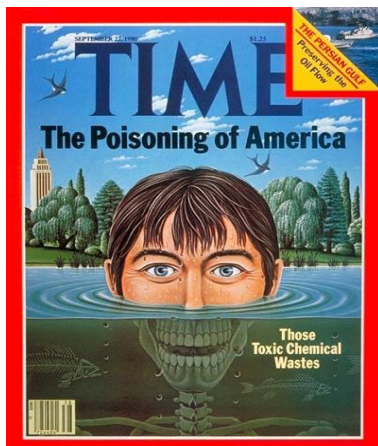
At the heart of every photosynthetic organism is a highly complex chlorophyll molecule that allows hydrogen to be extracted from water with solar energy. Although this photosynthetic process is only about 1 percent efficient, it turned out to be a sustainable method of extracting hydrogen from water on a global scale. Indeed, although much less efficient, this “transition of substance” to renewable solar hydrogen resources allowed the proteins and microbes to prosper on a global scale for over 3 billion years. But the really important lesson from *Mother Nature* (i.e., the nanobes) is clear: efficiency is not nearly as important as sustainability.

The observation that it takes more energy to make hydrogen than will be generated when the hydrogen is used as a fuel implies that only hydrogen needs such input energy. But in reality, there are no energy sources that are “free.” Even using wood involves expending time and energy to find and cut the wood before it is used as a fuel. Much more energy is expended in finding oil, and pumping, transporting, and refining it into gasoline and other hydrocarbons. In the case of gasoline, additional energy is needed to extract the hydrogen from natural gas, and more energy is needed to vaporize about 18 gallons of water to steam in order to crack and build the various hydrocarbon molecules in the refinery. And because fossil fuels are non-renewable, more and more energy will be needed to find and extract the remaining resources until they are ultimately exhausted.

It is said that when Caesar found Rome it was a city of clay, and he left it a city of marble. In that spirit, we have inherited a civilization addicted to toxic fossil and nuclear fuels that are making the Earth uninhabitable, and we have the technology to leave it with a sustainable and poison-free solar hydrogen energy and economic and agricultural systems. It seems nothing could possibly be more important, given the Mass Extinction event that is now unfolding, and yet as I observe the daily news, I am watching the U.S. once again launch more brutal and destructive wars for multinational oil and gas corporations.

Henry Ford and the Cannabis Energy, Chemical & Economic System

The oil-based chemical Poisoning of America was well known in the scientific community by 1980, when the Time cover story shown below was published. Yet this global chemical contamination was the direct result of oil and chemical company lobbyists who made cannabis illegal in 1937, with no recorded vote in the House or Senate, or the Constitutional Amendment that was required to make alcohol illegal.



Henry Ford is shown hitting a cannabis plastic car with an axe with no damage. As he testified: "Why use up the forests which were centuries in the making and the mines which required ages to lay down, if we can get the equivalent of forest and mineral products in the annual growth of the hemp fields?"

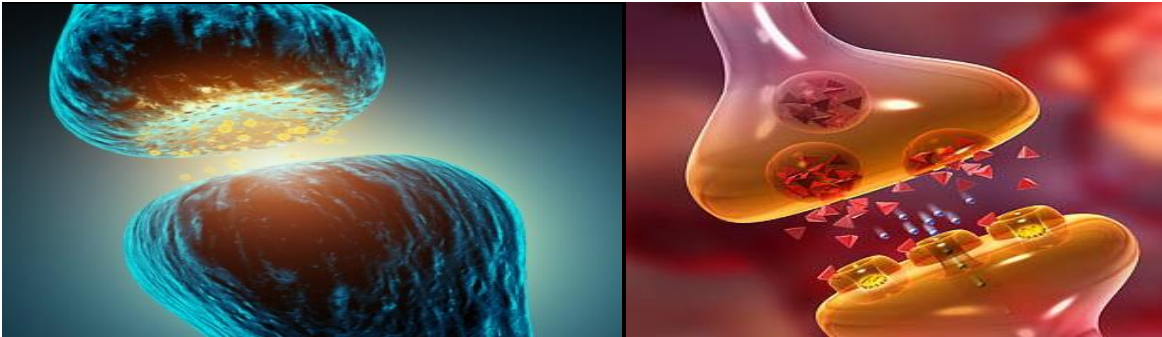
While wind-powered electrolytic hydrogen production systems have been in use since the 1800s, Henry Ford had also been engineering all of his Ford vehicles to run on ethanol that he was making from his cannabis crops, which was half of the cost of gasoline. And by the 1930s, Ford's scientists had also discovered how to make non-toxic automotive plastics from the resins in the cannabis seeds that were 30% lighter and ten times stronger than steel. Details of Ford's cannabis cars are in the book, "The Emperor Wears No Clothes" by Jack Herer, as well as a YouTube video "The True History of 'Marijuana.'"

Cannabis is four times more efficient than corn as a biomass crop, it does not require any toxic oil-based fertilizer or pesticides, and Ford was demonstrating how cannabis could easily replace oil and other fossil fuels. But Treasury Secretary Andrew Mellon, who was also the head of Gulf Oil, and the principal investor in DuPont Chemical Corporation's patent to make plastics from oil instead of cannabis, had a plan to stop Ford. He simply had his lobbyists change the common name of "hemp" to an unknown word "marihuana," which was called a dangerous drug and made illegal, with no recorded vote in either the House or Senate, and over the objections of the American Medical Association, whose representative, Dr. William Woodward testified that cannabis was not a dangerous drug, and Woodward also refused to use the slang word marihuana, which he said was a "mongrel" term that had no place in medical science. Woodward's testimony is available online and is also posted on the PhoenixProjectFoundation.us website,

Well over \$1 trillion has subsequently been spent to arrest over 45 million otherwise innocent American citizens for a crime that has no victim, with sentences more severe than for first degree murder, in a brutal and blatantly unconstitutional and unsuccessful Drug War. But by making cannabis illegal, every man, woman and child has now been contaminated with over 85,000 highly-toxic oil-based chemicals that were made legal by the same lobbyists who made cannabis illegal. Thus even the unborn children now soak in a witch's brew of poisons from the point of their conception, and the resulting epidemics of cancer, autism and dementia are bankrupting the U.S.

Prior to the Oil and Fossil Fuel Economy, the Cannabis Economy provided the rope and canvas sails that were used on virtually all sailing ships since civilization began some 12,000 years ago. Hemp was the term used by the Pilgrims, and many American Presidents, including George Washington, Thomas Jefferson, John Adams and Abe Lincoln, all of whom were cannabis farmers, according to their farm journals that are now in the National Archives.

The THC in Cannabis is a Neurotransmitter



The neuronal synapse images above show the exchange of neurotransmitters like the THC found in Cannabis that is not a toxic drug, but a 500 million-year-old neurotransmitter that activates a two-way communication system in the brain, which has completely redefined the science of neurology.

The authors of a Scientific American paper, "*The Brain's Own Marijuana*" published in December 2004, are medical professors Roger A. Nicoll and Bradley N. Alger, who found the brain makes its own substitute molecules "endocannabinoids," for the vast "forests" of cannabis protein receptor's, which are now known to have been in the brains and bodies of all vertebrate animals (which includes all humans), for the past 500 million years. Moreover, the body's version of the THC molecule does not stimulate the protein receptors as well as the THC that is found in cannabis plants. These insights stunned these investigators, given that 500 million years goes back to a time before living organisms had left the seas. The Earth's protective ozone layer had not yet been formed from the photosynthetic microbes who were in the process of making hydrogen from water, which released the massive amounts of the oxygen needed to form the stratospheric ozone layer.

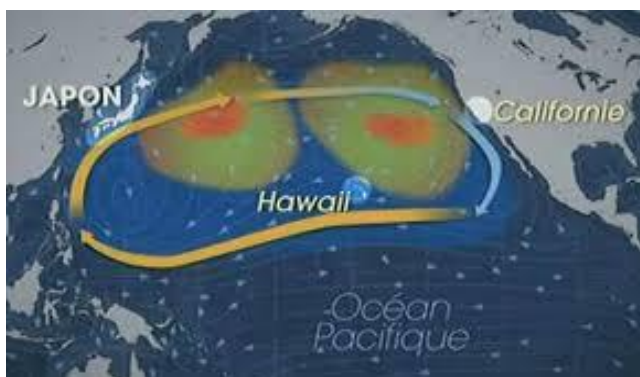
By examining these cannabis molecules, and where they go and what they do in the brain, researchers now know that THC is neurotransmitter that activates a two way communication and signaling system that is present throughout the brain, which is associated with complex motor behaviors, cognition, learning and memory. The synapse images above show the exchange of neurotransmitters. As the journal *Nature Medicine* characterized it in 2003 "The endocannabinoid system has an important role in nearly every paradigm of pain, in memory, in neurodegeneration and in inflammation." The journal notes that clinical potential of cannabinoids' is "enormous." The editors of Scientific American summed it up by called the Cannabis laws "absurd" in 2004.

According to both the American Medical Association and the American Cancer Society, cannabis has been used as a medicinal herb for thousands of years worldwide, and specific cannabinoids, such as cannabidiol (CBD), have been shown slow the growth and/or reduce spread of many forms of cancer. Both the AMA and ACS websites document that cannabis was described in Chinese and Indian medical texts more than 3,000 years ago, to treat a wide range of medical conditions, including angina, intestinal pain, cholera, epilepsy, constipation, gout, malaria, rheumatism, insomnia, vomiting, tetanus, coughs, gonorrhea, bronchitis, absent-mindedness, whooping cough, depression and asthma. Cannabis was used throughout Europe, and it arrived in America on all of the ships at sea, to grow food, fiber and medicine for the colonies. Although George Washington wrote in his journal that the best hemp came from the Native American Indians, which suggests Washington was also smoking cannabis, and that the native American Indians were growing cannabis long before settlers had arrived from Europe.

Some of the most riveting cannabis clinical studies on children have been graphically documented on CNN by medical professor Sanjay Gupta, who now states publically that he and other medical researchers were misinformed about cannabis by the Drug Enforcement Administration. Indeed, if a new non-toxic drug were announced that could be used to treat over 20 different medical problems, it would be called a "Superdrug." Yet the unconstitutional U.S. Drug policy continues to be based on the absurd assumption from oil company lobbyists that cannabis has no medical use. But if cannabis and morphine, which are the "gold standard" of pain medications, were made legal, they would replace most of the multi-trillion dollar toxic pharmaceutical drugs that are now in use.

**The Islands of highly-toxic and non-biodegradable oil-based plastics
would not exist if cannabis plastics had not been made illegal by oil lobbyists in 1937**

Jenna Jambeck, an assistant professor of environmental engineering at the University of Georgia was the lead author in a study that concluded that over 8 million metric tons of plastic wastes were discharged annually in the oceans, that are treated like a toxic waste dump, which is equivalent to five grocery bags of plastic for every cubic foot of coastline in the world. And this amount will double in ten years. Cannabis plastics are, by contrast are completely non-toxic and biodegradable, and also highly-nutritious.



One of the most comprehensive scientific studies published on page one of *The New York Times* in 2003, concluded that over 90 percent of the fish in the global oceans at that point were lost due to overfishing and chemical contamination. The authors of the study obtained their data from the fishing industry's records of how many fish were caught over that past century. Given the death of the oceans, and the climate change chaos that is already destroying major food production systems worldwide, the human community will not survive without indoor Lifeboat Ark Systems.

Hemp for Victory in World War II



In 1942, the U.S. was cut off from most of its sources of hemp in the Far East, and given hemp was a critical and strategic material for the War Department, the U.S. Department of Agriculture (FDA) established a public company to grow and harvest hemp, and the FDA also produced a film, "Grow Hemp for the War" which is now available online at Youtube, that encouraged farmers to grow hemp for the war effort. The film is really a classic, although it is now referred to as "propaganda."

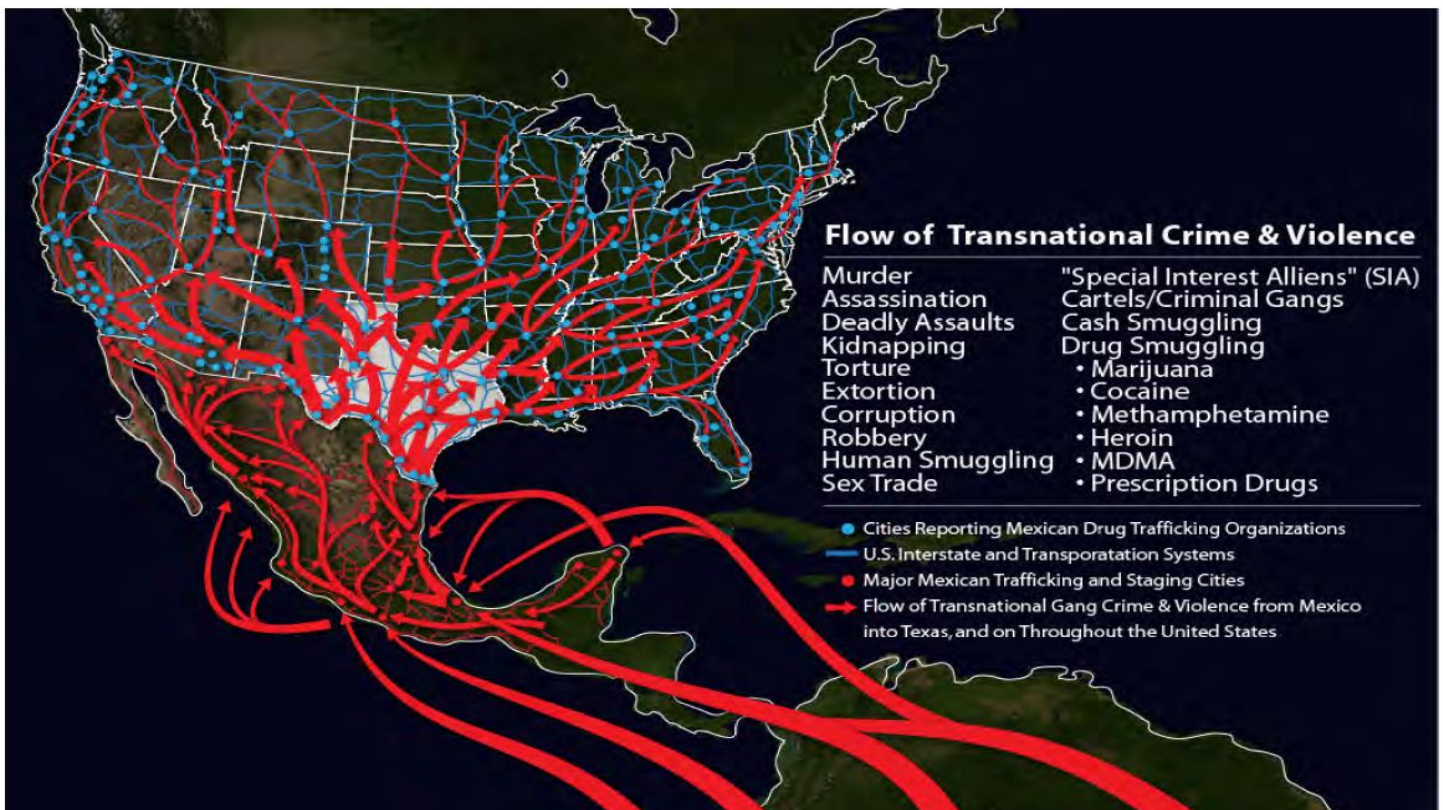
But the film does not mention why cannabis was such a strategically important plant for the war effort. After all, the battleship shown above does not need vast amounts of rigging or sails. But as Jack Herer wrote in his book, *The Emperor Wears No Clothes*, which is also available online at no cost, the chemists at DuPont were far more educated about cannabis (i.e. hemp) than anyone knew, because what made the DuPont family not just rich, but superrich, was high-explosives. And as it turns out, DuPont secured a secret, no bid, cost plus, exclusive contract to supply the U.S. War Department with its high-explosives in World War II, all of which were nitrated from the cellulose from cannabis plants.

**Ignoring the \$100 Billion a year American Gang Caliphate
with millions of members who could not exist without U.S. Drug Laws.**



Given the \$100 billion dollar a year drug business with millions of violent gang members is out of control, the U.S. Drug laws, which are clearly unconstitutional, should be repealed immediately.

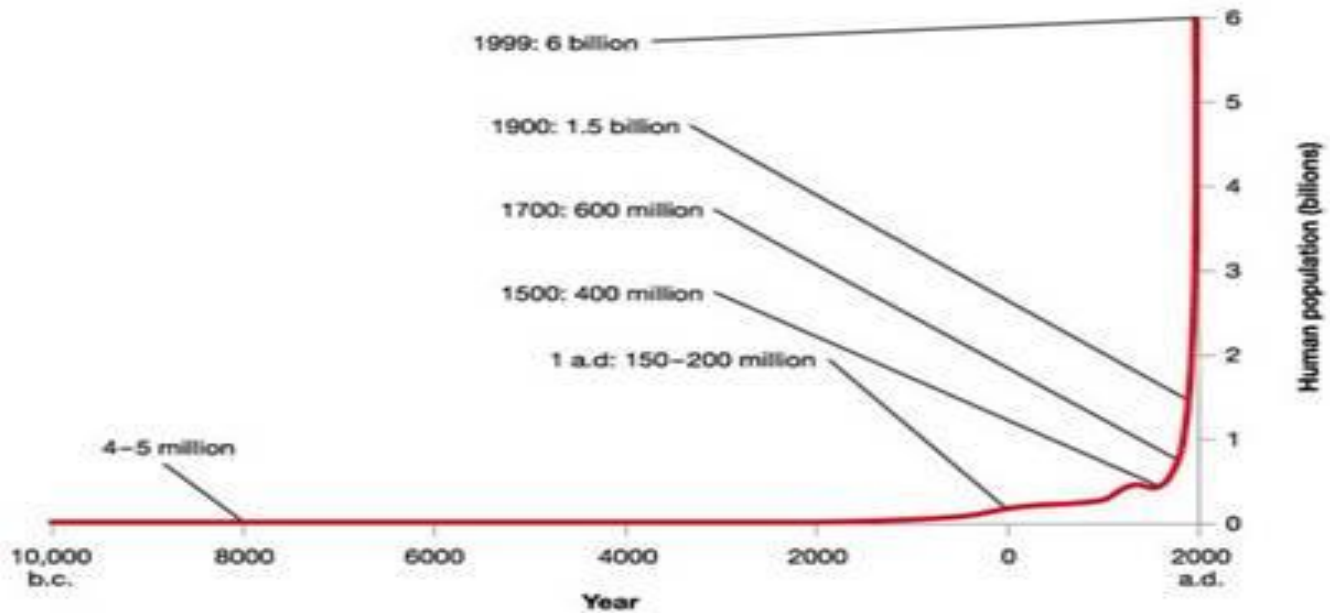
According to the Federal Bureau of Investigation (FBI) website, at least 1.4 million gang members from Central America have established their own \$100 billion a year Caliphate in the U.S., which has never acknowledged U.S. borders or laws. The FBI report verifies the number of gang members is obviously much higher, because millions of such individuals do not participate in the census. This American Gang Caliphate clearly dwarfs that of ISIS, and ironically it could only have happened because of the oil and chemical company inspired U.S. cannabis and other drug laws, which have transformed the violent and brutal criminal gang drug lord's into billionaires.



According to the FBI, gangs are now responsible for over half of all of the violent crime in the U.S.

Immigration and Overpopulation

Given the Population Explosion is now entering its final exponential stages, Comprehensive Immigration Reform must follow the U.S. Constitution to protect the American People, and terminate any new Immigration to the USA.



Ignoring Overpopulation is a Policy of Mass-Suicide.



One does not need to be an attorney or Supreme Court Justice to understand the meaning of Article I Section 8 of the U.S. Constitution, which clearly states that "the Congress shall have the power to provide for the Common Defense and General Welfare of the United States;" and "establish a uniform Rule of Naturalization." As such, any presidential executive order that changes the existing Congressionally-approved immigration law (even though it has never been enforced), is clearly unconstitutional. President Obama repeatedly stated on video tape over 20 times that any executive order on amnesty or immigration was illegal, yet he just signed such a blatantly unconstitutional law.

It is also important to note that the 14th Amendment has also been ignored and misread, which was adopted after the Civil War to insure that former slaves would become U.S. citizens. But in the Supreme Court "Elk vs Wilkins case" in 1884 clearly states that the citizenship status children born in the U.S. only applies to individuals who the U.S. government has "Jurisdiction" over. Thus children born from embassy officials, or from foreign nationals who would enter the country illegally, are clearly not citizens. Yet millions of such illegal voters are already influencing U.S. elections.

Numbers Matter

As the number of people increases, the significance of each individual decreases. Even if one additional person or other animal enters one's space, it fundamentally changes the nature of one's thoughts and behavior. And as the number of individuals increases, the social, psychological and environmental impact is exponentially changed. Animal studies have consistently shown that increasing the numbers of animals in a given space will correspondingly increase anger, aggression and violence of the animals. New Yorkers have often been known for walking past individuals who are dead or dying, but this is a perfectly natural response when overpopulation takes place.

Consider opening your front door and finding a single hungry puppy, verses a thousand hungry puppies. A CBS 60 Minutes broadcast had a fascinating comparison of the city of Venice in the 1940's compared to the present Venice, which now has thousands of tourists who are packed daily into standing room-only spaces, and who leave vast quantities of trash and human wastes that end up in the rivers. And this exponentially worsening overpopulation problem is now going critical worldwide. Given economic policies of growth and overpopulation are unsustainable, and are primary factors contributing to the global mass-extinction event now underway, it is imperative to focus all available resources to shift to a "Stable State" solar hydrogen energy, economic and indoor food production systems that will be able to operate in spite of the climate change chaos that the Investigators from the National Academy of Sciences and Pentagon have reported are already impacting food production systems worldwide.

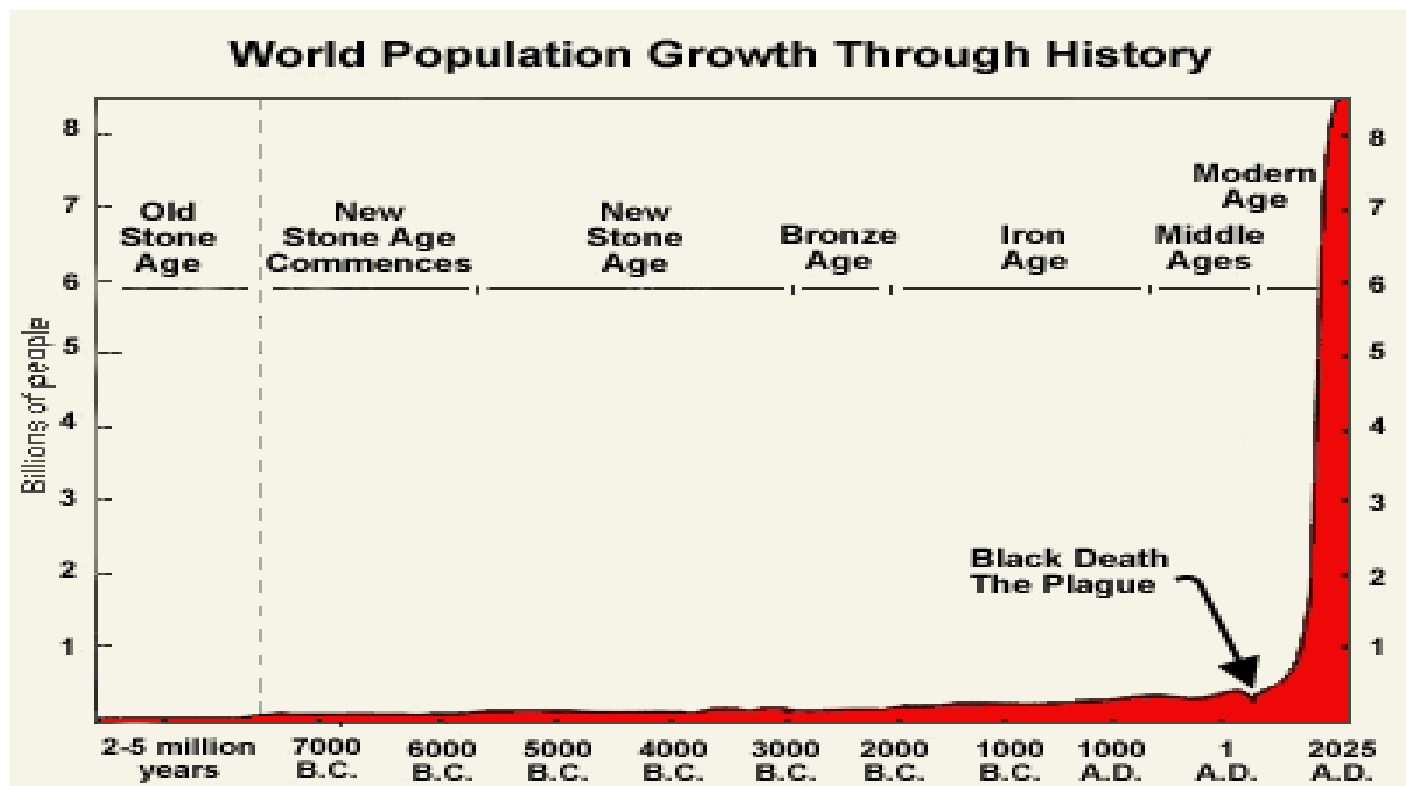
Quality of Life



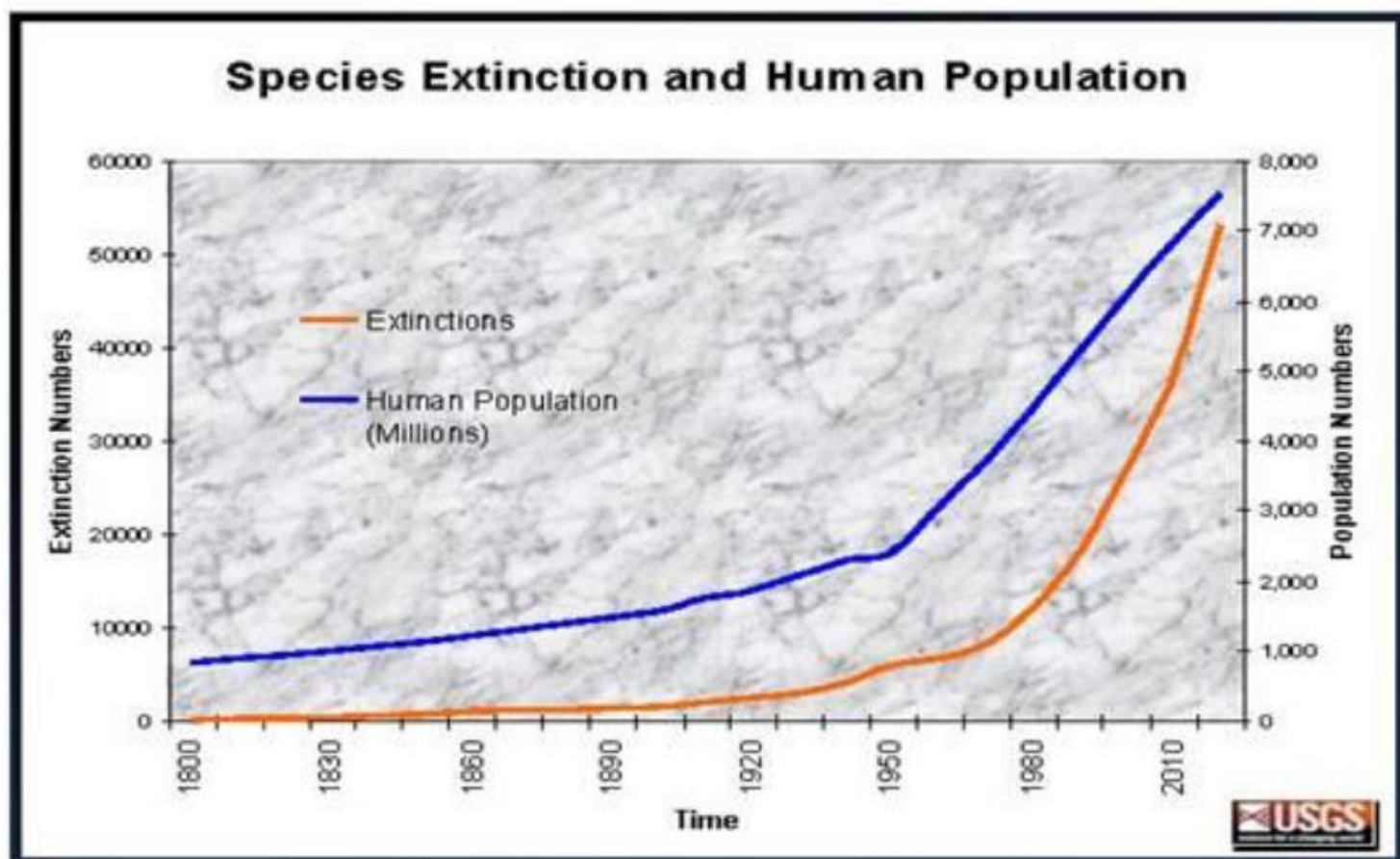
Numbers Count when it comes to Life, Liberty and the Pursuit of Happiness

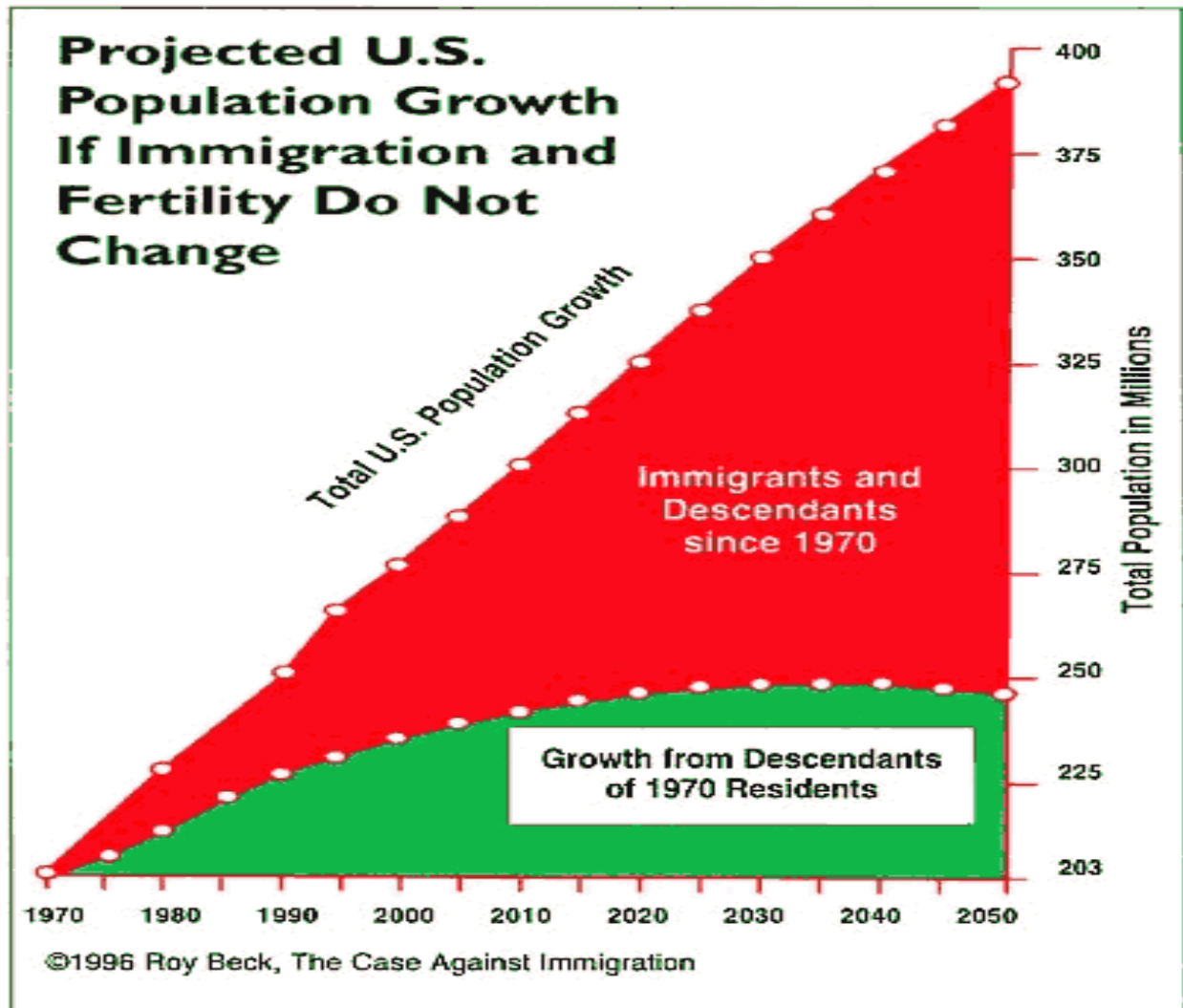


Which enviroment would you prefer?



The human population explosion is the elephant sitting in the room that is utterly ignored in immigration and abortion debates.





Note that without immigration, the U.S. population would have peaked by 2030.

The graph shown above was provided by NumbersUSA.com, where the immigration numbers shown in red are only for legal immigrants, because at present, no one in the government or private sector knows how many illegal foreign nationals are now in the U.S. Some people say there are 11 million, although the 11 million number has been used for many years, and some say there are over 150 million. But absolutely no one in the government or private sector knows the real number, which is also a violation of the U.S. Constitution.

Moreover, a reasonably accurate number could be determined if the U.S. Congress would vote to require that all energy and water utility companies determine the citizenship status of their customers. Once the citizenship status has been verified, a U.S. citizenship photo ID card could then be issued, so Americans would not have to use their highly-confidential social security numbers for identification purposes. Yet such a proposal has never been considered.

President Obama has instead dictated an unconstitutional executive order to provide legal jurisdiction to an estimated 5 million illegal nationals, although the real number could be 50 million. This is indeed treason to the existing constitutionally verified citizens for a number of reasons, including the fact that illegal immigrants, unlike U.S. citizens, are provided with free legal representation, free education and free health care, while taking both low and high-paying jobs from Americans; determining the outcome of U.S. elections; and greatly increasing the population density that profoundly decreases the quality of life, all of which is an important part of pursuing life, liberty and the pursuit of happiness.

The Earth's 6th Mass-Extinction Event



The National Academy of Sciences has testified that the climate change mass-extinction event is being caused from the continued use of oil and other fossil fuels, yet both Republicans as well as so-called Democrats are both actively involved in accelerating the Oil Wars and Oil Boom now underway.

Given the overpopulation crisis that now exists in the U.S. and virtually every other country in the world, it is now highly-irresponsible to continue to allow any additional immigrants come to the United States. Climate change (upper left), government bribery (center) overpopulation and chemical contamination are all major factors that are causing the Sixth Mass-Extinction event in the Earth's four-billion-year-old history, which was highlighted on the cover of *Time* on April 13, 2013 (shown above on the right).

Overpopulation of humans or other animals is very similar to malignant cancer cells killing their host organism because of their uncontrolled growth. But the USA already has over 50 million people living in destitute poverty, most of whom are children drinking contaminated water, breathing contaminated air and eating sugar-based junk foods, with another 95 million Americans who are chronically unemployed and virtually all of the unborn children are now soaking in a witches-brew of potentially tens of thousands of different chemical poisons from the moment of conception, that are now in the umbilical cord blood of the mother. While President Obama has plenty of time for golf and fundraising (and by the way his campaign organization gets to keep whatever they choose not to give to other democratic party candidates), the Obama administration has done nothing to inform the public of this secret and deliberate corporate chemical contamination of the American people.

The Obama administration promised change, but continued to pursue the same tragic policies of George Bush, including the suicidal policies of growth, oil wars, banker bailouts and the use of more and more fossil and nuclear fuels, rather than implementing a sustainable, stable-state solar-hydrogen-cannabis energy and economic system, which existed prior to the oil companies making cannabis illegal in the 1930s. After receiving the Noble Peace Prize, Obama began escalating the war in Afghanistan as well as bombing unknown people with highly-radioactive munitions in numerous foreign countries with swarms of drones, while launching unconstitutional oil wars for Chevron, Halliburton and their partner Exxon in Ukraine and throughout the Middle East.

Nor has the Obama administration or any Member of Congress focused on the catastrophic super volcanic eruption in Mammoth, California, that could be triggered when the Pacific Plate slips, and subsequent shock wave could well trigger the super eruption in Yellowstone, which will end growing seasons worldwide for years. And, the only thing that will allow humanity and the American people to survive, are mass-produced indoor "Lifeboat Ark" food production systems in every community. Yet the U.S. government has wasted trillions of dollars bombing and contaminating people abroad for oil companies, which involves defending the phony borders in Iraq, while ignoring the phony borders that are being overrun by millions people in the USA.

Yellowstone



General Viktor Bondarev

Chief of Staff of the Russian Air Force

“A catastrophic event may be nearing for the North American region”

According to General Viktor Bondarev's report in 2014, a “severe magnetic anomaly” was detected by the Russian Kosmos 2473 satellite on 3 June occurring in the Yellowstone region of the Western United States. This anomaly resulted in what was called an unusual “earthquake swarm.” This information was verified by the United States Geological Survey (USGS) magnetic anomaly maps and data for North America showing an unusual magnetic “disturbance ripple” emanating from Brooks Range and ending at Yellowstone on 3 June.

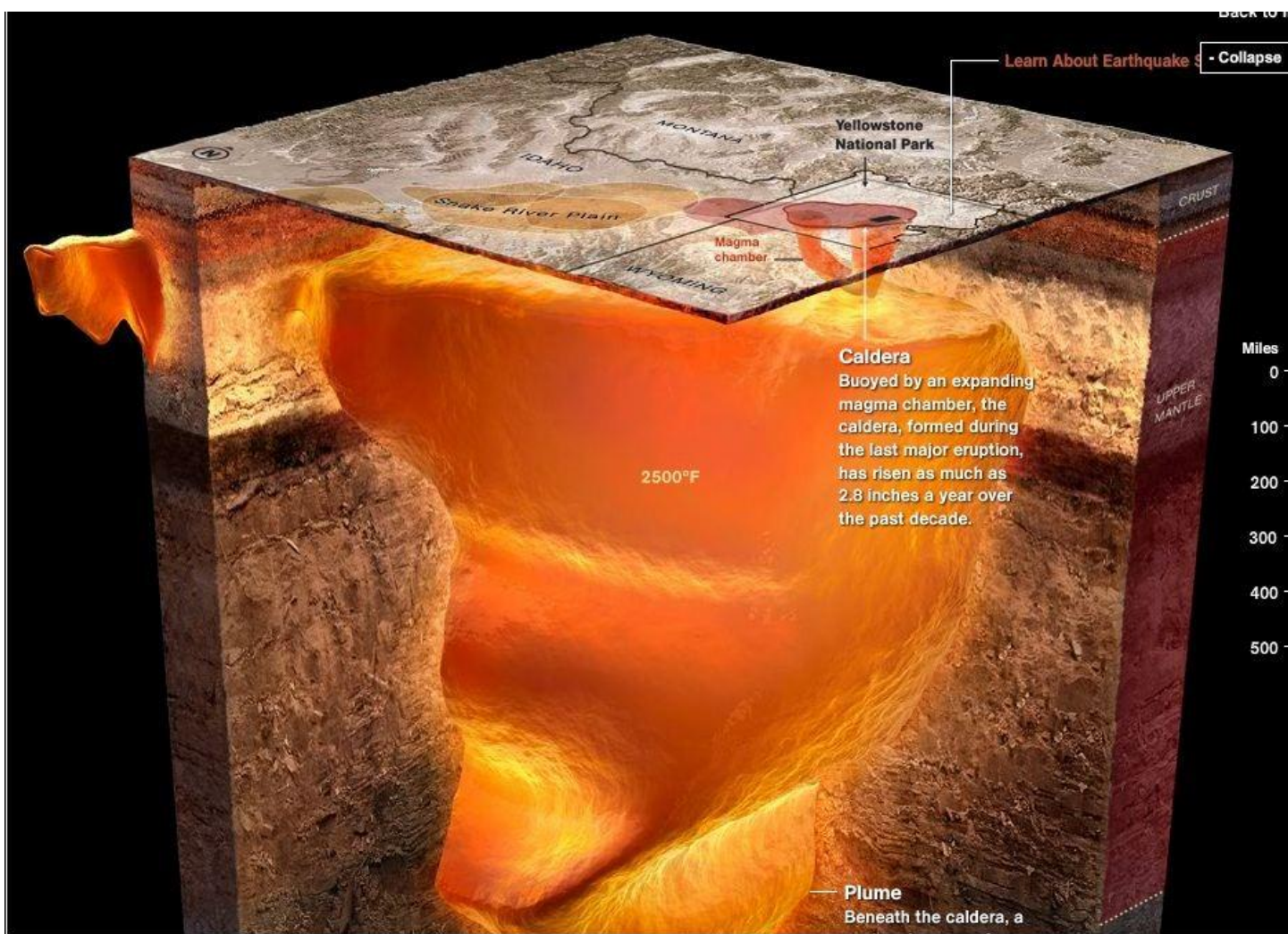
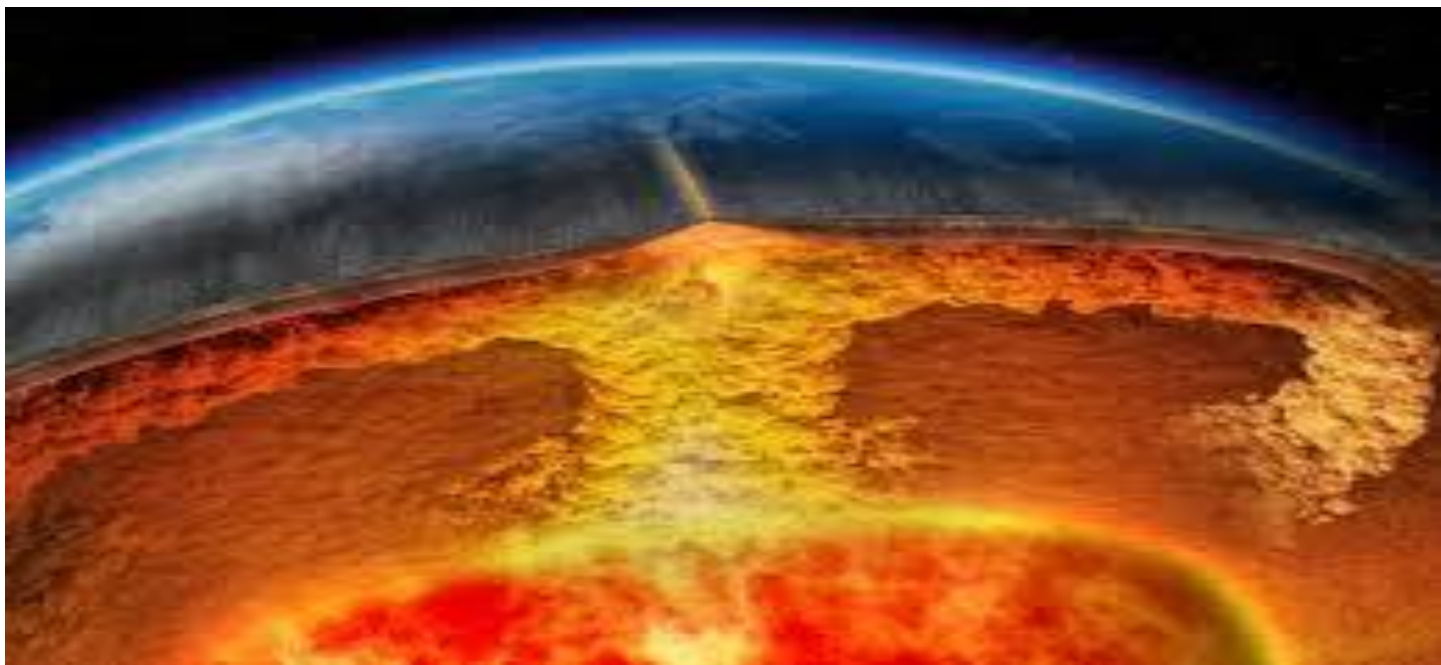
General Bondarev also stated that “the Obama regime and its allies have an acute awareness regarding this potential ‘cataclysmic event’ due to their sudden request to have Chinese Navy warships participate in their annual Rim of the Pacific (RIMPAC) exercises.” The 2014 RIMPAC exercise is the largest international maritime event in modern history involving 55 vessels with more than 200 aircraft and some 25,000 personnel from 22 countries, who went on their “highest alert”, this report says, a few hours after the 5.2 Arizona earthquake.

What is alarming is that the Obama administration apparently has decided not to inform the American people about what will surely be the most catastrophic global event since the last time Yellowstone erupted some 640,000 years ago. And to make matters worse, there is another supervolcano in Mammoth, California that could also erupt tomorrow, and one super-eruption will likely trigger the other. Even one super-eruption will be a global catastrophic event because the light ash will diffuse into the atmosphere and stratosphere worldwide, which will block direct sunlight, thereby ending conventional growing seasons for at least 3 to 5 years, depending on the scale of the eruptions.

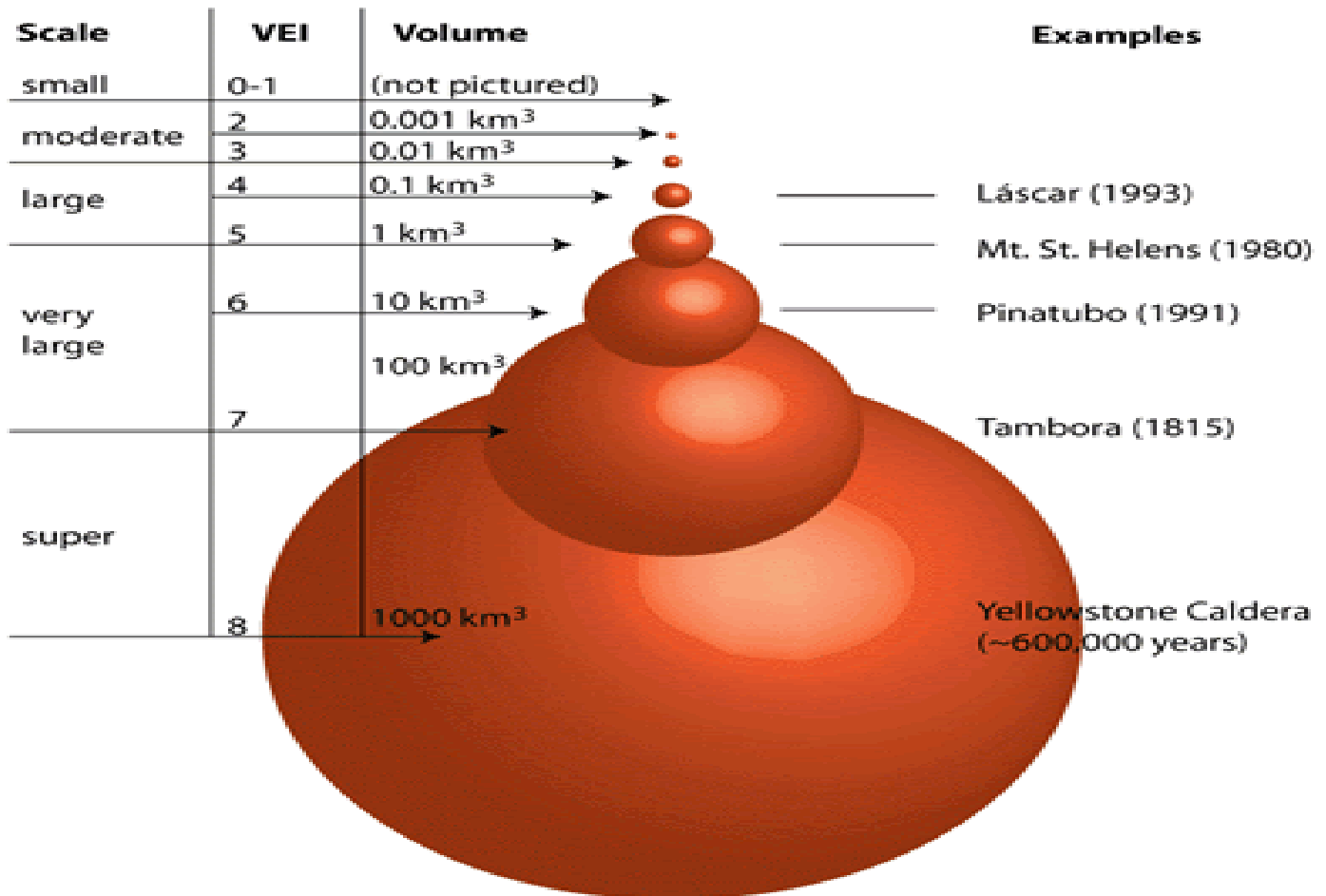
Yet in spite of the scale and scope of this disaster, the general public in the U.S. and worldwide is completely unprepared for what is coming, and the resulting chaos will insure that few people will survive, compared to the millions that could be saved if the wind-powered Lifeboat Ark systems are operational in each community. In the hopeful event that the super volcanic eruptions are not imminent, the Lifeboat Ark systems are still be needed due to the global climate change chaos that is already destroying food production systems worldwide, and the on-going nuclear meltdown that has been forgotten in Fukushima, Japan, to insure that the highest quality, poison-free air, water and food will be made available to all American citizens. T

his lack of candor is no doubt due to the fact that no one in the Obama administration has a clue as to what to do in the event of such a catastrophic eruption, so they say nothing. After all, no one can state with any certainty exactly when any volcano is going to erupt. However, it is equally true that such major eruptions are not a question of whether -- but when.

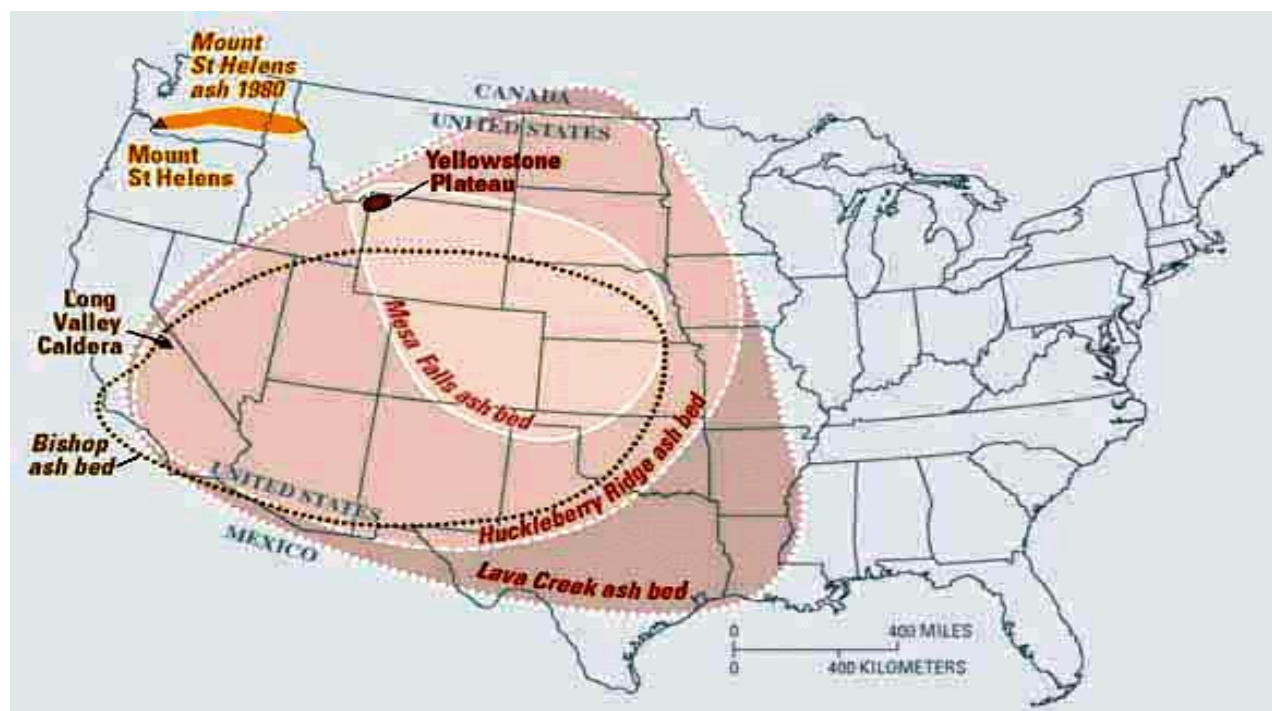
Yellowstone is the largest Supervolcano on the Earth.



Volcanic Caldera Comparisons



Heavy Ash Fallout from Past Eruptions

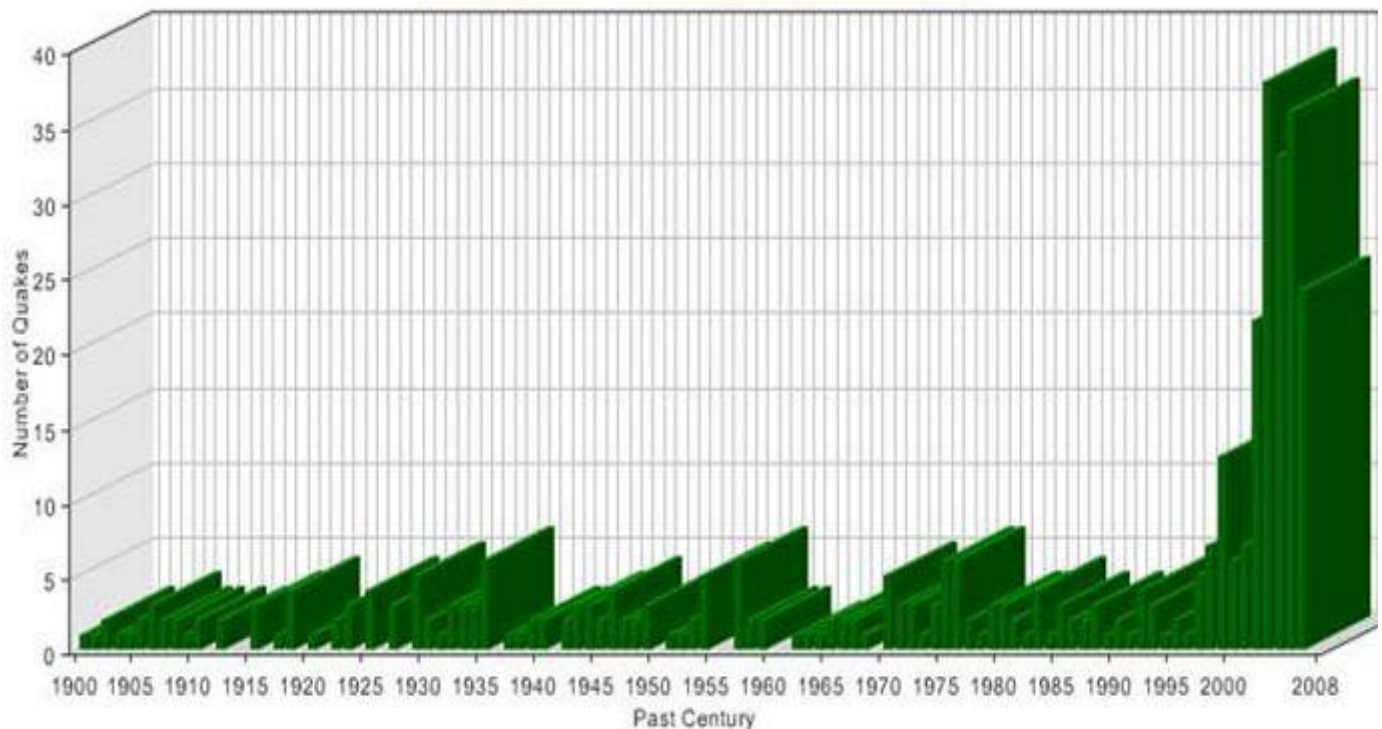


As the light ash from a super-eruption diffuses worldwide, conventional agricultural systems will end for several years, depending on the size and scale of eruptions. As such, without self-sustaining wind-powered lifeboat ark and community systems in place, It is difficult to imagine how anyone could survive such an event.



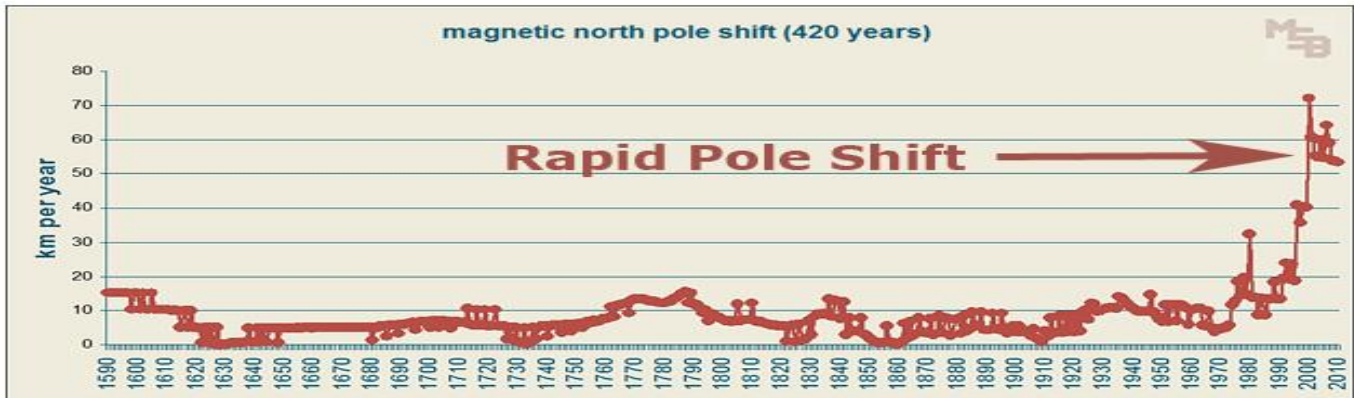
USGS Worldwide Deadly & Destructive Earthquakes between Magnitudes 6 and 8

<http://earthquake.usgs.gov/regional/world/historical.php>

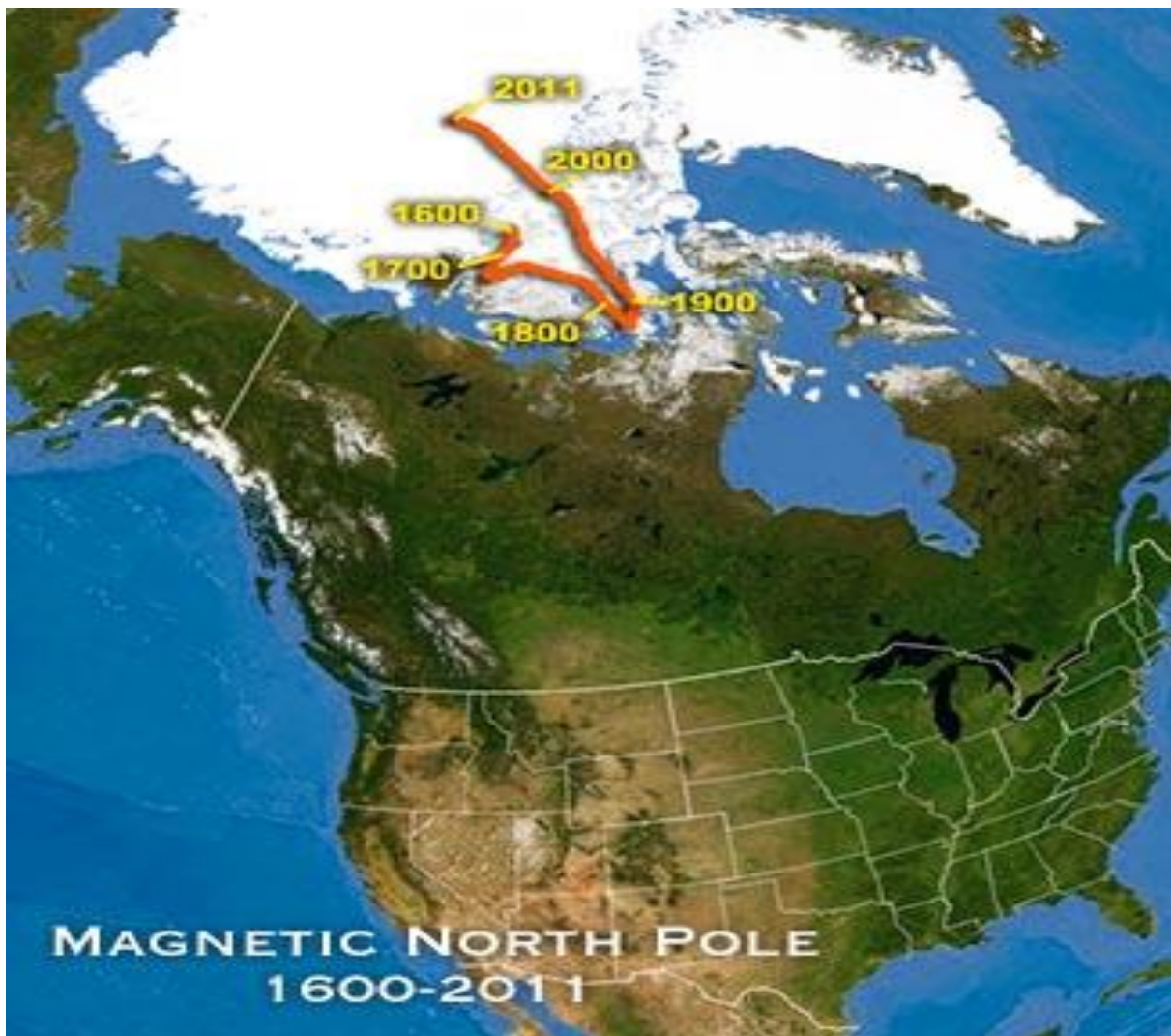


The Yellowstone super eruption is long overdue, and the exponential data on earthquake intensity clearly indicates that it is not a question of whether – but when this catastrophic eruption is going to occur.

The exponential growth of the Earth's Magnetic North is now going vertically off the page.

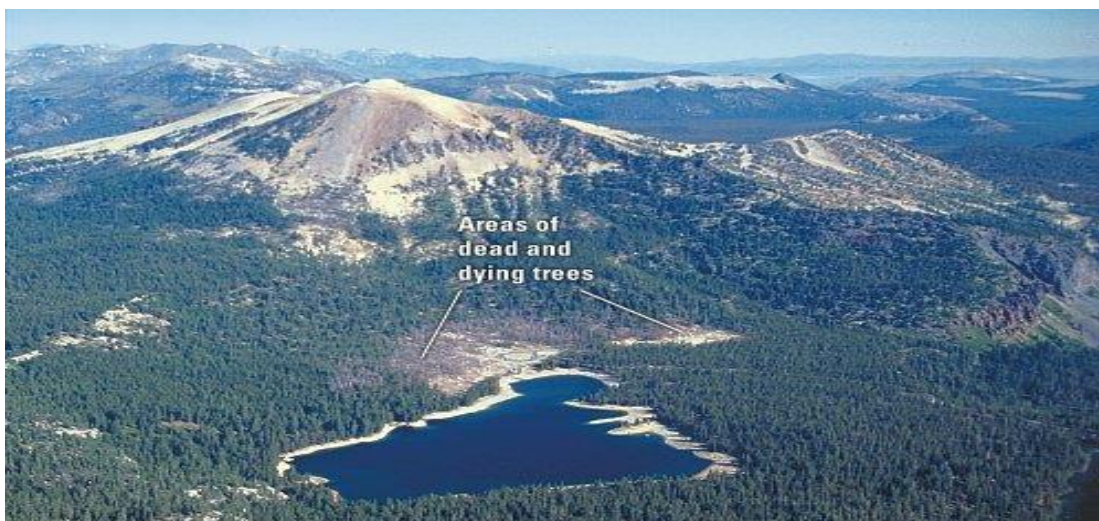
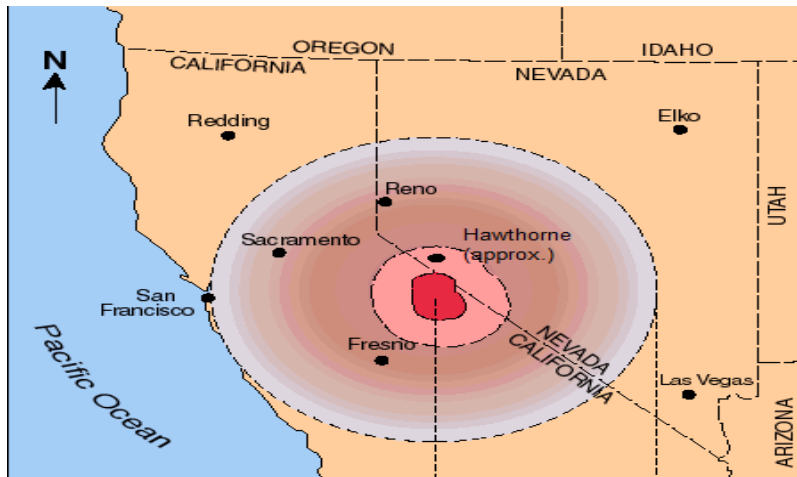


The magnetic North Pole shifts over the past 420 years are directly related to the magma movements occurring deep in the Earth, and as of 2014, magnetic north was moving at over 40 miles per year. This has caused the magnetic north runway settings at every major airport to be updated, but the migrating birds, whales and other wildlife are unable to change the magnetic north in their brains, thus they are increasingly showing up way off course, with deadly results, including for the bewildered Arctic owls that were showing up in southern Florida.

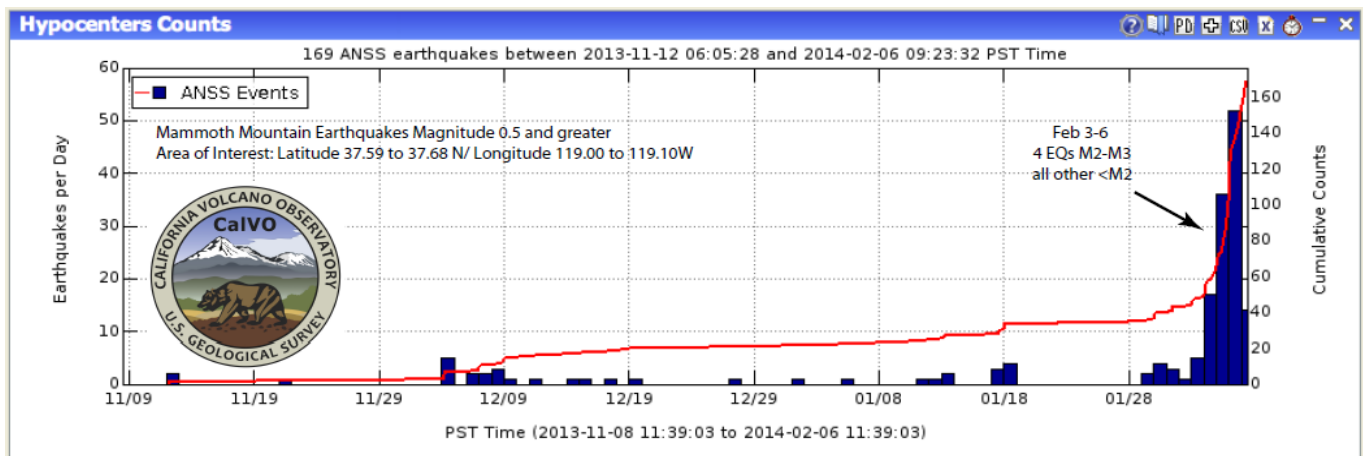


**In addition to Yellowstone,
there is another Supervolcano in Mammoth, California.**

Scientists acknowledge that given the pre-eruption characteristics of the Mammoth supervolcano, which sits on the edge of final element of the Pacific Plate that that has yet to shift, the Mammoth caldera could also erupt at any moment. And it is possible, if not likely, that one super-volcanic eruption will trigger the other.

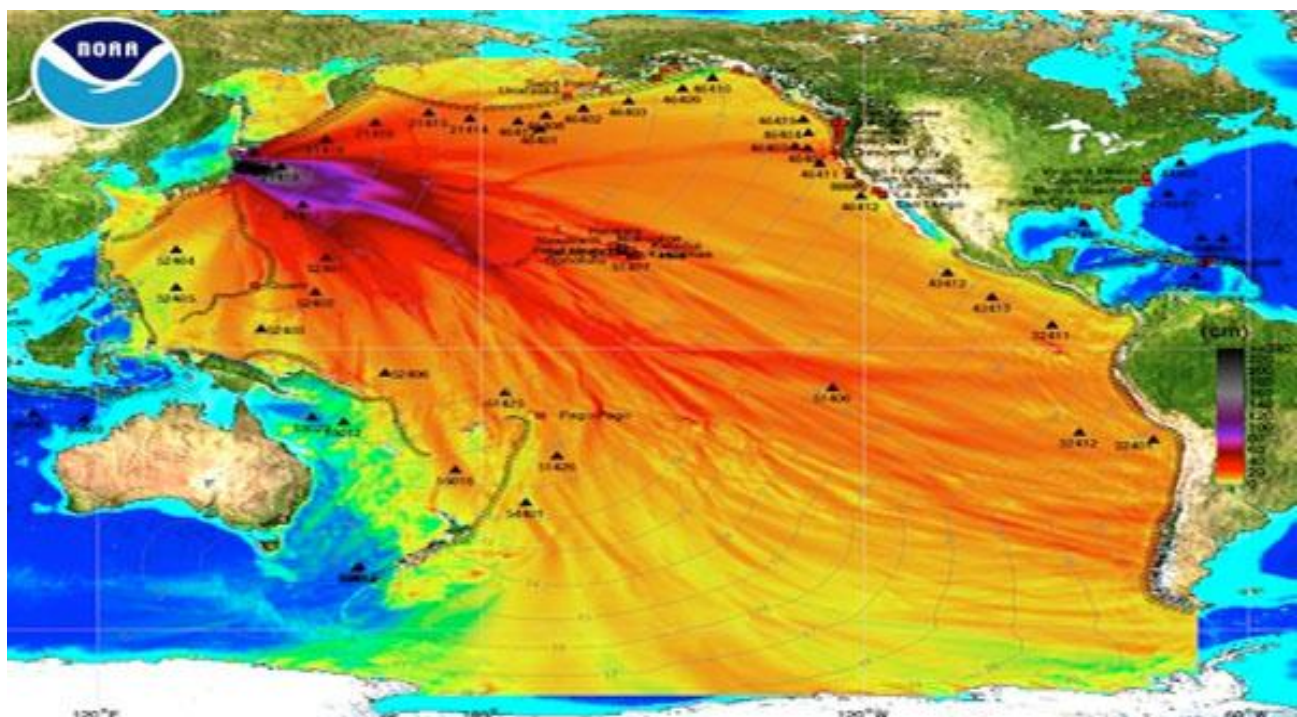
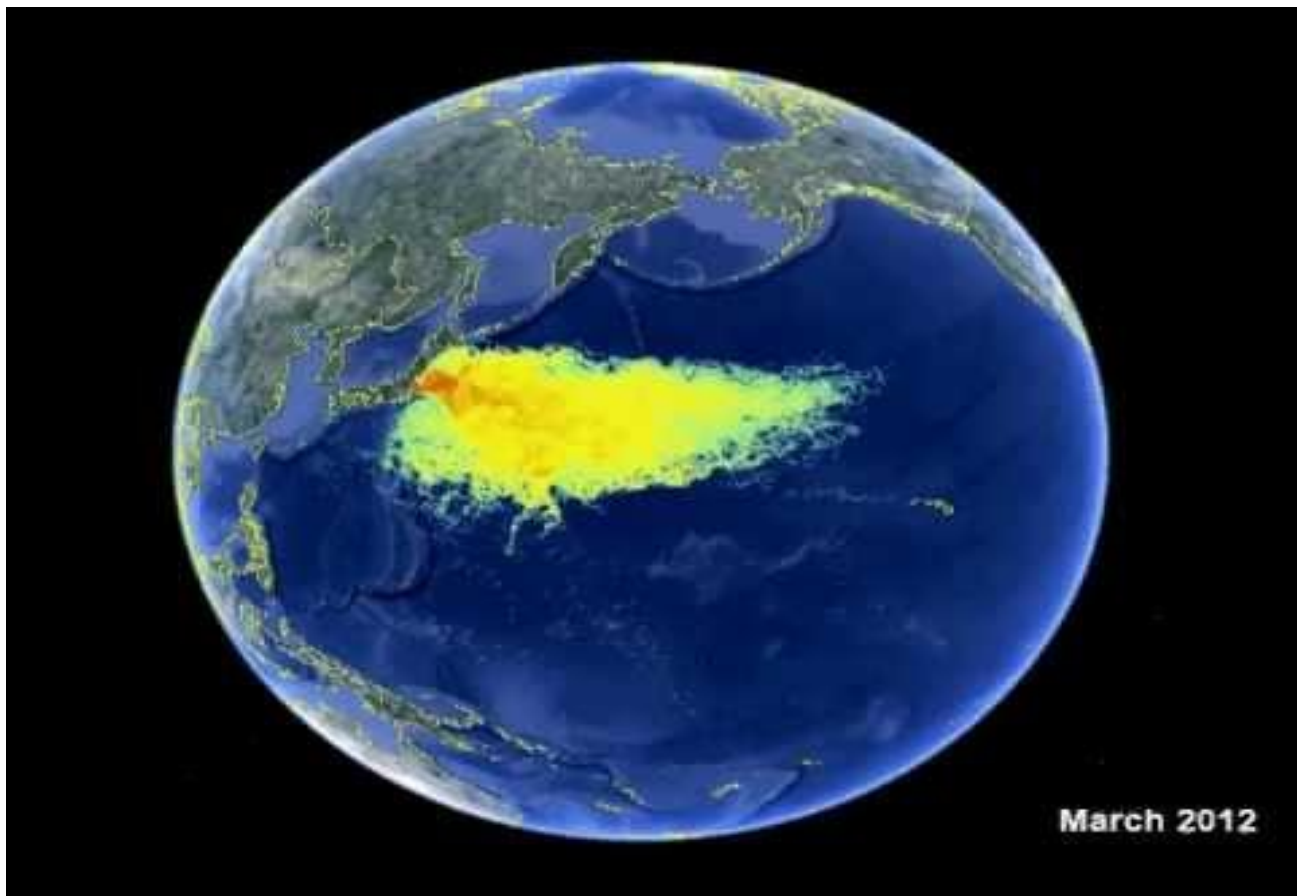


Forests over the Mammoth caldera (shown above) are dying from the heat and gases that are being generated from below, and the data below documents the earthquake swarms are increasing exponentially.



The Diffusion of Radiological Poisons from Fukushima

From March 2011 to March 2012



Fukushima & Pacific Ocean Contamination, January 20, 2014.

There are over 104 Fukushima-type nuclear reactors now operating in the U.S., many of which are over 40 years old, and all of which are suffering from serious levels of corrosion in their primary reactor cores. The longer a reactor operates, the more radioactive it becomes, thus all of the U.S. reactors are highly-radioactive, which accelerates the corrosion process exponentially in the steel and concrete structures, making them ticking-time-bombs. And all of the highly-dangerous spent fuel rods are simply being stored on site, because after over 60 years of effort, no country in the world has figured out a safe and reliable method to store such radioactive poisons for incomprehensible amounts of time, given uranium 238, which is the primary waste isotope, has a half-life of 4.5 billion years. Yet this highly-toxic depleted uranium is now used on virtually all of the U.S. bombs and munitions, and once detonated, the uranium nanoparticles of dust are then distributed in the winds and rain worldwide as a result of the immutable laws of physics and diffusion, as the Nuclear Fallout Map below graphically shows.



This nuclear contamination is utterly out of control, yet the U.S. government continues to ignore the problem and is subsidizing the production of more nuclear facilities instead. .

On April 9, 2013, Dr. Gregory B. Jaczko, former Chairman of the U.S. Nuclear Regulatory Commission, made the following statement to the press:

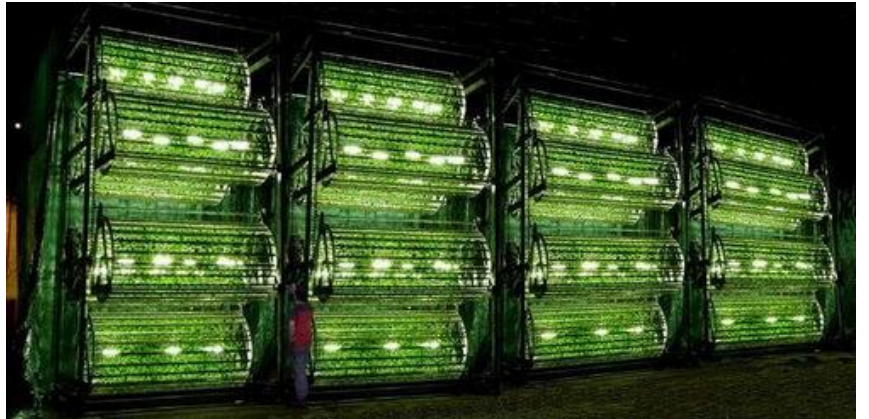
"All 104 nuclear reactors currently operational in the U.S. have irreparable safety issues and should be taken out of commission and replaced."

Jaczko arrived at these conclusions following his analysis of the aftermath of Japan's tsunami-stricken Fukushima nuclear facility, which is still very much underway, given that only about 2% of the uranium in the spent fuel rods has been consumed. While the Japanese are simply pouring sea water over the radioactive reactor rubble, that is hardly a solution given the enormous amounts of radioactive poisons that are released daily in the air and water, where the isotopes will diffuse worldwide.

The problem is that it is simply not technically or economically possible to decommission all of the reactors in the U.S. and dispose of the vast quantities of nuclear wastes. Similar warning were made by engineering professor William E. Heronemus, who designed the hulls for nuclear submarines discussed on pages 10 and 11 of this Testimony, and who testified against the licensing of a commercial nuclear facilities because such technical specifications would never be approved by the U.S. Navy. As this testimony has documented, none of this was necessary, because the nuclear and other toxic fossil fuels were ever needed to power the industrial revolution because wind-powered hydrogen production and engine conversion systems were in use in the 1800's.

“Lifeboat” and larger “Ark” systems

"Lifeboat Ark" indoor organic food production systems are off-grid, wind and hydrogen powered interior spaces, including homes and high-rise commercial office and manufacturing facilities that are optimized and integrated with indoor organic agricultural and animal farming systems. Such systems will be able to produce ultra-high quality poison-free food, regardless of the abrupt climate changes that will only intensify in the future, or other climate change catastrophic events that are also inevitable, including the two super-volcanic eruptions at Mammoth, California and Yellowstone, which are being ignored.

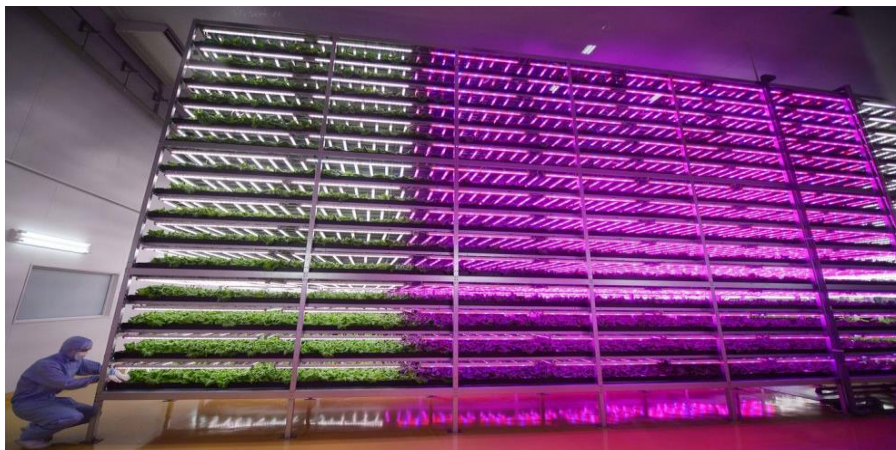


The rotary systems shown above developed by Omega Gardens in Canada uses an automated nutrient-delivery system, and 24-hour light exposure has demonstrated a per-acre increase of 30 times over traditional farming because if plants are provided with light 24-hours-a-day, they will continue growing 24/7.



Compared to existing “sick” buildings, which have unhealthy lighting systems and highly-contaminated air, indoor organic food production systems with lighting systems that simulate natural sunlight will provide optional environments for the health and productivity of both the plants as well as the people who live and work there.

Indoor Organic Factory Farms



Mirai Garden systems focus on optimizing the use of space, water and light.

Mirai in Japan has modified an abandoned Sony factory in Japan near Fukushima, to create one of the world's largest factory farm systems that is made up of modules like those shown above. Mirai designed and constructed this 25,000 square foot network of garden beds that are nurtured by 17,500 LED lights in a bacteria-free, pesticide-free environment, producing about 10,000 heads of fresh lettuce each day. Mirai is now working to scale up this and related technologies, but in order to be a Lifeboat or Ark system the Mirai system would need to be powered with wind powered hydrogen production systems that can power the agricultural systems 24 hours a day, 7 days a week, even with a grid failure.

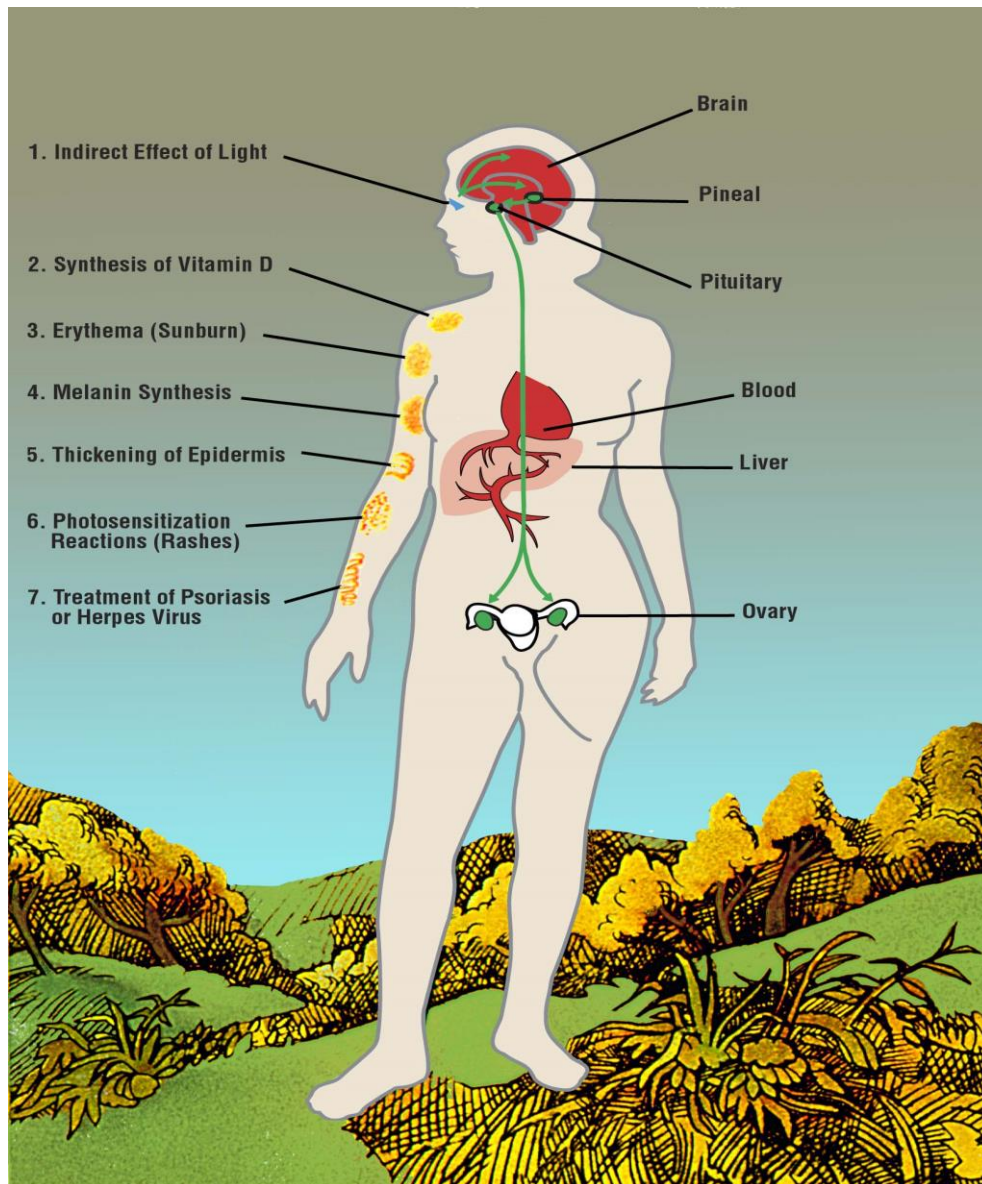
Mirai built a plant factory in the Fukushima area because of the general concern in Japan about the declining rate of domestic vegetable supplies, and how it could be possible to remedy the problem of the heavy dependence on imports. If Mirai can succeed in the Fukushima area, they may be able to succeed anywhere, although it will be interesting to see if it is indeed possible to keep the facility from being contaminated with the vast amounts of radiological poisons in the area.

There are now over 7 billion people on the Earth, and because of the diffusion of chemical poisons worldwide, no one now has access to pure water or uncontaminated food. Water is as critical as energy, yet most of the chemical poisons now arrive in the wind and rain, which is why it is now impossible to grow poison-free food outdoors. Fortunately, the biotechnology that Mirai and other indoor agricultural systems use only a small fraction of the water compared to conventional agricultural systems, and the water is recycled, but thus far they are only growing lettuce and not fruits and nuts.

Moreover, the sterile clean-room environment in the Mirai system, with workers clothed in semi-moon suits, is very different than other indoor agricultural systems in Denmark, the UK and Canada, where even in the middle of winter, the staff are dressed in shorts, sport shirts and sandals, because the balmy weather inside the structures that is optimized for plants, is also ideal for humans. While state-of-the-art LED lighting systems that are used are very energy efficient, at present, they do not simulate natural daylight, but only specific wavelengths that enable the plants to grow.

This is a significant concern because daylight is an intense sea of electromagnetic energy that includes both direct and indirect scattered sunlight, and it has been a critical element in the evolution and of all humans and other primates, mammals, plants, microbes and proteins (i.e. nanobes). Decades of clinical studies worldwide have confirmed that the full-spectra of natural outdoor sunlight is absolutely critical for human health, sexuality and productivity. Yet at present, most individuals in the US. now spend the vast majority of their daily lives living and working indoors, in what are now very "sick" homes and buildings. And the sickest buildings are hospitals and other health care facilities, which are concentrating a new generation of antibiotic resistant bacteria like staphylococcus, over 90 percent of which were destroyed after only 8 hours of exposure to fluorescent lamps that had been engineered to simulate natural outdoor sunlight spectra that reaches the surface of the Earth, down to 290 nanometer wavelengths.

Photobiology: The Biological Impact of Sunlight

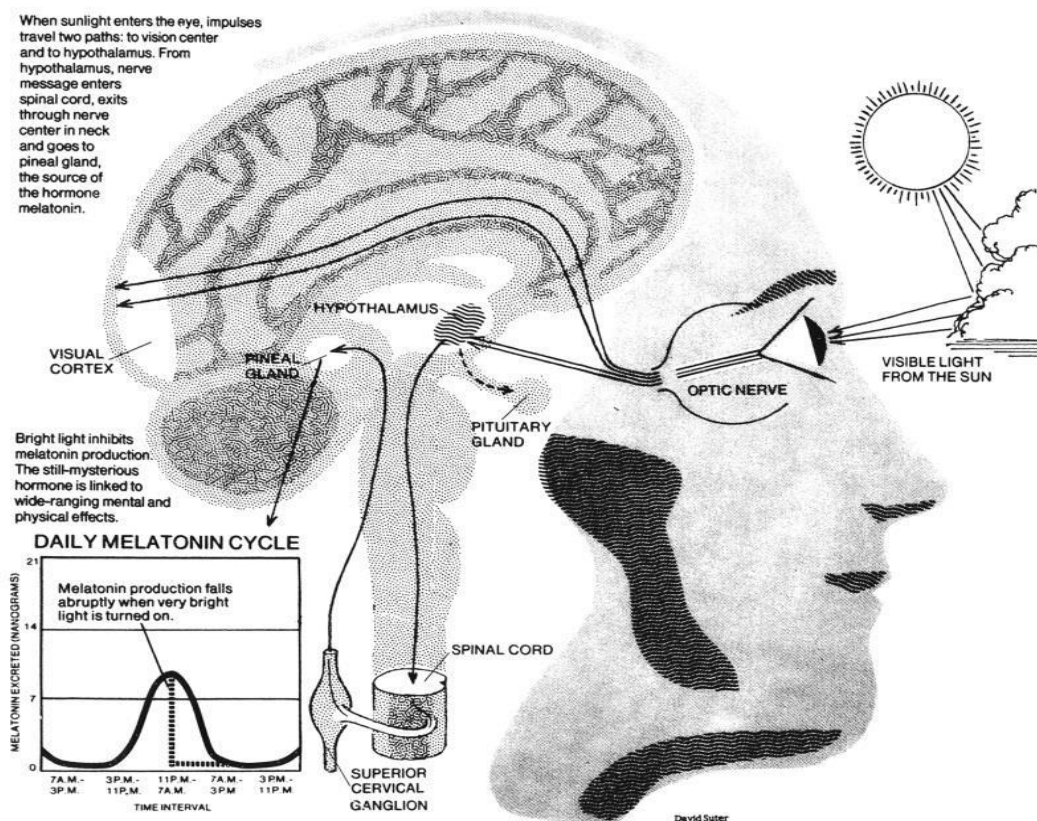


“The Effects of Light on the Human Body”

By Richard J. Wurtman, M.D., Ph.D., *Scientific American*, July 1975

Extensive clinical and medical research worldwide has documented that a lack of exposure to natural sunlight, or lamps that simulate sunlight, routinely induces profound pathological conditions in humans and other animals, as well as microorganisms and green plants. Moreover, the highly-energetic ultraviolet (UVC) wavelengths down to 290 nanometers are critical for the production of vitamin D₃ in the skin, which is actually a hormone that completes its production in the liver and kidneys, as well as the stimulation of the neuroendocrine system via the retina's of the eyes. Yet sunlight deficiency is now epidemic in the U.S. This is due in part to lifestyle changes where most humans now spend most of their day indoors, and ordinary window glass reflects or absorbs the biologically active UV spectra. Since the 1940s, architects and engineers began designing energy efficient buildings with windows that cannot be opened -- or without windows at all. Thus most urban inhabitants have been inadvertently sealed-off from the intense sea of electromagnetic energy that humans and other primates have evolved to for eons, which is made worse by the wide-spread use of sunscreens, which has profoundly serious health and financial implications for the U.S. and its population.

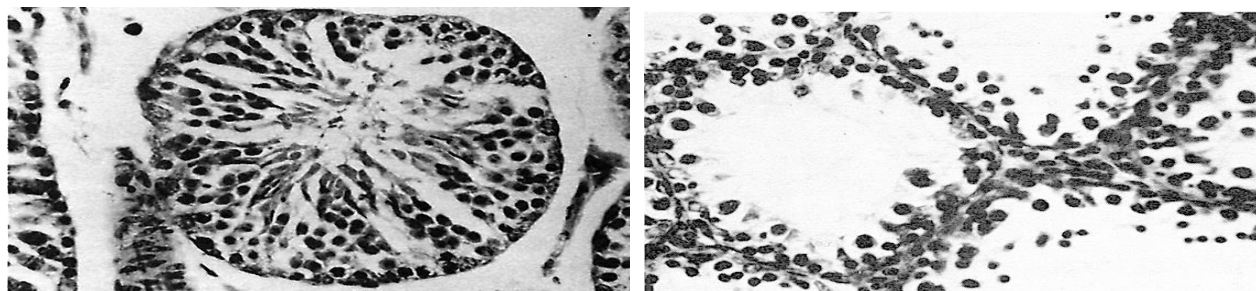
Ultraviolet Stimulation of the Neuroendocrine System



The image above was initially published in The New York Times.

The image above shows the UV spectra being absorbed by specialized photoreceptor cells located in the retina of the eyes, where the high-energy UV photons are then transferred in a vast network of neural pathways that travel deep into the brain, where they stimulate the neuroendocrine system, which includes the pineal hypothalamus, and pituitary glands as well as the body's immune system. Every cell in the brain and body has protein receptors for D3, which affects one's mood and state-of-mind, as well as the ability of the body to absorb the minerals from the food that is consumed. And in the event that the D3 hormone is unavailable, the body will take the minerals it needs from the teeth and the bones.

In a study by Harvard University's School of Dental Medicine, 60 golden hamsters were raised under identical conditions, in terms of diet and exercise, except one group was raised under full spectrum lamps that simulated sunlight and the other group was raised under conventional "Cool White" fluorescent lamps, which have been in widespread use since the 1940's. After 15 weeks the animals were sacrificed and examined. The hamsters exposed to the Cool White lamps with no UV had 500% more tooth decay and the caries were 10 times larger than the hamsters that were raised under lamps that simulated sunlight. The animals raised under the Cool White lamps also had smaller bodies, hearts and sex organs, and the sex organs were so malformed that no sperm production was possible.



Hamsters raised on lamps without ultraviolet wavelengths (shown above right) had no sperm production.



Phototherapy vs. Toxic Pharmaceutical Drugs

Most individuals who now avoid the sun, are also seriously deficient in vitamin D3, which is actually a protein-based hormone that is made in the body after cholesterol molecules in the skin are exposed to the 290-nm UV spectra found in daylight, or from lamps that simulate natural daylight. Americans are told to avoid the sun by spending billions of dollars on toxic sunscreens and “synthetic” vitamin D pills, which investigators from the Institute of Medicine have determined do not work in activating the vast numbers of critical D3 protein receptors that are located on virtually every cell in the brain and body.

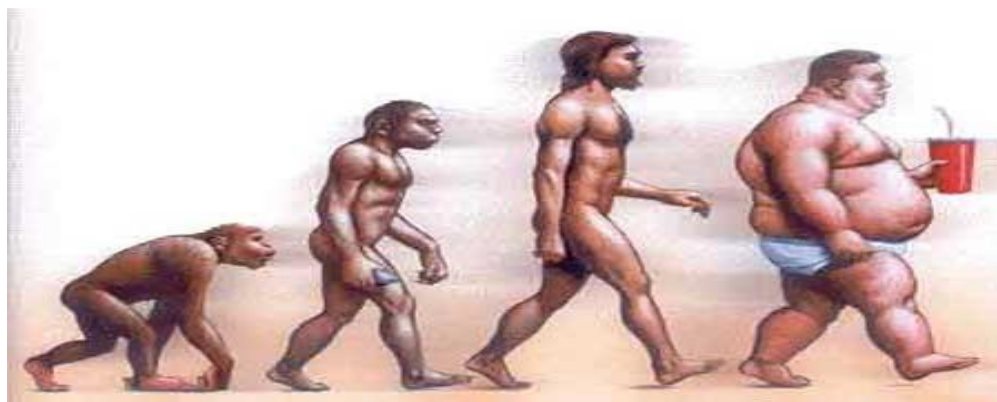
This is because the pharmaceutical method of making a D3 pill uses UVB instead of UVC (i.e. 290 nm) spectra, and then tries to synthetically replace the biochemistry of the proteins in the liver and kidneys, who process the pre-D3 metabolite made in the skin with the 290nm spectra of sunlight. This is causing epidemics of a broad spectrum of diseases, which then makes even more profits for the healthcare corporations. But this commission-based U.S. health care system allows endless advertising for high-priced toxic prescription drugs that are killing millions of Americans annually. USA Today reported that toxic Tylenol pills were marked up 10,000 percent by a hospital, which is systemic of what is bankrupting the U.S., whereas a non-profit hospital would have used the completely-non-toxic, “dirt-cheap,” generic gold standards of pain medicines for the past 12,000 years: cannabis and morphine. However, the Institute of Medicine also avoids recommending sunlight exposure because they believe the pharmaceutical sales misinformation that exposure to sunlight increases the risk of skin cancer, when epidemiological studies worldwide for decades refute such nonsense. Can one die from too much sunlight exposure? Absolutely. But one can also die from too much exposure to water, aspirin, or junk food. Thus as in most things, *it is a question of balance*.

The metabolic functions characterized by professor Wurtman and others document the critical nature of the highly-energetic 290 nm UV wavelength spectra, but rather than encouraging patients to use proper exposure to natural sunlight that is free, they recommend patients purchase synthetic vitamin D pills that do not work. While the pharmaceutical industry states that any exposure to UV wavelengths is dangerous, they fail to mention that if this statement were true, then skin cancer would be common in the epidemiological studies of individuals who spend all day outdoors all year long, especially in the high mountain regions where ultraviolet energy is much more intense because it increases 5% with every 1000 feet in altitude. Yet these individuals are exceptionally healthy, long lived, and cancer free.

While overexposure to sunlight is never advised, especially with individuals who typically avoid the sun, which means their skin is not adapted with a healthy tan. Sunlight is like water, it is critical for life and health, but it can also prove to be fatal if used to excess. Each minute of sunlight exposure on a naked body generates approximately 1000 mg of vitamin D3, and extensive research has shown that moderate exposure to both the visible and non-visible ultraviolet spectrum of sunlight is absolutely critical for the health of not just humans, but all animals and plants. But the natural electromagnetic environment has been radically distorted by carbon-based air pollution, as well as the development of hermetically-sealed energy-efficient buildings with unscientific lighting systems that are focused on producing the largest “quantity” of light per dollar, rather than the sunlight-simulating “quality” of light that is needed by both animals and plants on the Earth, and especially in indoor buildings and Lifeboat Ark life-support systems.

U.S. Agriculture is a \$2 trillion business annually, but it creates the highly-processed, refined sugar and pesticide-laden junk food that is unfit for human consumption, because it is now known to be causing epidemics of obesity, gastrointestinal and heart disease. As Hippocrates observed, “Our food should be our medicine, and our medicine should be our food,” yet the profit motive has made the food unfit to eat, the water unfit to drink, and the air unfit to breathe. Thus even without a supervolcanic eruption or climate change chaos, indoor lighting specifications should be based on simulating natural sunlight.

The Obesity Epidemic



Children in the U.S. are now born obese and over 300,000 obesity-related deaths now occur annually in the U.S. and the cause is clear. In one generation, food and chemical corporations have used the scientific method to optimize the shelf life and addictive nature of the refined sugar-based foods produced in the U.S., which are causing epidemics of heart and liver disease, cancer and diabetes. It is obvious that this highly-processed junk food is made by corporations that are only interested in maximizing profits, which is why the price of a generic antibiotic doxycycline hyclate was increased 8,280 percent during a six-month period from \$20 per bottle to \$1,850.

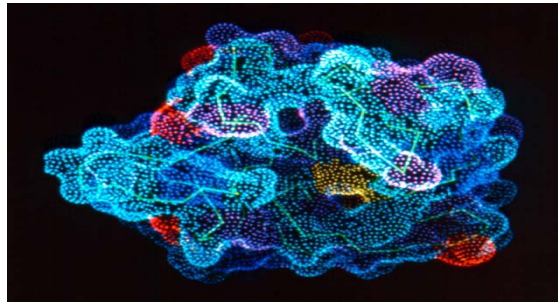
William Davis, author of *Wheatbelly*, recommends avoiding the highly-processed foods in most U.S. supermarkets, which would be illegal if nutritional scientists had any say on the subject. Dr. Davis points out that the wheat now used in bread is not wheat at all, because the corporations like Monsanto have made over 25,000 genetic changes in the plant, which is why two slices of bread now have as much refined sugar, which is eight times more addictive than cocaine, in every eight ounce soft drink. Of equal concern is that the proteins now produced by these human-modified genes have created chaos with the billions of other ancient bacteria in the gastrointestinal track. This is all perfectly legal because the food industry lobbyists wrote the laws that few members of Congress ever read. Dr. Davis suggests that individuals should discipline themselves to eat what he refers to as "single ingredient foods" such as fruit, nuts, honey or vegetables, but even if they are grown organically, they will still not be nearly nutritious as wild foods that have not been modified and sprayed with poisons for profit.

Hippocrates, the Essenes and Jesus

Hippocrates lived in ancient Greece from 460-377 BC, and he is considered to be the Father of Western Medicine, who made many insightful observations during his remarkable medical career, including, "The natural healing force within each one of us (i.e., the proteins) is the greatest force in getting well." and "our food should be our medicine, and our medicine should be our food." Moreover, according to the Dead Sea Scrolls, Jesus had spent considerable time with the Essenes, which was one of the three main branches of Judaism at the time, which consisted of a remarkable community of scientists, physicians and scholars who could both read and write about the teachings of Hippocrates and other scientists of their day. And the Essenes were apparently so impressed with Jesus, that when he left their community, they sent two scribes to follow him and take notes of his teachings in Aramaic, which are titled: *The Essene Gospel of Peace*.

This document, which is available at no cost online, is remarkable for a number of reasons. Unlike the Bible, which has no known authors, this Essene scroll involves specific natural healing instructions for bathing daily, proper exposure to the sun, fasting and eating only live food, where even the wheat in the Essene bread was sprouted with the sun instead of a high-temperature oven that would destroy all of the proteins in the food. Jesus also taught to eat only one (Hippocratic) meal a day and never eat until you are full. The problem is that few Americans are aware of these insights and our food, air and water are all contaminated with over 100,000 chemical poisons that now arrive in the wind and rain. Ironically, the only pure water now comes out of the exhausts of hydrogen-fueled internal combustion engines or fuel cells. And the only poison-free food now available is grown indoors in facilities worldwide pioneered in Denmark, which are now making Denmark wealthy.

The Revealing Science and Image of God



Because of work of molecular biologists over the past century, it is now known that proteins, which operate on a nanometer scale and are therefore “nanobes,” are indeed our biological creators – as well as our real-time operators from second to second. The three-dimensional structures of proteins are so complex that no supercomputer has yet been able to understand or characterize their biochemistry. Nanobes are like the citizens in the city of the cell, but they are also part of a four-billion-year-old, highly-advanced global civilization, which creates and operates the brains, nervous systems and memories of every living organism, from viruses to humans. Even the four-digit DNA molecules only code for building proteins. But the proteins have no defense against molecular poisons like pesticides or gasoline that melt them down on contact.

The nanobial proteins are indeed our biological “creators,” and the highly-toxic oil, nuclear and chemical corporations are now destroying these proteins in every organism worldwide for profit, which was all made legal by their lobbyists. Details are provided in *The Revealing Science of God* and *The Poisoning of America 2014* ebooks that are available on the PhoenixProjectFoundation.us website. But it is clear that the Oil and Nuclear Age of chemical contamination was never necessary – it was just highly-profitable for the oil and nuclear companies.

The poison-free and renewable Cannabis Economy had provided all the chemicals, fuels, fibers and plastics that the oil companies now produce at a much higher cost, which is the real reason why cannabis was made illegal by lobbyists. And there are still vast numbers of otherwise innocent Americans who have been treated no different than the Nazis treated the Jews. The U.S. spent over \$51 billion for the Drug Civil War in 2013, which involved arresting over 1.5 million people, and 693,482 of those arrests were for cannabis, which is a crime with no victim because cannabis has been used as a highly-nutritious and completely non-toxic food and medicine for over 12,000 years, including by Presidents George Washington, Thomas Jefferson, John Adams, and Abraham Lincoln, as well as John F. Kennedy, Bill Clinton, George W. Bush and Barack Obama.

Religious, Spiritual, & Enlightened Scientific Insights from Cannabis



Given vast “forests” of cannabinoid receptors in the human brain have also been in the brains of virtually *all vertebrate species* for the past 500 million years, it is clear that cannabis neural transmitters are completely natural molecules, which have also been manufactured by proteins in the brain since humans and other land-based plants and animals have existed. Given these neurotransmitters allow the proteins in the brain to activate a two way communication system obviously has profound implications in terms of an enlightened perspective from what has been referred to as listening to the “inner mind,” the “cosmic consciousness,” or the “Id.” But from a perspective of molecular biology, this inner consciousness is all tied to our biological creators, the protein-scale nanobes, which are a 4-billion year old highly advanced civilization that has engineered, manufactured and operated every virus and bacteria, as well as every cell in the human brain and body. Thus cannabis use is clearly directly associated with a religious and or spiritual experience, and as such, it is clearly protected by the First Amendment of the U.S. Constitution.

Alcohol and tobacco, by contrast, are well-known highly-toxic and addictive substances that destroy both the brain and organs in the body, and yet these chemical poisons are both legal and socially endorsed, which utterly ignores medical science and the American Medical Association. And note that cannabis is not defined as addictive, because it is completely non-toxic and in fact, a highly-nutritious food. And as this Testimony has documented, the real reason cannabis was made illegal was because it made the Oil Age unnecessary. Thus the so-called “free market” system failed to work because wealth was allowed to concentrate in the hands of a tiny number of people, who are then able to bribe governments and individuals worldwide.

This is why a political democracy cannot survive without some reasonable balance of economic democracy, and that balance should only be determined by the majority of citizens, who need to be reminded that the most successful era in the history of the Middle Class and the U.S. economy occurred during the Eisenhower administration, when the tax rate for the wealthiest Americans was 92 percent. Given this reality, it is important to take action now due to the exponential nature of the problems. This means there is very little time left to “change course” and prepare for what is coming by shifting to a majority rule Democracy that can then return to a Solar Hydrogen Economy (SHE) by 2020. It will then be possible for the United States to return to a Solar Hydrogen Cannabis Economy, which will be able to power the Lifeboat Ark systems that are absolutely critical if humanity to survive and prosper, in spite of the climate change chaos that is now inevitable.

The Key to shifting from a bribery-based Republic to a Majority-Rule Democracy is the Ratification of the following 28th Amendment for Democracy



**“We the People,
hereby empower the Majority of American Citizens to approve all laws,
federal legislation, presidential executive orders, and judicial decisions
that impact the majority of citizens.”**

This 28-word Amendment could never be passed by the existing U.S. Congress, which now has a public approval of less than ten percent, but Article V of the U.S. Constitution allows the majority of citizens to bypass the Congress to ratify amendments, in what are referred to as “Constitutional Conventions” in each State. And the DemocracyAmendmentUSA.net website has the “trigger mechanism” for this online Constitutional Convention, which is an Article V Citizen Ballot that can be downloaded, filled out and mailed as a verifiable paper ballot to the respective Secretary of State, which has the voter registration data for the votes to be verified, counted, and archived.

When the majority of registered voters in 38 states submit the ballots, the amendment is then ratified, at which point it becomes law. The majority of registered voters will then be empowered to become the new U.S. Citizens Congress, which shall then be empowered to approve all laws legislation, presidential executive orders, and judicial decisions that impact the majority of registered voters. Thus the majority of voters will no longer be passive observers but “deciders,” which will then be able to finish the American Revolution for Democracy that was started in 1776. A Universal Mind of over 60 million American voters will then be empowered to outlaw government lobbying and secrecy, while replacing the highly-toxic Oil Economy that is rapidly making the Earth uninhabitable, with a solar-sourced Hydrogen Economy that will power the indoor Lifeboat and larger Arcology Ark food production systems discussed in this testimony that will be able to operate in spite of the climate change chaos that is already destroying food production systems in the USA and worldwide, which is why it is critical to Take Action Now !!!

Switzerland

But what is surprising is that there is one rather remarkable country that has been operating as a Constitutional Democracy for nearly 800 years, and yet it is never mentioned in the U.S. corporate-owned news media, and that country is Switzerland. Republicans are fond of referring to democracy as Mob Rule, but they should tell it to the Swiss, who have not had mob rule or been involved in any wars since their Democracy was formally adopted in the year 1291. And note that Switzerland is surrounded by countries that have continually been at war. Once the Democracy Amendment is ratified, it will then be possible to put an end to government secrecy and bribery, as well as the dysfunctional two-political party system of endless gridlock. It will then be possible to initiate a reindustrialization effort focused on producing only non-toxic energy and fuels, as well as the highest quality, poison-free and renewable food, medicines and other products, as well as non-profit health care, and educational systems that are critically needed in every community.

Utopia or Oblivion

Given the exponential nature of the global energy, economic and environmental problems, a State of Emergency clearly exists as humanity is simultaneously accelerating towards both a technological "Utopia" and an ecological "Oblivion." Utopia in this case is defined as replacing the Oil and Nuclear Age with the Solar Hydrogen and Cannabis Age that will allow the remarkable advances in molecular biology and regenerative molecular medicine and dentistry to continue, which are already essentially ending aging and disease, by identifying an immortality protein called GDF11 that switches on stem cells that are in every person's body, thereby giving birth to a new species: *Homo Immortalis* (i.e., *the Immortalist*). The Oblivion scenario is defined as allowing nuclear, oil and chemical corporations to continue to mass-produce vast quantities of highly-toxic chemical and radiological poisons that are now so "ubiquitous" on the Earth that they arrive in the wind and rain. This global chemical contamination along with the overpopulation and climate change chaos are rapidly making the Earth uninhabitable, thus the decisions made now will determine which future is going to evolve.

Significant Considerations from Thomas Jefferson



"All authority belongs to the People."

***"Hemp (which was the common name for Cannabis in Colonial America)
is of first necessity to the wealth & protection of the country."***

***"I hope we shall crush in its birth the aristocracy of our monied corporations, which dare already
to challenge our government to a trial of strength and bid defiance to the laws of our country."***

***"I believe that banking institutions are more dangerous to our liberties
than standing armies. If the American people ever allow private banks to control the issue of
their currency, first by inflation, then by deflation, the banks and corporations that grow up
around the banks will deprive the people of all property until their children wake-up
homeless on the continent their fathers conquered. The issuing power should be taken from
the banks and restored to the people, to whom it properly belongs."***

***"When governments fear the people, there is liberty. When the people fear the
government, there is tyranny."***

Harry Braun and his wife Dorothy



Harry Braun is shown in New York City with his wife Dorothy, who was his campaign manager in his 2012 presidential campaign. Both Harry and Lucy were the original developers of the \$200 million San Juan Mesa Wind project shown on the right in Eastern New Mexico near Clovis.

Harry Braun is the CEO and senior scientist of Mesa Wind and the Phoenix Project Foundation, a scientific and educational organization that is focused on informing the general public about the importance of shifting from fossil and nuclear fuels, which are highly-toxic and rapidly diminishing, to a Solar Hydrogen Economy with wartime-speed. Braun is also the executive producer of the Science News Network.US & the Democracy Amendment USA.net 527 super Pac, which is focused on ratifying the Democracy Amendment to the U.S. Constitution he has authored.

Braun was born in Compton, California in 1948, and grew up in Denver, Colorado. He completed his undergraduate work in history and science at Arizona State University in 1971, and in consideration of a medical career, he returned to Colorado to work as an assistant in the Surgical Intensive Care Unit at the University of Colorado Medical Center in 1972. He returned to Arizona a year later to attend graduate school at ASU in anthropology, evolutionary biology and the remarkable impact of exponential growth on virtually every aspect of human society, both negative and positive, including the unprecedented knowledge explosion that makes it impossible to know everything. As such, experts typically know a great deal about very little. One of Braun's favorite quotes came from Henry Chadwich, a scholar and theology professor at Cambridge University who said: *"Real truth and insight is never to be found in bits of information or scientific facts, but in the order and patterns that one chooses to make with them."*

Braun taught history, science and anthropology at Thunderbird High School in Arizona for three years before he accepted a position as director of energy research & development of the O'Malley companies, in Phoenix, Arizona. Given Braun's many technical papers on his research into developing a solar-sourced hydrogen energy and economic system, in 1981 he was invited to become an Advisory Board Member of the International Association for Hydrogen Energy (iahe.org), which is the largest and oldest peer-review hydrogen scientific and engineering society in the world, with thousands of PhD-level scientists and engineers as members from over 45 countries. Many of the members are professors as well as scientists and engineers from the major energy, automotive, aerospace and oil industries, since it is not possible to make gasoline from oil without significant amounts of both hydrogen and water.

Braun's other research areas included protein evolution, molecular biology and photobiology, which is the science of characterizing the biological impact of sunlight on humans and other animals. He served as a technical consultant to Duro-Test Corporation, headquartered in North Bergen, NJ, whose engineers pioneered the development of lamps that simulated sunlight indoors. Such lamps were used in many medical and clinical studies in the U.S., and Braun provided technical briefings to a number of universities and medical investigators at the U.S. Naval Medical Command in Washington DC, and the School of Aerospace Medicine at Brooks Air Force Base in Texas. Braun has continued with his photobiology research, which is now focused on using sunlight-simulating lamps in indoor "Lifeboat" and larger "Ark" food production systems that will be able to operate in spite of the climate change chaos.

Braun completed his first book, *The Phoenix Project: Shifting from Oil to Hydrogen* in 1990, which provided an overview of energy technologies and resources, and why the only sustainable energy strategy involved shifting to solar-sourced hydrogen energy systems that made hydrogen from water with sunlight, which is what all photosynthetic proteins, microbes and green plants have been successfully doing on a global-scale for over 3-billion years.

Braun acquired the rights and technology in 1990 to the Solar Dish Stirling technology that had been developed by McDonnell Douglas and Kockums, a major Swedish defense firm that had optimized Stirling engines for non-nuclear attack submarines. This dish system set a new world's efficiency record of 30% for converting solar energy into grid-quality electricity but it was unable to economically compete with wind systems. Thus Braun shifted his focus to wind technology projects, and in 2000 he established Mesa Wind LLC, to develop a \$200 million, 120 megawatt San Juan Mesa Wind Project near Clovis, New Mexico. The project was completed in 2005, at which point the controlling interest was sold to Edison Mission Energy, which now owns and operates the facility, and provides Braun's Mesa Wind company with a royalty as long as the project is in commercial operational. It is why Braun is working to get the USA into the wind business on a scale to displace all fossil and nuclear fuels worldwide.

Braun's technical papers include his "*Solar Gensets for Large-Scale Hydrogen Production*" paper published by the *American Society of Mechanical Engineers* in 1992 and his *Phoenix Project* paper published in the international *Chemical Engineering & Chemical Industry Quarterly* in 2008. He is also author of the Second Edition of *The Phoenix Project: Shifting from Oil to Hydrogen*, a 360-page book and companion DVD that he produced in 2000.

Braun's book documents how the microorganisms on the primitive Earth were exponentially exhausting the hydrogen they were extracting from hydrocarbon molecules in the primordial soup. In order to avoid extinction, the proteins, which Braun refers to as "nanobes," figured out how to extract hydrogen from water with solar energy by engineering a new molecule, chlorophyll, and this process has been successfully working on a global scale for over 3 billion years. In his paper, *The Revealing Science of God*, Braun points out that from a perspective of molecular biology, the proteins are indeed our biological "creators," and they are a 4-billion year old highly-advanced civilization that is at the heart of all life, metabolism and memories.

Braun's book reviews both the positive and negative aspects of exponential growth as documented by physics professor Albert Bartlett at the University of Colorado, whose key lectures are now available on YouTube. The Exponential Age, which includes the knowledge explosion, makes it impossible for any individual to know everything. Thus the most important task is to determine what information is worth knowing. Humanity is on the threshold of both a technological "utopia" of molecular medicine and regenerative medicine, as well as an ecological "oblivion" of the sixth mass-extinction event in the Earth's history, which is already well underway. It is why we on *Spaceship Earth* are all like passengers aboard the *Titanic*, and there is only a limited amount of time left to fundamentally "change course."

Hydrogen is often referred to as the "Holy Grail" of energy because it is involved in all energy systems and resources, but Braun is one of the few technical analysts that have provided a peer-reviewed Phoenix Project plan for how this transition to a solar-sourced hydrogen economy can happen within a 5-year period of time. The key is to mass-produce wind and other solar hydrogen production systems, including cannabis, while modifying every existing vehicle, appliance, power plant and agricultural system to use this pollution-free & inexhaustible fuel.

Braun ran for Congress in 1984 against John McCain, and again in 1986 against Jay Rhodes, in order to promote his plan to shift to a solar-sourced hydrogen energy and economic system. And in 2004 and 2012, Braun ran as an independent presidential candidate essentially on the same basic issues, but since he had no interest in raising money, which he thinks should be illegal in political campaigns, the money-oriented corporate news media ignored his campaigns.

Braun has subsequently been focused on passing and ratifying a 28-word Democracy Amendment he has authored, which will empower the majority of registered voters to approve all laws, and judicial decisions that impact the majority of citizens. Only then will the new United States Citizens Congress be able to put an end to government secrecy, lobbying (i.e., bribery), and the blatant violations of the U.S. Constitution regarding wars, drug laws, access to public airways, immigration and monetary policy. While there is much work to do, in a real Democracy there will be no partisan logjam and dysfunction because a "Universal Mind" of over 60 million voters will be in charge, instead of lobbyists and the elected officials and judges they have been bribing since the American Republic was founded in 1776. But given the exponential nature of the problems, there is not a day to lose.



BraunForPresident.US

Empowering the majority of voters to replace all oil and other highly-toxic fossil and nuclear fuels and chemicals with hydrogen and cannabis made from the sun, wind and water, while directing the U.S. Armed Forces to take the lead deploying hydrogen energy systems while protecting and defending the Earth's Ecological Life-Support Systems.



U.S. Air and Naval Forces will be powered by solar-sourced hydrogen made from seawater.

Sustainable Prosperity without Chemical Poisons

Hydrogen is the Holy Grail for all energy, matter and life in the known Universe, and it was first made from water with electricity generated from wind systems in the 1800's. And because such hydrogen systems are no more difficult to build than automobiles, they can easily, rapidly and permanently replace all of the highly-toxic and non-renewable fossil and nuclear fuels now used in the USA and worldwide, thereby providing a Hydrogen Age of "sustainable prosperity without pollution" by 2020. The key is to ratify Braun's proposed Democracy Amendment with the Article V Citizen Ballot, which can be downloaded as a verifiable paper ballot from the BraunforPresident.US website.

Details on this "transition of substance" can be found on the following key websites:

BraunforPresident.US

DemocracyAmendmentUSA.US PhoenixProjectFoundation.US

International Association for Hydrogen Energy (iahe.org)