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## **Japan's Earthquake - Natural Or Engineered?**

By Stephen Lendman

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An earlier article considered whether Haiti's January 2010 quake was engineered. Despite no corroborating proof, technologies exist to do it. More information below.

On March 11 at 14.46 JST, the earth shook around 81 miles east of Japan's Oshika Peninsula of Tohoku near Sendai, its hypocenter about a 20 mile depth. Measured at 9.0, it triggered a 33-foot high tsunami in minutes, compounding the destructive damage over a wide area.

Of greatest concern is damage to four or more nuclear reactors at Tokyo Electric's (TEPCO) Fukushima Daiichi plant. So far (besides many thousands injured and homeless), those dead or missing number almost 30,000, a total to rise exponentially if the worst Fukushima's fears materialize.

According to some experts, it's no longer speculation. It's reality, though government and media reports deny it, concealing the disaster's magnitude, affecting the entire Pacific rim and Northern Hemisphere.

Nonetheless, on March 29, New York Times writers Ken Belson and Hiroko Tabuchi headlined, "Confidence Slips Away as Japan Battles Nuclear Peril," saying:

Plutonium traces in soil and increasing hazards for plant workers "forced government officials to confront the reality that the emergency measures they have taken to" contain the disaster haven't worked. In fact, conditions are worse, not better, suggesting perhaps nothing can contain this monster, threatening to make northern Japan (the size of Pennsylvania) an uninhabitable dead zone, though it's still too early to tell.

On March 29, London Guardian writer Ian Sample headlined, "Japan may have lost race to save nuclear reactor," saying:

"The radioactive core in a reactor at the crippled Fukushima nuclear power plant appears to have melted through the bottom of its containment vessel (onto) a concrete floor, experts say, raising fears of a major release of radiation at the site." It's already major and increasing.

According to Richard Lahey, former GE boiling-water reactors head of safety research:

"The indications we have, from the reactor to radiation readings and the materials they are seeing, suggest that the core has melted through the bottom of the pressure vessel in unit two, and at least some of it is down on the floor of the drywell. I hope I am wrong, but that is certainly what the evidence is pointing towards."

"The reason we are concerned is that they are detecting water outside the containment area that is highly radioactive and it can only have come from the reactor core." Lahey added that it won't be as bad as Chernobyl. In fact, it's multiples worse from:

- increasing radiation releases, including deadly plutonium;

- spreading them catastrophically across the entire Northern Hemisphere, especially over wide parts of Japan;

- causing permanent contamination; and

-- potentially killing millions from deadly cancers.

According to Dr. Tom Burnett:

"Fukushima is going to dwarf Chernobyl. (Its) reactions are getting worse. I suspect three nuclear piles are in meltdown....When the molten mass (reaches) the water table, (it) will explode (releasing) more radioactive particulate matter. The concrete will melt and the problem will get worse."

It'll continue for months. The only solution is bad; namely, "detonat(ing) a 10 kiloton fission device inside each reactor containment vessel and hope to vaporize the cores."

Nuclear core meltdowns are self-sustaining. Only halting the reaction can stop them. That "require(s) a nuclear weapon....in each containment vessel....(b)ut it will be messy."

On March 30, New York Times writer David Jolly headlined, "High Radiation Levels Found in Seawater Near Nuclear Plant," saying:

Seawater "about 300 yards from the (site contained) iodine-131 at 3,355 times the safety standard, the highest levels reported so far." Each day, they're rising and spreading hazardous contamination. Yet Japan's Nuclear and Industrial Safety Agency's (NISA) Hidehiko Nishiyama claims public health isn't threatened, perhaps waiting for corpses for proof.

"In a separate development, smoke was seen rising from a second (TEPCO Daini nuclear plant) about six miles south of" Daiichi. As expected, NISA and TEPCO officials downplayed it, perhaps again concealing the worst.

Coverup and Denial in America

Despite spreading contamination in America, the Environmental Protection Agency (EPA) stopped measuring radiation levels in eight of its 18 monitoring stations, including California, Oregon and Washington because readings are getting too high.

In addition, Obama's EPA may substantially increase allowable radiation amounts called safe in food, water and the environment. New guidelines

will also permit much laxer long-term cleanup thresholds, greatly endangering public health.

## Five Types of Human Activity Causing Quakes

### (1) Dam construction

Since water is heavier than air, the crust beneath it is greatly stressed, easily setting off mostly moderate shocks. University of Alaska seismologist Larry Gedney explained:

"Since the (Hoover Dam) reached its peak of 475 feet in 1939, the level of seismicity has fluctuated in direct response to water level. None of the shocks have been particularly damaging - the largest was about magnitude 5 - but the area had no record of being seismically active."

According to geophysical hazards expert Christian Klose, dams trigger about one-third of human-caused quakes. No wonder given their global proliferation, 845,000 according to Discover magazine, including 80,000 in America. Hoover Dam is the largest, storing 1.2 trillion cubic feet of water. China's Three Gorges Dam is the world's largest, holding back 1.4 trillion cubic feet. In 1967, western India's Koyna Dam may have caused a 7.0 magnitude quake. If so, dams in seismically active areas may be much more destructive than believed.

### (2) Liquid injection into the ground

In 1951, the US Army constructed Basin F at the Rocky Mountain Arsenal to handle 243 million gallons of contaminated liquid chemical wastes in about a 93 acre area. In 1961, another way was chosen - by drilling a 12,000-foot deep well in the Rocky Mountains to inject napalm toxic waste into the earth's crust. From 1962 - 1966, 165 million gallons went in, likely triggering regional quakes and getting the Army to shut it down. According to seismologist Dave Wolney:

"If you are doing deep well injection, you are altering the stress on the underlying rocks and at some point, (it) will be relieved by generating an earthquake."

Klose also worries about carbon dioxide sequestration, a process of compressing CO<sub>2</sub> from coal plants and injecting it into underground deposits. It, too, can generate quakes close to cities, as that's where facilities are located.

### (3) Coal mining

Coal provides over half of America's electricity and an even larger percentage in China. Mines produce millions of tons annually, extract up to a dozen times as much water as coal, and cause huge regional mass changes. They, in turn, increase stress that can cause quakes as explained above. According to Klose, mining produces over half of recorded ones.

### (4) Oil and gas drilling

A June 23, 2009 New York Times article headlined, "Deep in Bedrock, Clean Energy and Quake Fears," explaining that former oil man, Markus O. Haring, drilled a hole three miles down in Basel, Switzerland prospecting for clean, renewable energy, deep within the earth's bedrock. On December 8, 2006, an earthquake terrified residents who remembered the devastating one striking the city 650 years earlier.

Haring terminated his project, but a US start-up company, AltaRock Energy, uses the same technology to drill deep into quake-prone areas two hours' drive north of San Francisco for geothermal energy. The Energy Department backs it with more than \$36 million, and several large venture capital firms are involved, despite the risk.

According to The Times:

"The California project is the first of dozens that could be operating in the United States in the next several years, driven by a push to cut emissions of heat-trapping gases and the Obama administration's support for renewable energy. Using the Basel method, it's hoped a breakthrough can be achieved, even though it's known that large quakes occur at great depths."

Three of the largest human-caused ones happened near an Uzbekistan natural gas field, the result of liquid extraction and injection changing its tectonic action. The most severe one registered 7.3, and according to

Russian scientists:

"Few will deny that there is a relationship between hydrocarbon recovery and seismic activity, but exactly how strong a relationship exists has yet to be determined."

In regions with high tectonic activity, like northern California near San Francisco, Haiti around Port-au-Prince, or Japan, extraction could trigger severe quakes. It's believed Haiti has significant oil, gas, and other mineral deposits, including gold, copper, and coal. Perhaps drilling around Port-au-Prince bay, the Gulf of La Gonave, and the Island of La Gonave set off the quake, why US domination and human neglect are related to it, and why America, France, Canada and other nations seek to profit from disaster.

#### (5) Large building construction

On December 2, 2005, Kate Ravilious' UK Guardian article headlined, "Skyscraper that may cause earthquakes." It referred to Taipei 101 in Taiwan, the world's tallest building at 1,667 feet, weighing 700,000 tons. According to National Taiwan Normal University geologist Cheng Horng Lin, the building's stress may have reopened an ancient fault.

Before its construction, the Taipei basin was very stable with no surface ones. Thereafter, "The number of earthquakes increased to around two micro-earthquakes per year during the construction period (1997 - 2003). After completion, two larger quakes were registered, strong enough to feel at magnitudes 3.8 and 3.2."

Lin believes that "the considerable stress might be transferred into the upper crust due to the extremely soft sedimentary rocks beneath the Taipei basin. Deeper down this may have reopened an old earthquake fault."

Other experts are more cautious. UCLA quake expert John Vidale says "A building will change the stress on the ground under (it), but this probably won't reach down to around 10km, the level where earthquakes occur." Compared with dams, coal mining, oil drilling, and underground waste deposits, skyscrapers cause minor stress to the earth's surface. Klose shares that view.

## HAARP Technology - High Frequency Active Auroral Research Program

HAARP manipulates the atmosphere, climate, and weather for military purposes. Based in Gokona, Alaska, it's a jointly managed US Air Force/Navy weather warfare program, operating since 1992, yet the HAARP web site explains its purpose as follows:

"HAARP is a scientific endeavor aimed at studying the properties and behavior of the ionosphere (the atmosphere's upper layer), with particular emphasis on being able to understand and use it to enhance communications and surveillance systems for both civilian and defense purposes. (It will be used) to induce a small, localized change in ionospheric temperature so that resulting reactions can be studied by other instruments located either at or close to the HAARP site."

According to Rosalie Bertell, a distinguished scientific expert and president of the International Institute of Concern for Public Health:

HAARP functions as "a gigantic heater that can cause major disruptions in the ionosphere, creating not just holes, but long incisions in the protective layer that keeps deadly radiation from bombarding the planet."

Writing in Earthpulse Press on November 5, 1996, Bertell explained that:

"Military interest in space became intense during and after World War II because of the introduction of rocket science, the companion of nuclear technology....During this time of intensive atmospheric nuclear testing, explosions at various levels above and below the surface of the earth were tried. Some of the now familiar descriptions of the earth's protective atmosphere....were based on information gained through stratospheric and ionospheric experimentation."

Numerous projects preceded HAARP, including:

-- Project Argus in 1958 "to assess the impact of high altitude nuclear explosions on radio transmission and radar operations," and learn more about the geomagnetic field;

-- Project Starfish in 1962, using nuclear detonations to disrupt the

ionosphere and assess the effects on the earth's magnetic field;

-- SPS: Solar Power Satellite Project in 1968, using them in geostationary orbit 40,000 km above the earth to intercept solar radiation with solar cells that potentially could be environmentally destructive;

-- Poker Flat Rocket Launch from 1968 to the present to "understand chemical reactions in the atmosphere associated with global climate change;" perhaps more to influence climate for military purposes;

-- Saturn V Rocket in 1975; due to a malfunction, it burned unusually high in the atmosphere (above 300 km) producing a "large ionospheric hole," resulting in over a 60% reduction in "total electron content" over a 1,000 km area lasting several hours; all telecommunications over the Atlantic Ocean were disrupted;

-- SPS Military Implications in 1978 to develop a satellite-based beam weapon for anti-ballistic missile (ABM) use; also as a mind-control/anti-personnel weapon by affecting the human brain;

-- Orbit Maneuvering System in 1981 to study the effect of Shuttle injected gases on the ionosphere; it was learned they could induce holes;

-- Innovative Shuttle Experiments in 1985 using gases to create ionospheric holes;

-- Mighty Oaks in 1986 to develop x-ray and particle beam weapons;

-- Desert Storm in 1991, during which the US deployed an electromagnetic pulse weapon, designed to mimic the electricity flash of a nuclear detonation; and

-- HAARP since 1992

Bertell says it's:

"related to fifty years of intensive and increasingly destructive programs to understand and control the upper atmosphere. (It's) an integral part of a long history of space research and development of a deliberate military

nature. (Their) implications (are) alarming. Basic to this project is control of communications, both (their) disruption and reliability in hostile environments. The power wielded by such control is obvious."

"The ability of the HAARP/Spacelab/rocket combination to deliver very large amounts of energy, comparable to a nuclear bomb, anywhere on earth via laser and particle beams, are frightening." Yet the public is told it's "a space shield against incoming weapons (or) a devise for repairing the ozone layer."

By modifying the ionosphere, HAARP can be hugely destructive. Potentially, it can trigger floods, droughts, hurricanes, tsunamis, forest fires, and power blackouts over entire regions. It can disrupt radar, other communications, agriculture, ecology, and financial and other markets. It can use weather to wage war, and perhaps cause earthquakes like the one devastating Japan.

America "Carried Out a Second Nuclear Attack on Japan"

Noted Pakistani journalist Nusrat Mirza believes that the March 11 disaster was artificially caused by America's X-37B spaceplane. In his article titled, "The Japanese Earthquake and Tsunami - Natural or Artificial?" he argued that Washington caused numerous disasters, including Pakistan's 2005 quake, the country's 2010 floods, the 2004 Indian Ocean quake/tsunami, and 2011 Japanese calamity, possibly by HAARP technology.

Specifically he said:

-- "Whenever the US Spaceplane X-37B is sent Into space, a natural disaster occurs somewhere in the world. He gave examples, including Pakistan devastated by monsoon-triggering floods.

-- America's "objectives are to continue its domination of the world, and not let another power or group of powers challenge its domination. Japan may have been targeted for collaborating with "other countries to replace the US dollar with a new currency for international trading." According to a Nibiru TV report, former Japanese finance minister Heizo Talaneka "was warned to hand over the Japanese financial system to (America or be) attacked by an earthquake.

-- "Today, 'rulers (especially in America) are coming to the forefront and, using science, are causing earthquakes, tsunamis, weather alterations, changes in airplanes' routes, plane crashes, and floods."

The Pentagon's Alaska-based transmitter ability to send three billion watts of electromagnetic waves at a frequency of 2.5 - 10 megahertz can cause all of the above destruction and more.

Geoscientist Leuren Moret believes a HAARP-aerosol/chemtrails plasma weapon likely caused Japan's disaster, citing:

-- its intensity and characteristics; and

-- using the Stuxnet virus (a Windows computer worm targeting industrial software and equipment) at Fukushima, causing malfunctions in cooling pumps and valves. "The trouble after the earthquake was that the pumps and valves and controllers malfunctioned so workers could not get (them) working. This just adds to the HAARP earthquake and much more evidence that it was a false flag HAARP event."

Moreover, HAARP-created vortex clouds over San Francisco on March 18 triggered heavy irradiated rain over the Bay area.

Moret also explained calculations she made, saying spent fuel rods stored in cooling ponds above each of six reactors are releasing the equivalent of "92,000 nuclear bombs. Each unit has 400 assemblies of spent fuel rods, with 60....for each assembly. Each individual rod holds 72 pounds of uranium (compared to) a 20-pound" nuclear bomb payload.

She believes enormous amounts of radiation are now being released into the troposphere, traveling below 300 feet over Japan and America, heading east. As a result, air, earth, water, food and humans are being contaminated with deadly radiation. Downplaying the hazard is scandalous.

Investigative journalist Jane Burgermeister also blames HAARP for Japan's disaster and the 2010 one in Haiti, saying:

Haiti and Japan quakes "show surprising similarities that point to an artificial cause and the use of HAARP technology." In January 2010, "low

frequency signals of 2.1 Hz were detected for 40 hours before the earthquake occurred, while (in) Japan something similar happened. Low frequency signals of 2.5 Hz were detected for about 55 hours before the earthquake (struck) as well as for 4 hours afterwards."

"A steady signal lasting for so many hours at such a low frequency is highly likely not caused by natural activity in space but by some type of artificial 'human-made' activity." Notably in the case of Haiti, "this signal stopped abruptly at full swing on January 11 at 01:00 hours UTC only to resume with full amplitude again at 3:30 hrs UTC as if it had been switched off and on at full power."

The UN Convention on the Prohibition of Military or Any Other Hostile Use of Environmental Modification Techniques (1977)

Its Article I states that:

"Each State Party to this Convention undertakes not to engage in military or any other hostile use of environmental modification techniques having widespread, long-lasting or severe effects as the means of destruction, damage or injury to any other State Party."

Article II refers to "environmental modification (ENMOD) techniques (as) any technique for changing - through the deliberate manipulation of natural processes - the dynamics, composition or structure of the Earth, including its biota, lithosphere, hydrosphere and atmosphere, or of outer space."

Citing Ecology News, Sourcewatch.org defines environmental warfare as:

"(1) the intentional modification of a system of the natural ecology, such as climate and weather, earth systems such as the ionosphere, magnetosphere, tectonic plate system, and/or the triggering of seismic events (earthquakes);

(2) to cause intentional physical, economic, psycho-social, and physical destruction to an intended target geophysical or population location;" and

"(3) as part of strategic or tactical war."

Environmental war weapons include chemtrails, chemical weapons systems

(climate and weather modification) and electromagnetic weapons systems (climate and weather modification, as well as seismic warfare).

Other definitions are broader, including the use of depleted uranium and other environmentally destructive weapons, practices and techniques.

International standards on environmental protections during armed conflict date back as early as the 1868 Declaration of St. Petersburg. It stated that "the only legitimate object which States should endeavour to accomplish during war is to weaken the military forces of the enemy."

The 1907 Hague Regulations stressed restraint, saying "The right of belligerents to adopt means of injuring the enemy is not unlimited," and the Geneva Conventions (including Protocol I and Common Article 3) defined the principles of international humanitarian law.

In 1973, the US Senate adopted a resolution calling for an international agreement "prohibiting the use of any environmental or geophysical modification activity as a weapon of war..." President Nixon ordered the Defense Department to review the military aspects of weather and other ENMOD techniques.

During the July 1974 summit meeting in Moscow, Nixon and General Secretary Brezhnev agreed to hold bilateral talks to achieve "the most effective measures possible to overcome the dangers of the use of environmental modification techniques for military purposes."

Discussions continued in 1974 and 1975, resulting in an agreement on a common approach and language. The 1977 UN Convention followed, ratified 98 - 0 by the Senate on November 28, 1979. It took effect on January 17, 1980, but was violated thereafter by both sides.

Human environmental modification techniques (ENMOD) can cause irreversible damage. Yet international standards haven't stopped their development or use.

A Final Comment

On February 17, 1950, Council on Foreign Relations (CRF) member James

Warburg told the Senate Foreign Relations Committee:

"We shall have world government whether or not you like it, by conquest or consent," because powerful globalists want it.

American ones, in fact, want total control of the world's money, resources, law, communications, populations, and military supremacy, no matter how much destructive force it takes to achieve, perhaps using HAARP and other technologies to create enormous new opportunities for greater power and profits.

Other schemes relate to America's longstanding depopulation agenda, a model Henry Kissinger presented in his 1974 National Security Study Memorandum 200 (NSSM 200). Shaped by Rockefeller interests, it developed over time to cull unwanted "useless eaters" by various means, including:

-- violence;

-- depleted uranium and other hazardous weapons;

-- withholding disaster relief;

-- sterilization;

-- disease;

-- starvation;

-- earthquakes, tsunamis, oil spills, chemical proliferation, and other environmental disasters; as well as

-- widespread radiation contamination, another way to detonate bombs.

Perhaps Japan's disaster is their latest assault on human life, welfare and survival, so global elitists can benefit more by less of us. Think unlikely? Think again.

Stephen Lendman lives in Chicago and can be reached at [lendmanstephen@sbcglobal.net](mailto:lendmanstephen@sbcglobal.net). Also visit his blog site at [sjlendman.blogspot.com](http://sjlendman.blogspot.com) and listen to cutting-edge discussions with distinguished guests on the Progressive Radio News Hour on the Progressive Radio Network Thursdays at 10AM US Central time and Saturdays and

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