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Earthquakes: Natural or Man-made?

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We bring to the attention of our readers an article on climate manipulation published in 1999, focusing specifically on the incidence of earthquakes.

While there is no evidence of the application of weather modification techniques in the case of the Iran Earthquake, it is important to understand that the US not only possesses the weather modification technologies, it has also confirmed its intent to use them.

:"[W]eather-modification offers the war fighter a wide-range of possible options to defeat or coerce an adversary... In the United States, weather-modification will likely become a part of national security policy with both domestic and international applications. Our government will pursue such a policy, depending on its interests, at various levels." (Air University of the US Air Force, AF 2025 Final Report, <http://www.au.af.mil/au/2025/>)

"Technology will make available, to the leaders of major nations, techniques for conducting secret warfare, of which only a bare minimum of the security forces need be appraised... [T]echniques of weather modification could be employed to produce prolonged periods of drought or storm." (Zbigniew Brzezinski, Former National Security Adviser, *Between Two Ages*, Greenwood Publishing Group, 1992)

Weather modification technology is being perfected under the High-frequency Active Auroral Research Program (HAARP) as part of the ("Star Wars") Strategic Defence Initiative (SDI). Recent scientific evidence suggests that HAARP is fully operational and has the ability of potentially triggering floods, droughts, hurricanes and earthquakes. From a military standpoint, HAARP is a weapon of mass destruction.

Michel Chossudovsky, Editor, 5 Jan 2004

Related article:

Washington's New World Order Weapons Have the Ability to Trigger Climate Change, by Michel Chossudovsky, Jan 2001, <http://www.globalresearch.ca/articles/CHO201A.html>

"But afterwards there occurred violent earthquakes and floods; and in a single day and night of misfortune all your warlike men in a body sank into the earth, and the island of Atlantis in like manner disappeared in the depths of the sea". — Plato in Timaeus

Two devastating earth-quakes in the month of September 1999 again focused the world's attention on one of nature's most terrifying and destructive forces. Earthquakes in Turkey and Taiwan took the lives of thousands and left even more people homeless and in fear of returning to their devastated communities.

The death and devastation caused by major earthquakes around the world can only worsen in years to come, as growing urban development and unprecedented population growth compound the lethal effects of natural and, as some researchers claim, man-made seismic hazards. With the world's population estimated to pass the 6 billion mark this year, there are fewer unpopulated places for quakes to strike. And with ever more people to accommodate, there is more multistoried construction in vulnerable fault zones. As a result, destructive earthquakes "are the wave of the future," seismic expert Kerry Sieh of the California Institute of Technology says. "There are 40 cities of a million or more people within 100 kilometres of a major plate boundary, and all those are good candidates for a large event."¹

What Are Earthquakes?

Natural earthquakes are caused by the movement of tectonic plates over the Earth's mantle. Sandwiched between Earth's crust and molten outer core, the vast mantle accounts for 83 percent of the planet's volume. It is filled with solid rock but, heated by the core and by its own radioactive decay, it circulates like a pot of impenetrable soup. That circulation is the driving force behind the surface motion of tectonic plates, which builds mountains and causes earthquakes.

The destructive power of an earthquake comes from the momentum gathered when two opposing "faults" or

tectonic plates, that may have been locked together for decades, suddenly move apart. The result is that solid rock which normally moves only with the passing of geological ages accelerates briefly to 5,000mph, unleashing huge quantities of energy and creating a shaking movement of up to a metre a second.

Most people consider earthquakes to be natural in origin, but what if there was such a thing as man-made earthquakes? Well, there are. There is the official version of what constitutes a man-made earthquake, and then there is a body of suppressed research pointing to a more insidious agenda.

Artificially-Induced Earthquakes

Officially, there is such an area of research devoted to man-made earthquakes. Geologists and seismologists agree that humans can induce earthquakes in five major ways: fluid injection into the Earth, fluid extraction from the Earth, mining or quarrying, nuclear testing and through the construction of dams and reservoirs.

In fact, there are officially recorded instances of earthquakes caused by human activity.

Geologists discovered that disposal of waste fluids by means of injecting them deep into the earth could trigger earthquakes after a series of earthquakes in the Denver area occurred from 1962-1965; the periods and amounts of injected waste coincided with the frequency and magnitude of earthquakes in the Denver area. The earthquakes were triggered because the liquid, which was injected under very high pressure, released stored strain energy in the rocks.²

Man-made earthquakes may seem like something out of the X-Files, and it's probably only a matter of time before the idea is picked up by Hollywood. This year, best-selling thriller author Ken Follett released his latest book, *Hammer of Eden*, about a terrorist group threatening to level San Francisco with a man-made earthquake. When asked by *Salon Magazine* how real is the idea of a man-made earthquake, Follett replied that "Some of the seismologists told me, 'There's no way this could happen.' But others gave sad little shrugs and said, 'It's hard to say. Who knows? Maybe. It's within the realm of possibly.'"

Suppressed Research: Tesla Technologies

Born in Belgrade, Yugoslavia, Nicola Tesla is one of this century's greatest scientists. A prodigious inventor of electronic devices and pioneer of free energy, Tesla never gained the recognition he deserved because his scientific breakthroughs were deemed to 'sensitive' by the ruling corporate and government powers of the day. Thus much of his research was suppressed and stolen.

In a book entitled *Tesla – The Lost Inventions*, a section is titled "Man-Made Earthquake". It discloses Tesla's fascination with the power of resonance and he experimented with it not only electrically but on the mechanical plane as well. In his Manhattan, USA lab, Tesla built mechanical vibrators and tested their powers. One experiment got out of hand.

Tesla attached a powerful little vibrator driven by compressed air to a steel pillar. Leaving it there, he went about his business. Meanwhile, down the street, a violent quaking built up, shaking down plaster, bursting plumbing, cracking windows, and breaking heavy machinery off its anchorages.

Tesla's vibrator had found the resonant frequency of a deep sandy layer of subsoil beneath his building, setting off a small earthquake. Soon Tesla's own building began to quake. It is reported that just as the police broke into his lab, Tesla was seen smashing the device with a sledge hammer, the only way he could promptly stop it.

In a similar experiment, on an evening walk through the city, Tesla attached a battery powered vibrator, described as being the size of an alarm clock, to the steel framework of a building under construction. He adjusted it to a suitable frequency and set the structure into resonant vibration.

The structure shook, and so did the earth under his feet. Tesla later boasted he could shake down the Empire State Building with such a device. If this claim was not extravagant enough, he went on to say a large-scale resonant vibration was capable of splitting the earth in half.

An article from the 11 July, 1935 issue of the *New York American* entitled 'Tesla's Controlled Earthquakes', stated Tesla's "experiments in transmitting mechanical vibrations through the earth – called by him 'the art of telegeodynamics' – were roughly described by the scientists as a sort of controlled earthquake."

The article quotes Tesla as stating:

The rhythmical vibrations pass through the earth with almost no loss of energy. It becomes possible to convey mechanical effects to the greatest terrestrial distances and produce all kinds of unique effects. The invention could be used with destructive effect in war...

Mysterious Lights

Several UFO researchers speculate many UFO sightings might actually be "earthquake lights" caused by 'piezoelectric' phenomena. Piezoelectricity is believed to be caused by crystals found in certain rocks giving off a flow of electricity when subjected to high pressure, as in an earthquake. Lights leaping away from mountain peaks have been seen and recorded since ancient times.

Reports coming out of Turkey during the recent 17 August earthquake mention mysterious lights over the west of the country. The following intriguing eyewitness report was forwarded to Mutual UFO Network Eastern USA from Turkey:

They are incredibly clear, circular or triangular in shape, white, yellow, red and blue coloured, remain visible in the sky for 5 to 20 minutes, following a materialising-dematerialising pattern. The funny thing is it became a routine thing as they have been showing up two or three times a week. They became an inevitable component of the TV news and media. Furthermore, just before the quake, the bottom of the sea in Izmit went red and the sea temperature went up to 40-45 degrees C. However, there are no underwater volcanos in the Sea of Marmara! Starting two days before the quake, hundreds of fish, crabs and other sea life forms died and not naturally! Somehow, they were burned! The fish nets of the fishermen were burned and we have several rock and stone samples from the sea, which went black in colour. TUVPO (Turkish UFO and Paranormal Organisation) is cooperating with the Smithsonian Institute and a few universities in the US. We already sent them some rock and burned fishnet samples, upon their request. Folks at TUVPO will hopefully run a spectrum analysis on the video tapes. Some fishermen are also saying that they witnessed an explosion under the sea. Fireballs, strange lights, sightings never ended in Turkey.³

Compare this information with what happened in the destructive 1977 earthquake that hit China. The 5 June, 1977 New York Times described the great earthquake which destroyed Tangshan, China on July 28, 1976, killing over 650,000 people:

Just before the first tremor at 3:42 am, the sky lit up like daylight. The multi-hued lights, mainly white and red, were seen up to 200 miles away. Leaves on many trees were burned to a crisp and growing vegetables were scorched on one side, as if by a fireball.

Tesla Effect

Some investigators believe these electrical effects were associated with electromagnetic plasma and ball lightning and the strange array of flashes that result from Tesla-style technology. Was this brilliant flash of coloured light what Tesla talked about in 1935 when he mentioned "all kinds of unique effects"? Was this earthquake an early test of the system, conducted on the unsuspecting people of China? It certainly does not appear it was a natural earthquake. Was the same technology tried out on Turkey?

Andrija Puharich, MD, LL.D. in January 1978, issued a detailed research paper titled, "Global Magnetic Warfare – A Layman's View of Certain Artificially Induced Unusual Effects on the Planet Earth During 1976 and 1977". He was primarily looking into Soviet experiments with Tesla technology and believed controlled earthquakes were part and parcel of that work. Of them he wrote: "Of the many great earthquakes of 1976, there is one that demands special attention – the July 28, 1976 Tangshan, China earthquake."

The January 1978 edition of *Specula* magazine ran an article describing an incredibly profound phenomenon that could be produced within the Earth by what is called the 'Tesla Effect.' According to the article, electromagnetic signals of certain frequencies can be transmitted through the Earth to form standing waves in the Earth itself. In certain cases, coherence to this standing wave can be induced wherein a fraction of the vast, surging electromagnetic current of the Earth itself feeds into and augments the induced standing wave. In other words, "much more energy is now present in the standing wave than the ...amount being fed in from the Earth's surface." By interferometer techniques, giant standing waves can be combined to produce a focused beam of very great energy. This can then be used to produce earthquakes induced at distant aiming points.

Tesla expressed grave concerns about the effects of this technology because it is exactly the type of thing that could easily get out of control once it begins vibrating within the Earth – and it could actually cause the Earth to vibrate to pieces. Could the use of this technique have been responsible for the great earthquake in Tangshan, China in 1976?

Another leading Tesla researcher and nuclear engineer, Lt. Col. Thomas Bearden, lecturing at a Symposium of the US Psychotronics Association (USPA) in 1981 stated:

Tesla found that he could set up standing waves... in the earth (the molten core), or, just set it up through the rocks – the telluric activity in the rocks would furnish activity into these waves and one would get more potential energy in those waves than he put in. He called the concept the Tesla Magnifying Transmitter (TMT).

Bearden goes on to explain how TMTs worked:

They will go through anything. What you do is that you set up a standing wave through the earth and the molten core of the earth begins to feed that wave (we are talking Tesla now). When you have that standing wave, you have set up a triode. What you've done is that the molten core of the earth is feeding the energy and it's like your signal – that you are putting in – is gating the grid of a triode... Then what you do is that you change the frequency. If you change the frequency one way (start to dephase it), you dump the energy up in the atmosphere beyond the point on the other side of the earth that you focused upon. You start ionising the air, you can change the weather flow patterns (jet streams etc) – you can change all that – if you dump it gradually, real gradually – you influence the heck out of the weather. It's a great weather machine. If you dump it sharply, you don't get little ionisation like that. You will get flashes and fireballs (plasma) that will come down on the surfaces of the earth... you can cause enormous weather changes over entire regions by playing that thing back and forth.

HAARP: The Pentagon's Ultimate Weapon

In an Arctic compound 450 kilometres east of Anchorage, Alaska, the Pentagon has erected a powerful transmitter designed to beam more than a gigawatt of energy into the upper reaches of the atmosphere. Known as Project HAARP (High-frequency Active Auroral Research Program), the \$30 million experiment involves the world's largest "ionospheric heater," a prototype device designed to zap the skies hundreds of kilometres above the earth with high-frequency radio waves.

Why irradiate the charged particles of the ionosphere (which when energised by natural processes make up the lovely and famous phenomenon known as the Northern Lights)? According to the US Navy and Air Force, co-sponsors of the project, "to observe the complex natural variations of Alaska's ionosphere." As well, admit the Pentagon, to develop new forms of communications and surveillance technologies to enable the military to send signals to nuclear submarines and to peer deep underground.

Ever since the existence of HAARP became public, a number of independent researchers have warned the operation has a secret agenda including weather modification, mind control, hi-tech military experiments, and the triggering of earthquakes. Alarming, HAARP technology appears well suited to enforce a host of the oppressive goals and agendas of the New World Order.

HAARP transmissions may also be used for the detection and monitoring of electromagnetic or "plasma" phenomena, precursors of seismic activity and tectonic movement. Researchers believe HAARP transmissions are actually being used to activate or trigger exactly the same electromagnetic conditions that can cause tectonic movement.

Jerry Smith in his book *HAARP: The Ultimate Weapon of the Conspiracy*, warns many atmospheric scientists working on the secretive military project might be unaware of HAARP's grave potential to wreak havoc on the earth. He writes:

If HAARP is a TMT [Tesla Magnifying Transmitter], and these researchers correctly understand Tesla's work, we could be in a lot of trouble. It is quite possible that the scientists working on HAARP do not know that they are playing with... Beyond that their ignorance might be compounded if HAARP is indeed a secretive black-ops military project. The military has devised a way of keeping secrets called 'compartmentalisation' where each unit knows only what it needs to know... Only the control group knows what's going on... If there is a control group familiar with TMTs directing the actions of scientists unschooled in Tesla technology, those lower level operatives could be directed to wreak havoc with created weather or manufactured earthquakes....

Vast Amounts of Energy

In 1966, Professor Gordon J. F. MacDonald was associate director of the Institute of Geophysics and Planetary Physics at the University of California, Los Angeles, a member of the US President's Science Advisory Committee, and later a member of the US President's Council on Environmental Quality.

He published papers on the use of environmental-control technologies for military purposes. MacDonald made a revealing comment: "The key to geophysical warfare is the identification of environmental instabilities to which the addition of a small amount of energy would release vastly greater amounts of energy. "

World-renowned scientist MacDonald developed ideas for using the environment as a weapon system and he contributed to what was, at the time, only in the wildest dream of a futurist. When he wrote his chapter, "How To Wreck The Environment," for the book *Unless Peace Comes*, he was not kidding around. In it he describes the use of weather manipulation, climate modification, polar ice cap melting or destabilisation, ozone depletion techniques, earthquake engineering, ocean wave control and brain wave manipulation using the planet's energy fields. He speculated these types of weapons would be developed and, when used, would be virtually undetectable by their victims. Is HAARP one such weapon?

Cohen's Admission

In 1997 the US Secretary of Defense, William Cohen, delivered a speech on terrorism at the University of Georgia. Reuters quoted him as saying, "Precautions against unconventional arms must be intensified as potential terrorists develop chemical and biological weapons and electromagnetic methods that could create holes in the ozone layer or trigger earthquakes or volcanoes."

Cohen's admission reveals he has direct knowledge of such potential weapons. But it's hard to conceive of "terrorists developing the capacity to "trigger earthquakes". Hardly, when one considers the Pentagon's HAARP project. A more likely explanation is that Cohen was warning against allowing such technology to spread to other countries.

Outback Mystery

The weapons used in World War III will make the atomic and hydrogen bombs look like toys. At present, the centerpiece of the Russian arsenal is called the star-reflector cannon. The United States has the Strategic Defense Initiative, and the extension of this is 'microplasma.' — Shoko Asahara, 19 April, 1993, leader of Aum Shinrikyo

A mysterious incident in the outback of Western Australia, reported in New Dawn No. 41 (March-April 1997), directly relates to the subject of man-made earthquakes.

Late on the evening of May 28, 1993, something radiated shock waves outward across hundreds of miles of scrub and desert. Around the same time, truck drivers crossing the region and gold prospectors camping nearby saw the dark sky illuminated by bright flashes, and they as well as other people heard the distant rumble of loud explosions.

The mysterious event might have been lost to history except for the interest of investigators in Australia and the United States, who eventually came to speculate if the upheaval was the work of the Japanese Aum Shinrikyo group accused of the poison-gas attack on Tokyo subways in 1995. At the time Aum had set up an advanced laboratory on a 500,000-acre property near the puzzling upheaval.

The disturbance shook the earth on May 28, 1993, but it was not until after the Tokyo attack of March 1995, that an Australian geologist, Harry Mason, brought the seismic upset to the attention of Australian Federal Police and later to US investigators.

Seismic observatories in Australia tracked the event to a location 28.47 degrees south latitude, 121.73 degrees east longitude, a remote area near the group's property.

Mason's 19-page report summarised interviews he had conducted with people who were in the remote area on that clear moonless night. They saw the sky ablaze, heard loud explosions and felt the ground shake, in one case knocking beer cans off a table. Mason noted that earthquakes were very rare in the region and that mining explosions were illegal at night.

Mason now believes the explosion was caused by "a very advanced electromagnetic weapons system." He also thinks that the red dome witnessed on the night of 28 May, 1993 was a Tesla Shield, a device that theoretically can disable nuclear weapons.

Eventually, the US-based Incorporated Research Institutions for Seismology (IRIS) calculated the event was 170 times bigger than the largest mining explosion ever recorded in the Australian region, thus ruling out that possibility. The disturbance was calculated as having the force of a small nuclear explosion, perhaps equal to up to 2,000 tons of high explosives. But the signature of the disturbance seemed to be more that of an earthquake than a nuclear explosion.

No mention of the seismic riddle was made in well-publicised hearings the US Senator Nunn ran in late 1995 on Aum Shinrikyo. On 15 December, 1995, Nunn wrote to IRIS, stating that their scientific work helped Senate investigators "rule out certain terrorist activities."

Still, one remote possibility remained. Aum Shinrikyo had apparently studied seismic warfare and the means of artificially triggering earthquakes.

The group apparently sent a party of its own top scientists to the former Yugoslavia to study the work of Nicola Tesla. At the Tesla Museum in Belgrade, the members reviewed Tesla's thesis and other research papers discussing such weapons.

In New Dawn No. 39, a report on the work of Aum Shinrikyo's Science and Technology Minister, Hideo Murai, revealed that the group was interested in advanced weapons, including "laser-powered seismic weapons." On 7 April, 1995 Murai responded in a press conference to a question about a rumoured 'earthquake machine'. He remarked there was a strong possibility the Kobe earthquake was activated using "electromagnetic power," or that somebody used a device that "applied force inside the earth."

Shortly after this press conference, a lone assassin stabbed Hideo Murai to death in full view of the Japanese media. Was Murai murdered to silence him? He was one of Aum's most visible figures with fluent English and a pleasant demeanour that made him an international spokesman.

An Aum Shinrikyo book, *Disaster Approaches the Land of the Rising Sun*, devotes considerable space on how to guard against radiation, electromagnetic pulses, biological and chemical weapons, as well as more exotic laser, microwave and plasma weaponry.

It can be assumed the Aum Shinrikyo group actively researched and even possibly tested advanced weapons from a defensive point of view. Aum leaders were convinced the United States had already used such weapons against their personnel and property, and this may have driven the group's leaders into a paranoid frame of mind.

Future War

Often we are told technological research in the military field is ten or more years ahead of what we see today. Frightening and controversial projects like HAARP, with applications ranging from superbeam weapon to worldwide mind control, should be of great concern to us all. And most worrying is mounting evidence that the US military now has the ability to create earthquakes – the ultimate weapon of war.

Could the recent earthquakes in Turkey, Taiwan, Greece and Mexico be experimental test runs? If so, how many more earthquakes will it take before this technology can be directed at a chosen 'enemy'? It's a disturbing thought and one we all should consider as the forces of the New World Order gather pace in their quest for global control.

Footnotes

1. Los Angeles Times, 21 September 1999
2. <http://www.wittenberg.edu/academics/geol/proqcrs/geol220/finneart/index.shtml>
3. From HAKAN, konac@pop3.ada.net.tr

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