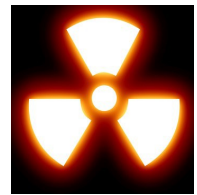


We are ALL candidate HOMELESS by rising quakes/volcanic eruptions-clouding/floods, as very few houses will be possible to get rebuilt, in such a world declining economy. So we have to cooperate for forecasting and averting these phenomena.

Worldwide Lightning-rod Nets URGENTLY to save humankind from cannibalistic collapse by galactically driven, devastating quakes/volcanic winters, as happened to Mayas, Aztecs, Incas



1,565 fuel rods translates into 460 tons of nuclear fuel stored in pool in a barely intact building on its third and fourth floors. If the storage pool breaks and runs dry, the nuclear fuel inside will overheat and explode. The worst-case scenario drawn up by the government includes not only the collapse of the No. 4 reactor pool, but also the disintegration of spent-fuel rods from all the plant's other reactors. If an earthquake or other event were to cause this pool to drain, this could result in a catastrophic radiological fire that could wipe out most of the northern hemisphere; certainly it would be a massive civilization-breaking event.

The top world seismologist who ALERTED in time 88 CRIMINALLY INDIFFERENT governments about the mega-quake in Japan last year, now supports** our position that Earth climate is regulated by [AVERTIBLE] galactic electricity.

AVERTING electric quakes caused by DIVERTIBLE solar flares to avoid Fukushima explosion and humankind extinction, is a PLANETARY EMERGENCY!!! PLEASE share and improve the TESTED and SIMPLE SOLUTION: <http://avert-quakes-volcanic-eruptions.webs.com>.

*A 2011 Oak Ridge National Laboratory report warned of a 33 percent likelihood that a [DIVERTIBLE] solar flare could lead to 'long-term power loss' over a nuclear reactor's life. With 440 nuclear power plants in 30 countries, and 250 research reactors, there are nearly 700 potential Fukushimas waiting to be unleashed." <http://enews.com/solar-storms-threaten-nuke-plants-power-outages-could-last-years-decades-risk-significantly-outweighs-major-earthquakes>.

**"Now, thanks to the involvement of scientists from other fields of science including biology and astrophysics in preparations for the report, it has become apparent that the currently observed events are of galactic scale and are directly related to THE POSITION OF THE SOLAR SYSTEM IN OUR GALAXY, the Milky Way. It is this position that has a major impact on the formation of geological megacycles during which planet-scale biodiversity change is observed".

<http://arknow.net/site/202/f/2737#.T9sNMjF-So>.

RECENT announcements about expected VOLCANIC WINTERS:

-Britain National Risk Register of Civil Emergencies -2012 edition

Volcanic hazards Risk [=VOLCANIC WINTER]

https://update.cabinetoffice.gov.uk/sites/default/files/resources/CO_NationalRiskRegister_2012_acc.pdf.

-- Sunday Times: **Europe May be Facing Return Of 'Little Ice Age'**: "State Meteorological (Met) Office publishes in Nature its prediction that Europe could be facing a return of the "little ice age" that gripped Britain 300 years ago, causing decades of bitter winters".
http://www.thesundaytimes.co.uk/sto/news/uk_news/National/article794416.ece.

- Lockwood et al, **The persistence of solar activity indicators and the descent of the Sun into Maunder Minimum [=Little Ice Age VOLCANIC COOLING] conditions**
<http://www.agu.org/pubs/current/si/links/2011GL049811.pdf>

-- Abrupt onset of the Little Ice Age triggered by volcanism and sustained by sea-ice/ocean feedbacks Gifford H. Miller et al, GEOPHYSICAL RESEARCH LETTERS, VOL. 39, L02708, 2012
<http://www.agu.org/pubs/crossref/2012/2011GL050168.shtml>

-U.S. senator sounds alarm about 'precarious' Fukushima situation, warns of imminent release of radiation even from a new eruption following another quake: <http://www.wyden.senate.gov/news/press-releases/after-tour-of-fukushima-nuclear-power-station-wyden-says-situation-worse-than-reported>.

-Střeštitk, Jaroslav, Possible **correlation between solar and volcanic activity in a long-term scale**

"lower solar activity, occurrence of huge volcanic events and lower surface air temperature could be expected in the next decades".

In: Solar variability as an input to the Earth's environment. International Solar Cycle Studies (ISCS)

Symposium, 23 - 28 June 2003, <http://adsabs.harvard.edu/abs/2003ESASP.535..393S>.

World Economic Forum fears VOLCANIC WINTER in 2012:
http://www3.weforum.org/docs/WEF_GlobalRisks_Report_2012.pdf

ABSTRACT

Several studies since the '70ies show a correlation between weak solar cycles and raised magma and volcanic activity. We've entered a weak solar cycles' period and a rise in cosmic rays - earthquakes - volcanic eruptions - cloudiness - storms, while, according to several prominent astrophysicists' predictions next decades will be worse. Volcanic winters occurring during solar minima, is a FREQUENT but not discussed enough phenomenon.

Climate fluctuation has been correlated with sunspots by Meton, and wasted genius Archimedes constructed a computer such as that of Antikythera, to foresee the planets' orbits and influence [through galactic electricity control] on our climate. Last time similar to today's solar low activity, was the beginning of the 19th century, when the 1815-20 Tambora volcanic winter occurred...

First proposal: Worldwide Lightning-rod Nets around faults (for faults in sea, nets on buoys) and active volcanoes, to disperse magma stimulation by galactic electricity and AVERT devastating earthquakes and cooling volcanic eruptions/clouding.

Second proposal: a test with a fire-resistant cap or grid hold by zeppelins, some hundred meters above extra active volcanoes, to prevent volcanic ash to reach troposphere, and thus spread all over Earth with predictable catastrophic consequences, similar to those volcanic winters that provoked the collapse of Mayans, Aztecs and Incas with cannibalism.

Third proposal: an extended spread of soot over icecaps and other glaciers, to decrease albedo and stop their increase.

Last needed is decentralization of all present Babylons, to autarky villages and afforestation of ALL open places, even plains, to have food and wood in case of the worst scenarios.

If research focus unselfishly on cosmic rays' power, we may stop even the dangerous magnetic poles shift!

1 SOLAR CYCLE CORRELATION WITH MAGMA AND VOLCANIC ACTIVITY

Several studies since the '70ies show a correlation between weak solar cycles and raised magma and volcanic activity [1-2] [Fig. 1]. **[See quake precursors IN THE END-** <http://motoji-ikeya.jp/cx/quakesandpets/index.html>].

Present data show not only a weak solar cycle [3] [Fig. 2] correlated with a rise in Earth hitting cosmic rays [Fig. 2-5] [4-6] (we include here solar flares' electricity [7-8] as it finds Earths' atmosphere and magma already

stimulated by other galactic plasma) - earthquakes [9] - volcanic eruptions [10] [Fig. 7-8] – cloudiness [6] – storms [11], but that most probably next decades will be worse [12-14], [Fig. 9-10,14].

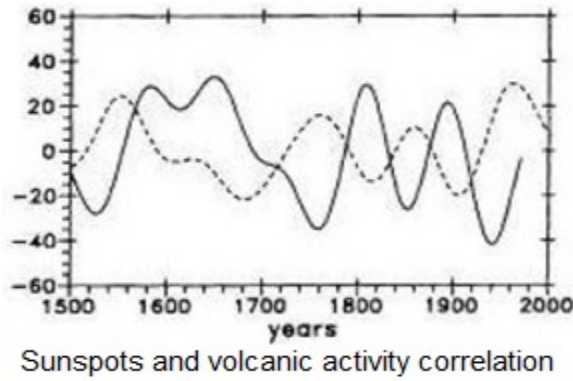


Fig. 1: Sunspots and volcanic activity correlation. From: [2]

Fig. 2: Weakest solar cycle now since the Little Ice Age (1300-1900) - see also fig. 9.

ISES Solar Cycle Sunspot Number Progression
Observed data through Apr 2012

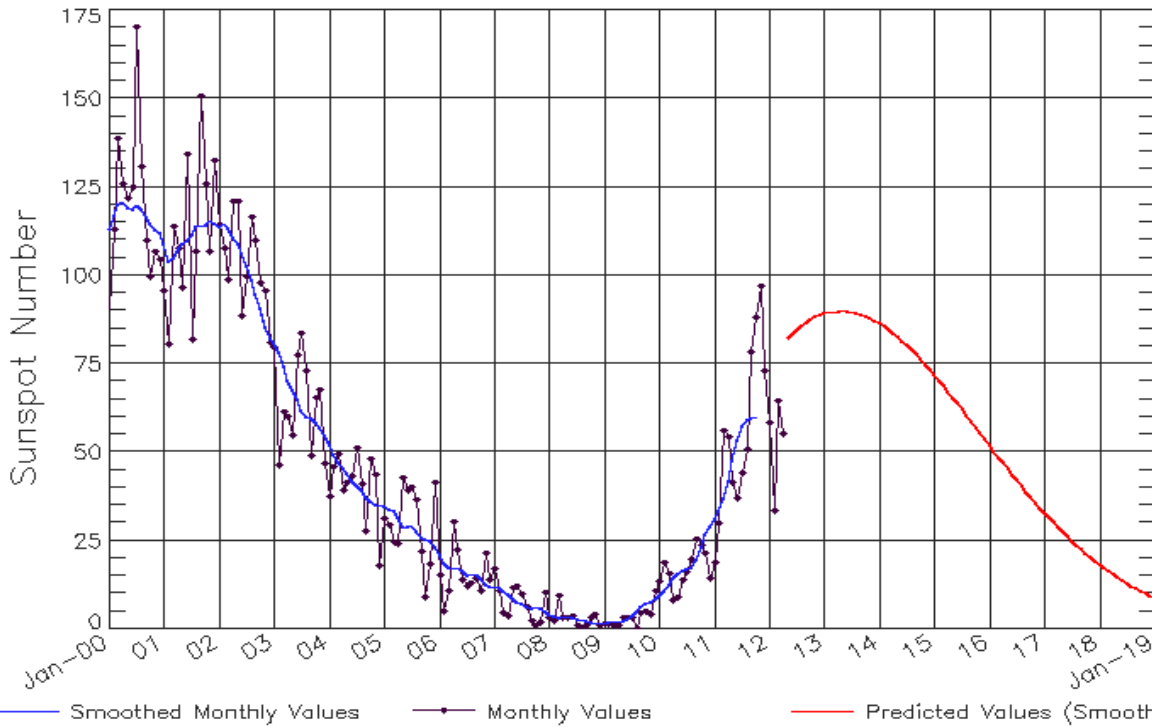


Fig. 3, 4, 5: Earth hitting cosmic rays (galactic electricity) depictions. Credit: [Danish National Space Center](#) and NASA

Updated 2012 May 7

NOAA/SWPC Boulder, CO USA

<http://apod.nasa.gov/apod/ap060814.html>. Pluto now diverts galactic electricity to the other planets & Earth:

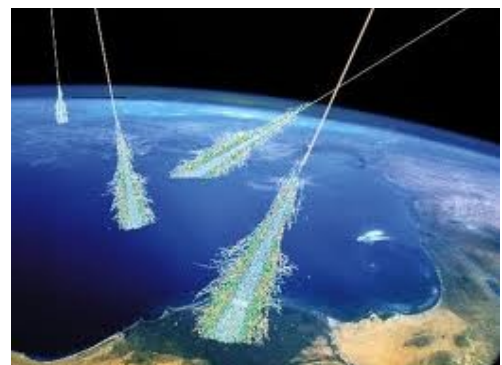


Figure 5: Comparison between the reconstructed cosmic ray flux and the quantitative temperature reconstruction over the Phanerozoic: The top panel describes the reconstructed Cosmic Ray Flux variations over the past 500 Million years using the exposure ages Iron Meteorites. The bottom panel depicts in black, the reconstructed tropical ocean temperature variations using isotope data from fossils. The red line is the fit to the temperature using the cosmic ray flux variations. The notable fit implies that most of the temperature variations can be explained using the cosmic ray flux, and not a lot is left to be explained by other climate factors, including CO₂. This implies that cosmic rays are the dominant (tropical) climate driver over the many million year time scale. From: [24].

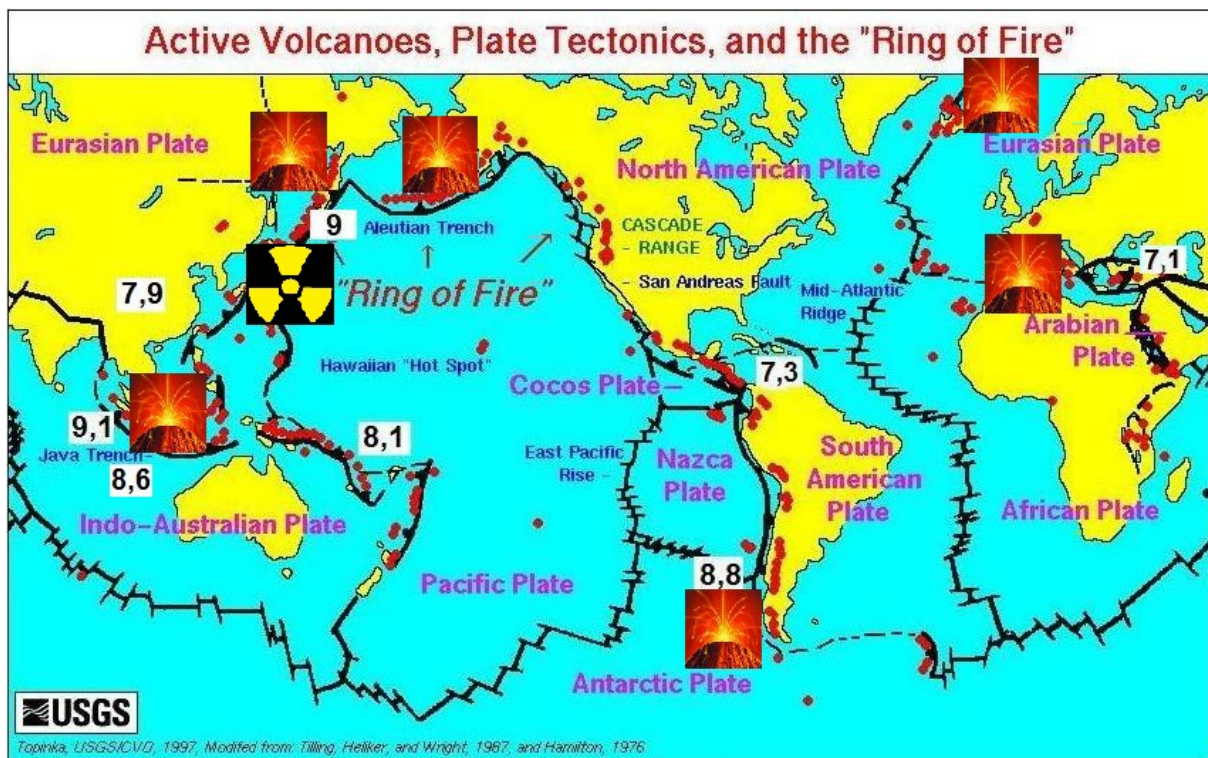
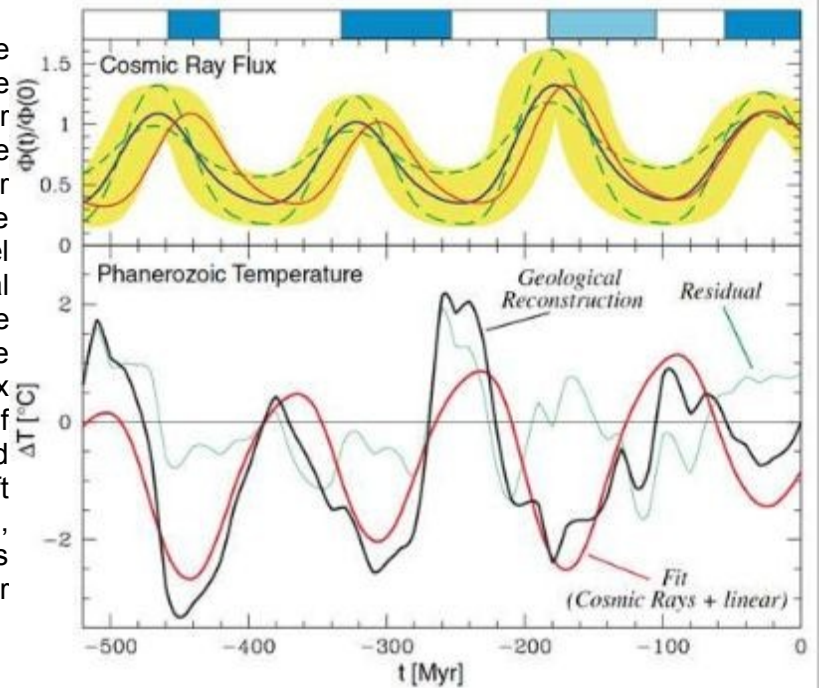


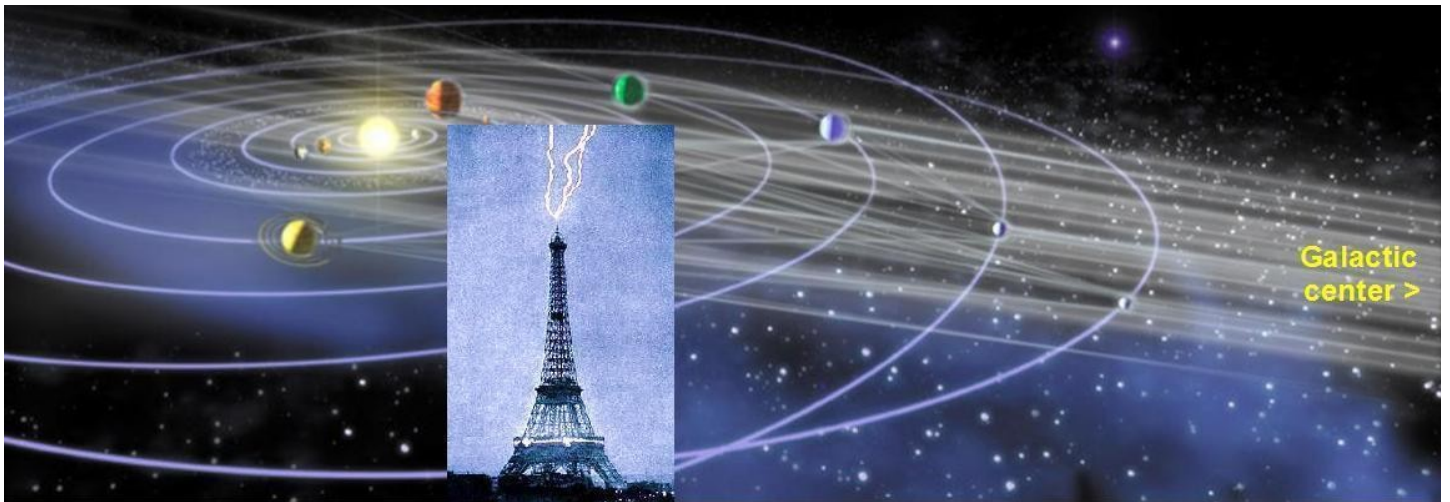
Fig. 7:
big

Last

earthquakes and raising volcanic activity (writers' depiction)



www.spiegel.de/wissenschaft/natur/0,1518,727092,00.html • notrickszone.com/2010/11/05/der-spiegel-geologists-warn-mega-eruption



GALAXY sends the DIVERTIBLE thunderbolts (that also stimulate magma):

"The observed electric fields in thunderclouds are generally too weak to initiate the atmosphere's electrical breakdown. But cosmic rays can play a surprising role in the drama of lightning": A. V. Gurevich and K. P. Zybin, Runaway Breakdown and the Mysteries of Lightning. <http://www.phy.olemiss.edu/~jgladden/phys510/spring06/Gurevich.pdf>.

[DIVERTIBLE] Solar flares trigger earthquakes - Jain, R., Physical Research Laboratory.

EACH of the 682 >4.0 earthquakes under study was preceded by a solar flare of B to X class by 10-100 hrs. <http://adsabs.harvard.edu/abs/2007AGUSMIN33A..03J>.

[AVERTABLE] Explosive volcanic eruptions triggered by [rising now but DIVERTIBLE] cosmic rays

Toshikazu Ebisuzaki, Hiroko Miyahara, Ryuho Kataoka, Tatsuhiko Sato, Yasuhiro Ishimine. <http://sciencedirect.com/science/article/pii/S1342937X10001966>.

The currently observed events are of galactic scale and are directly related to THE POSITION OF THE SOLAR SYSTEM IN OUR GALAXY, the Milky Way:

Prof. E. Khalilov, who ALERTED 88 idle governments TWO DAYS BEFORE the 2011 Japan mega-quake. <http://arknow.net/site/202/f/2737#T9sNMJf-So>.

When cosmic rays's electricity flow mainly from the Galactic center is dispersed (as water disperses from a stone in a river) by one or more planets (including those in Kuiper belt), partially from its course to stimulate the Sun, then he has less sunspots, more electricity goes to the planets and stimulates them, and on Earth we have a rise in quakes-volcanic eruptions-clouding-downpours-floods-famine in VULNERABLE - DEFORASTED by warmongerers Kains-Abels plains... Now we can mitigate or even AVERT such phenomena, with Lightning-rod Nets (that ALREADY prevent cities to become quake-epicenters, except if celestial electricity is too high), around active faults and active volcanoes, in parallel with the ABSOLUTELY NECESSARY AFFORESTATIONS!!!

Το ποτάμι ηλεκτρικού ρεύματος από το κέντρο τού Γαλαξία, όταν από έναν ή περισσότερους πλανήτες εκτρέπεται (όπως το νερό από μια πέτρα σε ποτάμι) εν μέρει από τη διεγερτική πορεία του προς τον ήλιο, εκείνος μεν έχει λιγότερες ηλιακές κηλίδες, οι δε πλανήτες φορτίζονται, και στη Γη έχουμε διέγερση του μάγματος, αύξηση σεισμών-ηφαιστειακών εκρήξεων-νεφοκάλυψης-νεροποντών-πλημμυρών-λημών σε ΕΥΑΛΩΤΕΣ, ΑΠΟΔΑΣΩΜΕΝΕΣ από πολεμοκάπηλους Κάιν-Αβελ πεδιάδες, φαινόμενα που μπορούμε πια να μετριάσουμε ή και να ΑΠΟΤΡΕΨΟΥΜΕ με δίκτυα αλεξικέραυνων (που ΗΔΗ εμποδίζουν τα αστικά κέντρα να γίνονται επίκεντρα σεισμών, εκτός όταν ο ηλεκτρισμός είναι περισσότερος από όσο μπορούν να αντέξουν), γύρω από ενεργά ρήγματα και ηφαιστεια, παράλληλα με τις ΑΠΟΛΥΤΩΣ ΑΠΑΡΑΙΤΗΤΕΣ ΑΝΑΔΑΣΩΣΕΙΣ!!! Στην εικόνα, εκτός από τη σημερινή θέση των πλανητών, παρουσιάζεται ενδεικτικά ένας μικροπλανήτης στη ζώνη Κάιπερ, σε θέση κοντά στη σημερινή τού Πλούτωνα, ώστε να φανεί η συνολική επιρροή στο γήινο κλίμα.

Fig. 8: Earthquake-volcanic activity rise. Source USGS Earthquake Hazard Program, Smithsonian Global Volcanism Program.

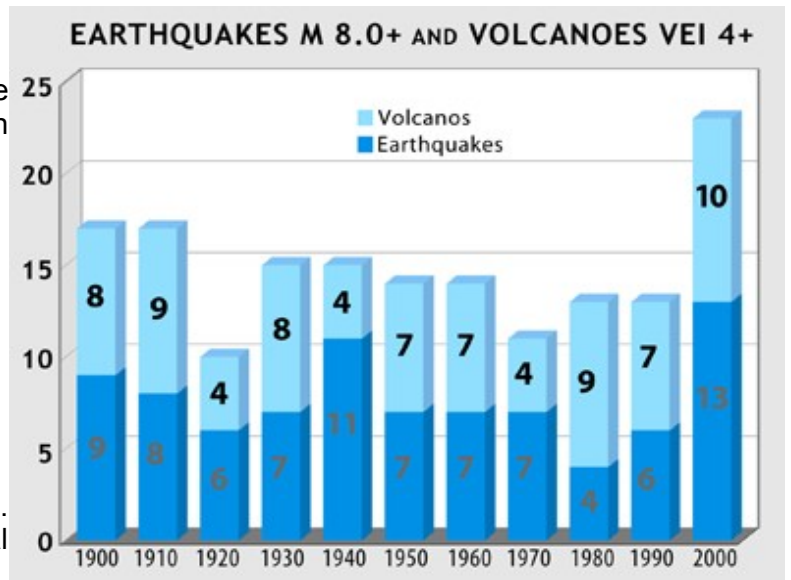
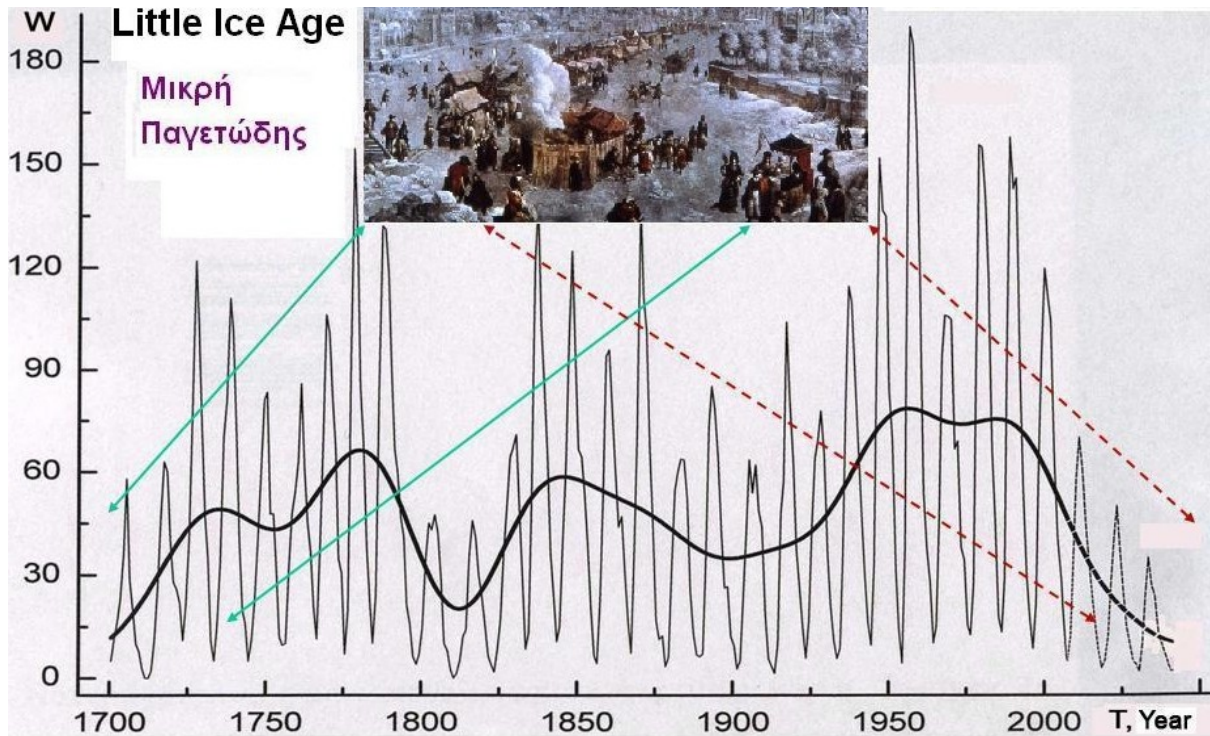
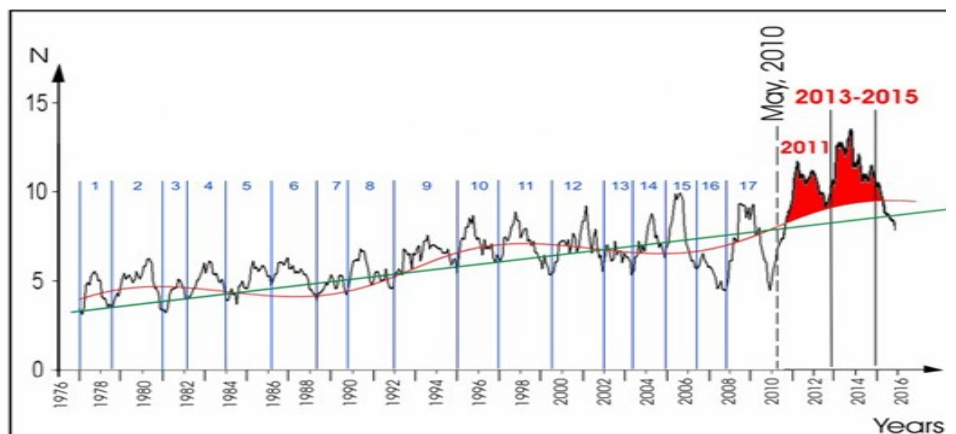


Fig. 9: Next solar cycles forecast by H. Abdusamatov [25]. Fig. 10: Great natural disasters forecast by Geochange-report.org

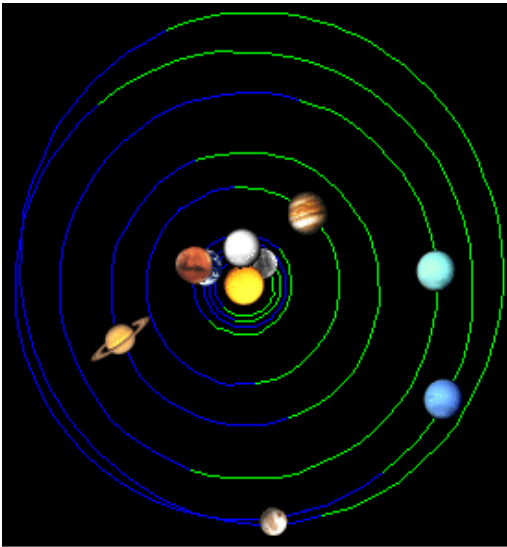


http://www.gao.spb.ru/english/astrometr/index1_eng.html



We propose as reason the present planet positions, including Kuipers' belt objects [15] [Fig. 5, 11], that disperse electricity from the galactic centre to the planets from its course to the sun, so Earth's magma is charged and is rising its disturbance including volcanism.

So geniuses **Heraclitus-Meton-Archimedes** are proven right:



Solar system 2-2012

Heraclitus had noted that extraterrestrial 'thunderbolt steers the universe' ('τα πάντα οιακίζει κεραυνός'), Cold climate fluctuations probably had been remarked by Archimedes, who constructed a computer [16] such as that of Antikythera, to foresee the planets' orbits and influence on our climate. [Fig. 12-13]. Ancient Greek astronomer Meton had also attested that whenever sun had many sunspots, more SLOW rains occurred on Earth ('ηλίου σημεία μέλανα, ύδωρ'):

We now know that a more active sun warms the Earth, and warmer oceans cause more long rains, instead of the storms/downpours alternating with droughts that occur during cooler periods, such as the present one.

Fig.11: Current planet positions, while the emitting galactic centre is to the south of the picture.



Fig. 12: Archimedes' murder by monarchist roman barbarian obscurantists



Fig. 13: Archimedes (Antikythera) **CLIMATIC** computer reconstruction

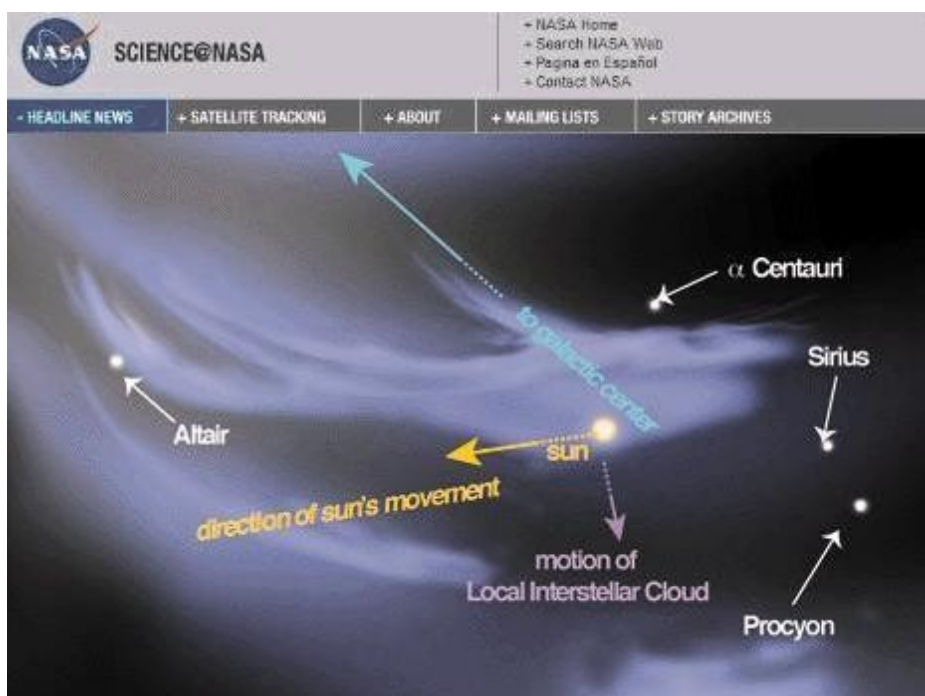


Fig. 14: The COOLING galactic cloud where our solar system travels [17]

2 VOLCANIC INCIDENTS

Volcanic winters is a FREQUENT [Fig. 15-16], not discussed enough phenomenon.

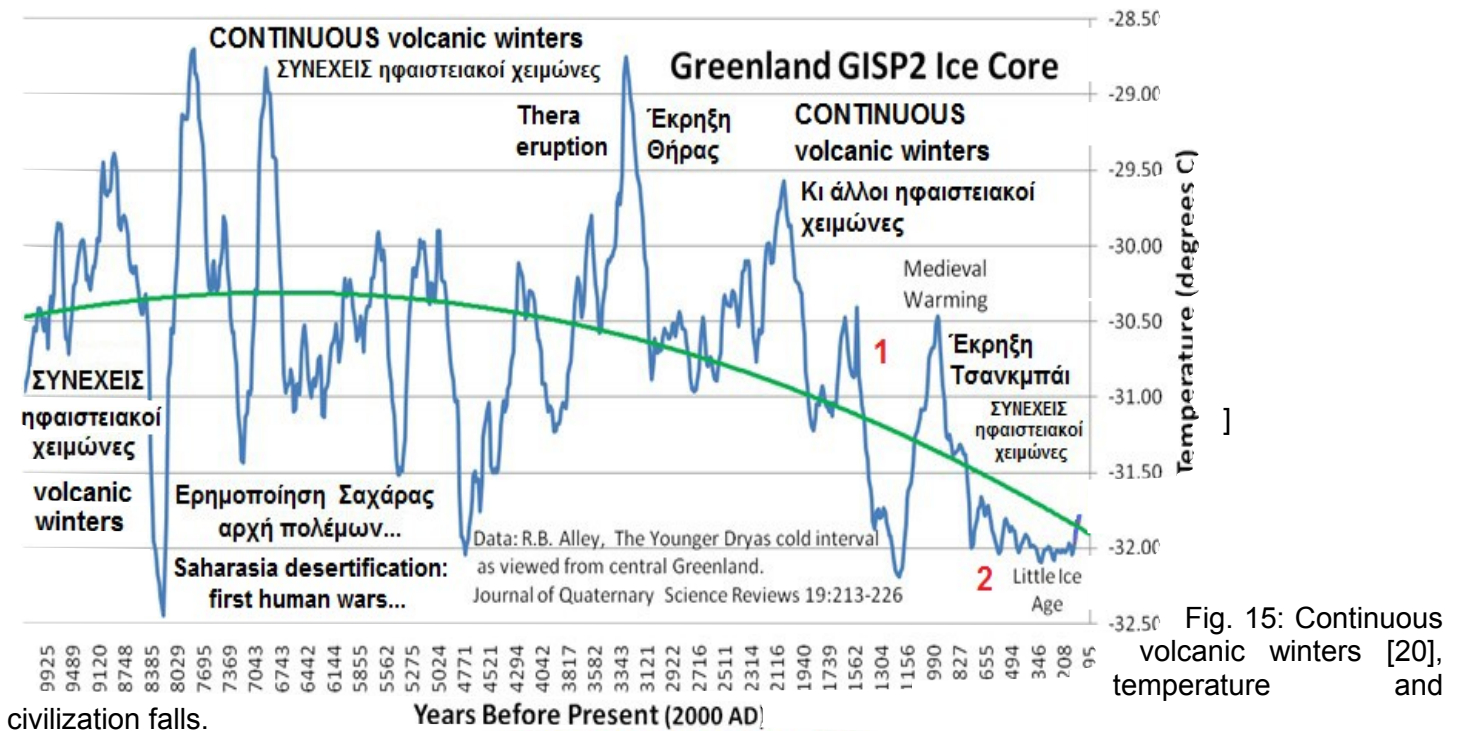


Fig. 15: Continuous volcanic winters [20], temperature and civilization falls.

SUGGESTIVELY: 1. Romans - Mayans COLLAPSE - 2. Aztecs - Incas COLLAPSE

ΕΝΔΕΙΚΤΙΚΑ: 1. ΚΑΤΑΡΡΕΥΣΗ Ρωμαίων, Μάγιας - 2. ΚΑΤΑΡΡΕΥΣΗ Αζτέκων, Ίνκας

1446 (n.d.)	1699 (n.d.)
1448 (possible eruptions in Alaska)	1742 (Shikotsu, 1739)
1453 (Kuwae, Vanuatu, SW Pacific)	1783 (n.d.)
1495 (n.d.)	1816 (Tambora, Lesser Sunda Isl.)
1587 (Kelut, Java, 1740, Shikotsu, Japan)	1817 (Tambora, 1815)
1601 (Huaynaputina, Peru)	1818 (Tambora, 1815)
1641 (Parker, Philippines)	1819 (Tambora, 1815)
1642 (Parker, Philippines)	1836 (Coseguina, Nicaragua)
1643 (Parker, Philippines, 1641),	1837 (Csiguina, Nicaragua, 1835)
1666 (possible eruptions in Japan),	1884 (Krakatoa, west of Java)
1667 (Shikotsu, same year)	1912 (Novarupta, Katmai Alaska same year)
1669 (Shikotsu, Japan, 1667)	1968 (n.d.)
1675 (Gamkonora, Halmahera, 1673)	1978 (n.d.), 1981 El Chicon
1698 (n.d.)	1992 (Pinatubo, Philippines)

Fig. 16: Some of the volcanic eruptions that kept Little Ice Age 600 years long.

The inhabitants of ancient Thera 3.650 years ago, had already

double or triple exits to their houses, in case of a blockage during quakes [Fig. 17]. They showed similar PROVIDENCE and were saved, leaving the island after the precursory big quakes, and escaping the huge volcanic eruption, that caused a worldwide devastating 5year volcanic winter [18]. While other peoples in the Middle East collapsed, Greek Thereans came back to their island and continued their magnificent contribution to the famous peaceable Aegean civilization!



Fig. 17: Triple exits in ancient Thera houses.

On the contrary, the arena addicted Pompeians 1700 years later, scorned fatalistically both the precursory quakes and the raising volcanic activity, and were almost all burned... [Fig. 11] (The same thing happened during the 1902 Pelee eruption in Martinique...).

Fig. 18: Pompeian arena addiction...

In the mean time some series of volcanic winters and their droughts provoked the collapse of Mayans, Aztecs and Incas with cannibalism... [Fig. 19]

Last similar to the present solar condition time was the 1815-20 Tambora volcanic winter... [19]

What must we expect now if a sudden volcanic winter occurs [21-23], when 7 billion people on Earth are both unsuspected and unprepared, most of them trapped in cement babylons???... Cannibalism and epidemics will be worse than the Little Ice Age (1300-1900) plagues, due to the aforementioned volcanic winters... There is also a possibility that Earth enters a new big Ice Age...

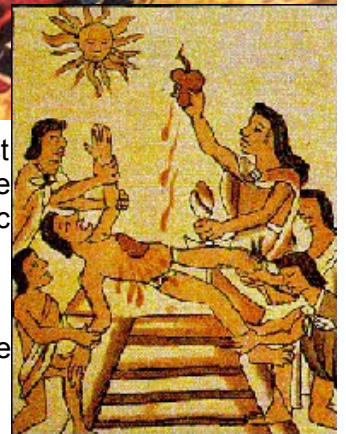


Fig. 19: Mayans-Aztecs-Incas cannibalistic collapse

3 PROPOSALS

First proposal: Worldwide Lightning-rod Nets around faults and active volcanoes, to disperse magma stimulation by galactic electricity and AVERT devastating earthquakes and cooling volcanic eruptions/clouding. World coordination is needed to experiment, especially to charged sea-faults and submarine volcanoes. World quake-epicentre maps may show that no epicentre is in lightning-protected cities.

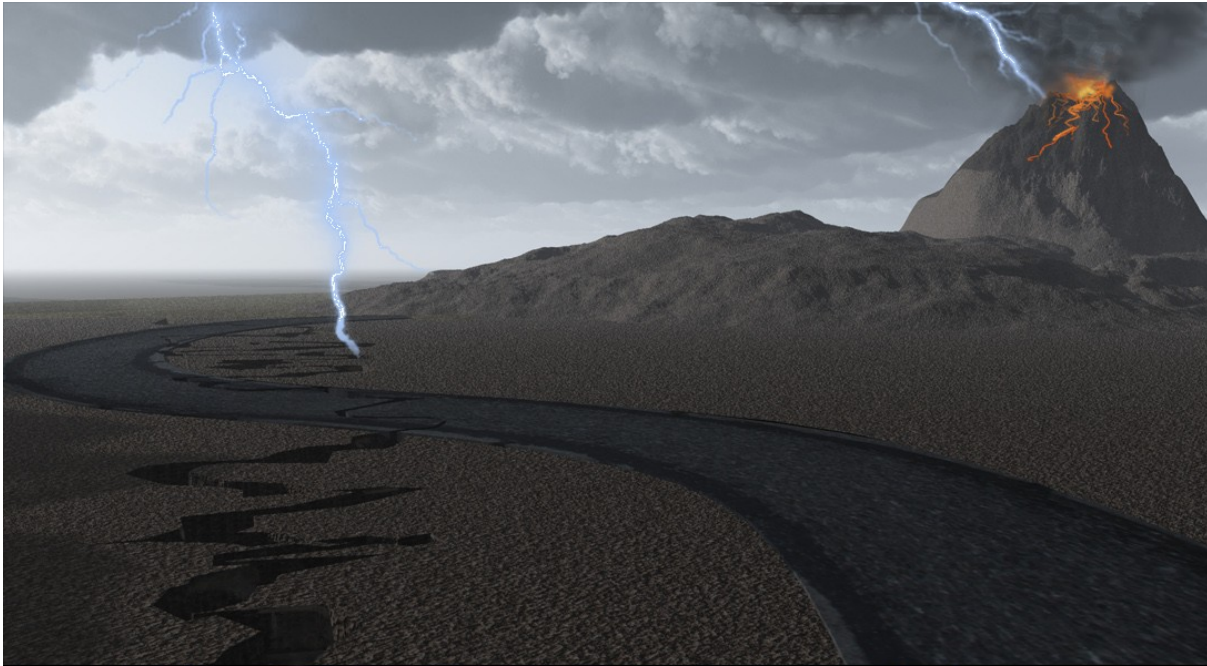
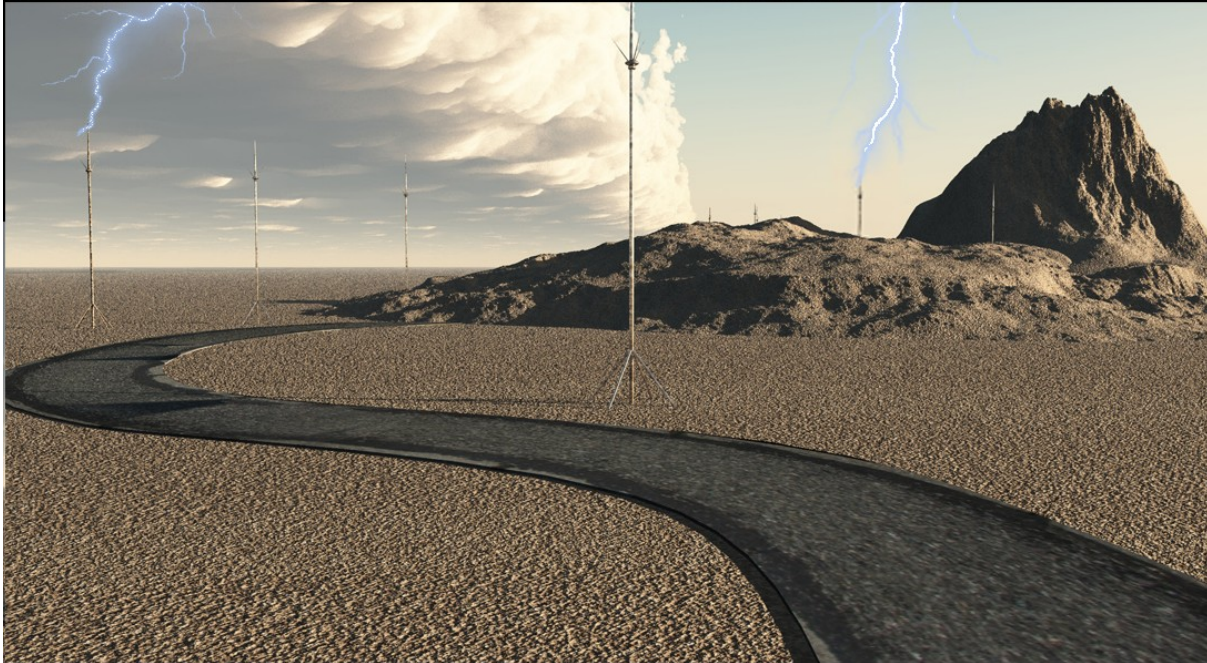


Fig. 20: Lightning-rod Nets around faults and active volcanoes, to disperse magma stimulation by galactic electricity.

Second proposal: a test with a fire-resistant cap or grid hold by zeppelins [Fig. 21], some hundred meters above extra active volcanoes, in order to prevent volcanic ash to reach troposphere, and thus spread all over Earth with predictable catastrophic consequences.



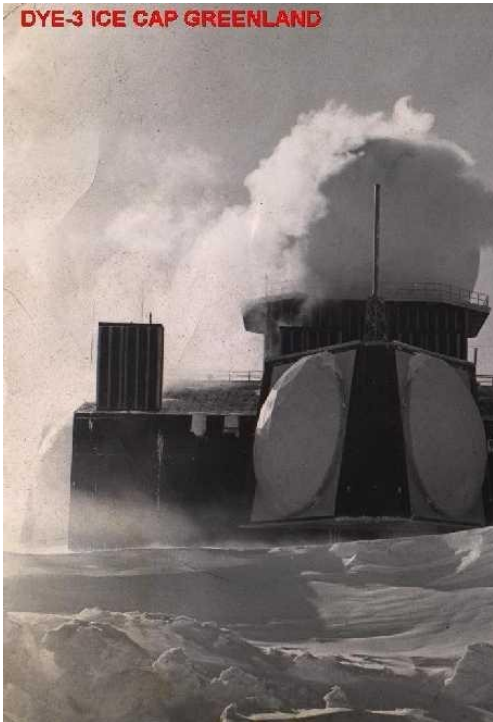
for faults in sea, rod-nets on buoys

Fig. 21: Fire-resistant crater cap or grid instead of volcanic NON-nuclear bombing.



Third we propose an extended spread of soot over icecaps and other glaciers, in order to decrease albedo and stop their increase [Fig. 22-23].

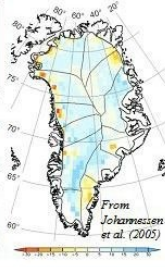
Antarctica Neumayer station 2009-11



DYE-3 ICE GAP GREENLAND

Greenland ice grows 2 inches a year

“Colours indicate ice-sheet elevation change rate in cm/year ... from ... satellite altimeter data, 1992-2003. The spatially averaged *increase* is 5.4 ± 0.2 cm/year.”



Άλλη μια απόδειξη για την ΑΠΟΣΙΩΠΗΜΕΝΗ από τα φοβικά-εγωμανή ΜΜΕ ΑΥΞΗΣΗ των πάγων ΚΑΙ στην Αρκτική: η κάλυψη ενός σταθμού στη Γροινλανδία, την κάποτε πράσινη (green) γη = Greenland. 1972-2006

DYE-3 Apr 6, 2006



courtesy Lars Henrik Mortensen

courtesy: Larry McConnell

Όπως και ΟΛΑ τα φοβικά καθεστώτα ΚΑΤΑΡΡΕΟΥΝ (π.χ. φαραώ, ρωμαίοι, Μάγια κοκ), έτσι δε θα γλιτώσει τον αφανισμό όποιος εμποδίζει τη συλλογική προετοιμασία τής ανθρωπότητας για το ενδεχόμενο παγκόσμιας ψύξης λ.χ. από μεγάλη ηφαιστειακή έκρηξη.
<http://wattsupwiththat.com/2008/12/30/the-ice-in-greenland-is-growing>

Fig. 22: Poles' ICE RISE!!!



Soot melts ice

Η καπνιά λιώνει τον πάγο

Fig. 23: Soot melts ice.

Last series of actions needed is decentralization of all present Babylons, to autarky villages and afforestation of ALL open places, even plains, to have food and wood in case of the worst scenarios.

If research focus on galactic electricity, we may stop the dangerous, galactically driven also, magnetic poles shift!

REFERENCES

- [1] Abdurakhmanov A.I., Firstov L.P., Shirokov V.A., Possible connection of volcanic eruptions with 11-year cyclicity of solar activity. In the Bulletin of volcanic stations. Moscow, Science, 1976, No.52, p.3-10.
- [2] Střeštitk, Jaroslav, Possible correlation between solar and volcanic activity in a long-term scale
In: Solar variability as an input to the Earth's environment. International Solar Cycle Studies (ISCS) Symposium, 23 - 28 June 2003, Tatranská Lomnica, Slovak Republic. Ed.: A. Wilson. ESA SP-535, Noordwijk: ESA Publications Division, ISBN 92-9092-845-X, 2003, p. 393 – 396.
<http://adsabs.harvard.edu/abs/2003ESASP.535..393S>.
- [3] Lockwood et al, The persistence of solar activity indicators and the descent of the Sun into Maunder Minimum conditions <http://www.agu.org/pubs/current/si/links/2011GL049811.pdf>
- [4] Jasper Kirkby /CERN, Cosmic rays and climate, CERN Colloquium, 4 June 2009
<http://indico.cern.ch/getFile.py/access?resId=0&materialId=slides&confId=52576>.
- [5] Nir J. Shaviv, Ján Veizer, Celestial driver of Phanerozoic climate? <http://www.phys.huji.ac.il/~shaviv/Ice-ages/GSAToday.pdf>.
- [6] Jasper Kirkby et al. Role of sulphuric acid, ammonia and galactic cosmic rays in atmospheric aerosol nucleation
Nature 476, 429–433 (25 August 2011) <http://dx.doi.org/10.1038/nature10343>
- [7] Jain, R., Solar flares trigger earthquakes: "Each of the 682 >4.0 earthquakes under study was preceded by a solar flare of GOES importance B to X class by 10-100 hrs".
<http://adsabs.harvard.edu/abs/2007AGUSMIN33A..03J>.
- [7a] [NASA reported](#) that "on March 10, 2011 around 0630 UT, a CME did strike a glancing blow to Earth's magnetic field. This was a result of an M3 flare that occurred late on March 7, 2011."
http://www.nasa.gov/mission_pages/sunearth/news/News031011-xclass.html.
- [8] "...common [lightning](#) may be triggered by passing cosmic rays". <http://apod.nasa.gov/apod/ap060814.html>
- [9] Are Mega Earthquakes on the Rise? <http://www.livescience.com/13632-mega-earthquakes-increasing-japan-indonesia.html>.
- [10] Toshikazu Ebisuzaki, Hiroko Miyahara, Ryuho Kataoka, Tatsuhiko Sato, Yasuhiro Ishimine, Explosive volcanic eruptions triggered by cosmic rays.
<http://www.sciencedirect.com/science/article/pii/S1342937X10001966>.
- [11] A. V. Gurevich and K. P. Zybin, Runaway Breakdown and the Mysteries of Lightning: "The observed electric fields in thunderclouds are generally too weak to initiate the atmosphere's electrical breakdown. But cosmic rays can play a surprising role in the drama of lightning".
<http://www.phy.olemiss.edu/~jgladden/phys510/spring06/Gurevich.pdf>.
- [12] William Livingston, Matthew Penn, Sunspots may vanish by 2015.
<http://www.probeinternational.org/livingston-penn-2008.pdf>.
- [13] www.Geochange-report.org
- [14] Abdussamatov H. I., The Sun Dictates the Climate of the Earth. 2009, St. Petersburg,
http://www.gao.spb.ru/english/astrometr/index1_eng.html.
- [15] Ivanka Charvatova, Long-term relations between the solar inertial motion (SIM) and solar, geomagnetic, volcanic activities and climate – <http://friendsofginandtonic.org/assets/invankacharcova.pdf>.
- [16] Cicero, De re publica 1, XIV http://oll.libertyfund.org/?option=com_staticxt&staticfile=show.php%3Ftitle=546&chapter=83295&layout=html&Itemid=27.
- [17] Voyager Makes an Interstellar Discovery – http://science.nasa.gov/science-news/science-at-nasa/2009/23dec_voyager.

Dec. 24, 2009, issue of Nature for Opher et al's article, "A strong, highly-tilted interstellar magnetic field near the Solar System."

"The fact that the Fluff is strongly magnetized means that other clouds in the galactic neighborhood could be, too. Eventually, the solar system will run into some of them, and their strong magnetic fields could compress the heliosphere even more than it is compressed now. Additional compression could allow more cosmic rays

to reach the inner solar system, possibly affecting terrestrial climate and the ability of astronauts to travel safely through space." <http://www.nature.com/nature/journal/v462/n7276/full/nature08567.html>.

[18] William Ryan, [Thera] Volcanic explosion larger than Krakatoa triggers collapse of Bronze age http://geologymuseum.rutgers.edu/downloads/newsletter_-_2005_spring.pdf.

[19] Kim McDonald and Lance Nixon, Previously Unknown Volcanic Eruption Helped Trigger Cold Decade [after 1809]

October 27, 2009, <http://ucsdnews.ucsd.edu/newsrel/science/10-09Volcano.asp>.

[20] INDICATIVE volcanic eruptions that expanded Little Ice-Age: <http://www.poetpatriot.com/timeline/tmIndisvolcanos15-16-1700s.htm>

[21] T. H. Druitt, F. Costa, E. Deloule, M. Dungan & B. Scaillet, Decadal to monthly timescales of magma transfer and reservoir growth at a caldera volcano, Nature 482, 77–80 (02 February 2012):

"If you had a big [volcanic] eruption of this sort [globally devastating], let's say in the middle of Europe today, the effects would be enormous and a few months might not be enough to get your act together." <http://www.nature.com/nature/journal/v482/n7383/full/nature10706.html>

[22] Sunday Times: Europe May be Facing Return Of 'Little Ice Age': "State Meteorological (Met) Office publishes in Nature its prediction that Europe could be facing a return of the "little ice age" that gripped Britain 300 years ago, causing decades of bitter winters". http://www.thesundaytimes.co.uk/sto/news/uk_news/National/article794416.ece.

[23] [Super volcano eruptions can bring Ice Ages](#)

The reason there may be no precursor eruption is that the trigger comes from above, not from within. <http://www.dailymail.co.uk/sciencetech/article-2048432/Secret-volcanic-super-eruptions-happen-100k-years-unlocked.html>.

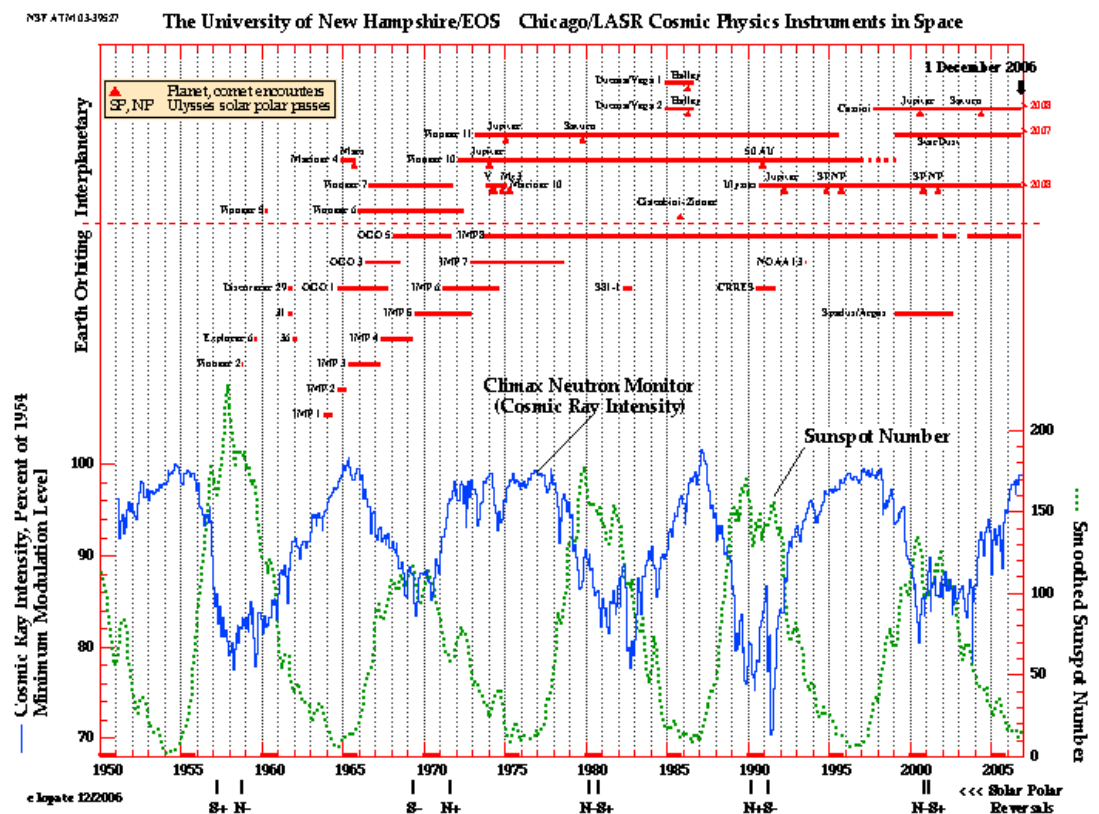
From: Scientists find possible trigger for volcanic "super-eruptions" <http://oregonstate.edu/ua/ncs/archives/2011/oct/scientists-find-possible-trigger-volcanic-%E2%80%9Csuper-eruptions%E2%80%9D-0>.

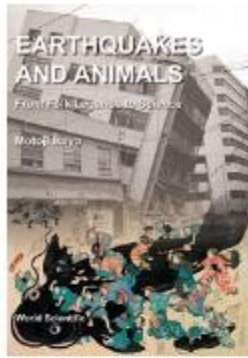
[24] Shaviv & Veizer article in GSA Today. A quantitative comparison between the reconstructed cosmic ray flux and the reconstructed global temperature. <http://www.sciencebits.com/ice-ages>.

[25] Abdussamatov H. I. [KPhCB, 2007](#). 23, 97.

26. Piers Corbyn: 'Little Ice Age ' (Maunder-Dalton) circulation patterns are emerging and more rapid world cooling is taking over. <http://www.weatheraction.com/displayarticle.asp?a=451&c=5>.

Cosmic rays and sunspots correlation
[=thus: more cosmic rays=more CLOUDING VOLCANIC and from direct water molecules ionization]





For hundreds - even thousands - of years, mysterious phenomena have been reported before large earthquakes. Can they be scientifically explained?

Motoji Ikeya (recently deceased), a former Professor at the Graduate School of Science at Osaka University, believed they can. He devoted a large part of his scientific career to testing a theory of electromagnetism to explain these phenomena, one that he believed would be useful in earthquake prediction. Professor Ikeya published widely in the field; not just scientific papers but books. The most comprehensive account of his work was published in 2004 by **World Scientific** - *Earthquakes and Animals, from Folk Legends to Science*, pp300. It remains one of their best selling titles. He also wrote a children's

book, [What are our pets trying to tell us?](#)

Professor Ikeya believed that ancient proverbs and legends of unusual animal behaviour and other rare occurrences before earthquakes were not just superstitions and stories but could be tested scientifically. To these legends he added numerous "precursor reports" gathered in the last 10 years from the sites of M7 plus earthquakes in Japan(i), Turkey, India and Taiwan. In laboratory experiments he reproduced a significant number of these reported earthquake precursor events by exposing animals, plants and electronic objects to electromagnetic (EM) waves – the same EM waves that he believed were created by the enormous pressures of grinding tectonic plates and fault planes before earthquakes.



Professor Ikeya's theory aroused controversy among seismologists who maintain earthquakes are too complex to allow precise prediction of magnitude, location and time. Ikeya, however, never claimed he could be precise. But he did claim that his theory could account for the wide range of unusual precursor phenomena reported before large earthquakes, and he did believe that data from a sufficient number of diverse phenomena in the atmosphere, in plants, animals and in electronic devices and household appliances could permit a rough estimate of the likely region, time and magnitude of a coming large quake. The scientific community is now acknowledging that EM signals are being detected before earthquakes but making sense of how and what it means for prediction is another question. Ikeya hoped that his work had helped give birth to a new field of research, which he called electromagnetic seismology.

This website is dedicated to two of Professor Ikeya's English language publications in the field: his children's book, *What are our pets trying to tell us?* and *Earthquakes and Animals*. <http://motoji-ikeya.jp/cx/quakesandpets/index.html>

<http://motoji-ikeya.jp/cx/quakesandpets/index.html>

Chinese mandarins first agreed to evacuate 1 million people from Haicheng in 1975, after many precursors, just before the city vanished, but REFUSED to repeat the same thing next year in Tangshan: 255,000 dead, and again in Sichuan-2008, because there were against the parasitic state.

Should we wait any help from egomaniacs???

Table 4: Plant anomalies before earthquakes

		Behavior
Blooming early		
Potato	Two months	Vines bloom.
Apricot	Six weeks	Trees bloom in winter.
Early crops		
Rice	A few weeks before	Small plants, early crops, "bar-coding" on leaves.
Unusual movement		
Orchid	One day before	Sways without wind.
Mimosa	At or just before	Closes leaves and droops.
Tree leaves	Just before	Shake without wind.

Table 5: Earthquake precursor phenomena in the sky and atmosphere

Phenomena in the sky	Preseismic (time)	Coseismic
Earthquake light (EQL)	A day or a few hours	Flash and arc just before
Earthquake fog (EQF)	A few hours or just before	Sudden dense fog
Earthquake cloud (EQC)	A few days, 8 days	A dragon cloud appears
Yellow sky	A day	Becomes dark
Short rainbows	A few days	NA
Haloed sun	A day to a few hours	NA
Elongated or red moon	A day	NA
Stars appear close	A day	NA

Table 1: Earthquake precursors occurring several hours or days before earthquakes are thought to be electromagnetic phenomena

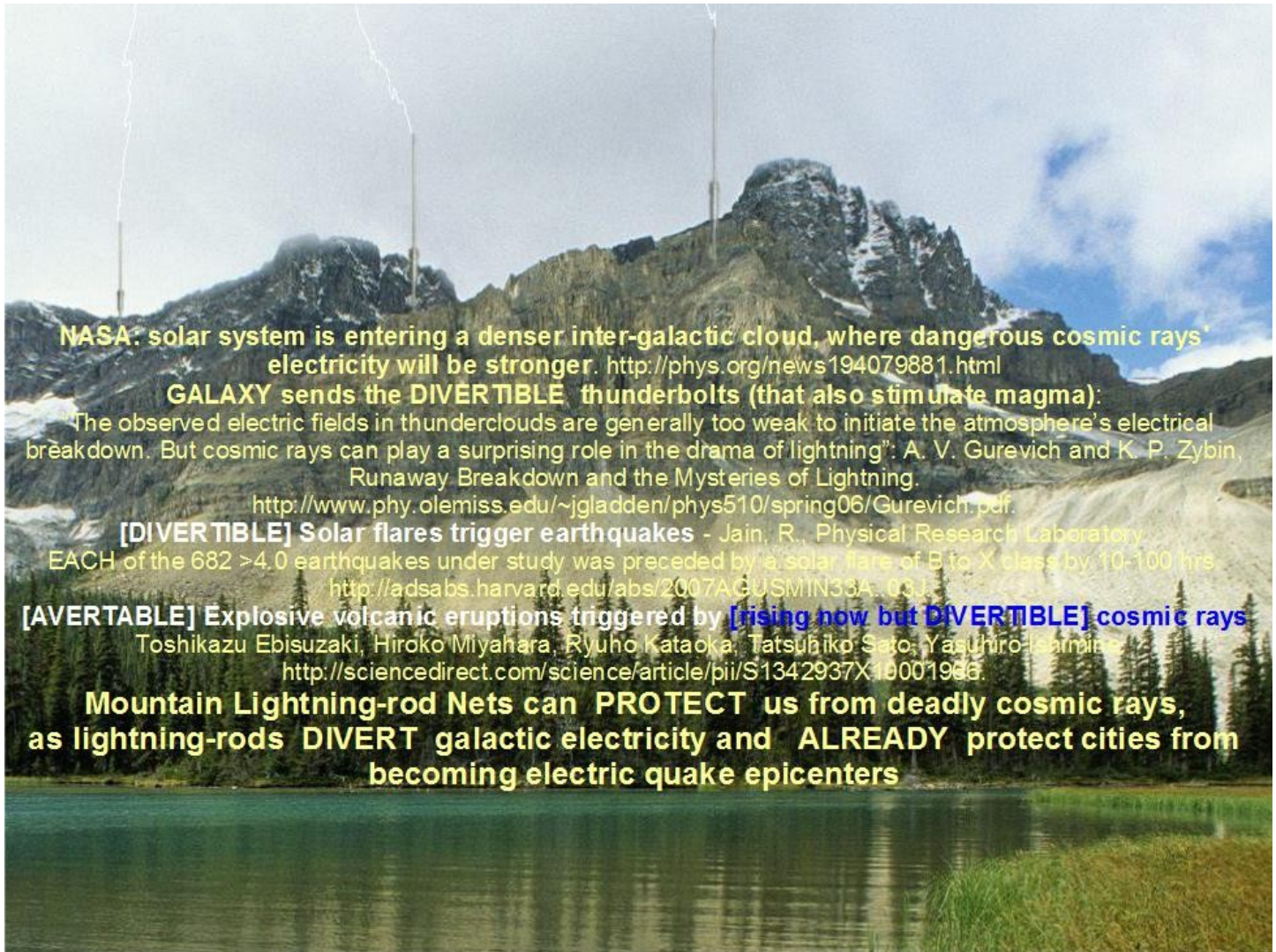
Sky and atmosphere:	Earthquake light, cloud or fog; yellow sky, short rainbows, haloed sun, elongated or red moon.
Animals	Run from the epicenter area, become unusually excitable, come out of hibernation, Face the same way, panic, literally die of shock.
Plants	Bloom unseasonally, wither and die, sway in still conditions, close their leaves.
Electric appliances	Malfunction, spontaneously switch off and on, make strange sounds
Land and sea	EM currents in the earth, rumbling in the earth, higher sea level
Well/hot spring water	Turbid, changes of level/temperature/radon concentration

Table 2: Malfunctioning home electric appliances before earthquakes

Appliance	Behavior
Car navigators	Fluctuation of the pointer arrow.
Clocks (quartz)	Stopping or sudden movements of the second hand. Fast forward and backward movement or delayed movement.
Fluorescent lamps	Dimming of light as during thunderstorms.
Intercoms	Spontaneous buzzing sounds, or not functioning.
Mobile phones	Ringing & light but no record of caller. Do not function, make odd sounds.
Radio (AM)	Spontaneous switching and loud sounds, pulsed noise.
Refrigerators	Strange compressor noises.
TVs	Spontaneous switching, speckling and flicker. Barber-pole color, lines, image distortion, white bands, loss of color, reversion to black and white, channel fluctuations

Table 3: Reported unusual animal behavior before earthquakes

<u>Mammals</u>	Nervous, restless, irritated, panic and "acting crazy".
Human	Headache, nausea, urge to vomit, giddiness, dizziness, heart complaints, nervous disorders, hysteria, bad weather symptoms.
Dogs	Bark loudly, whine a lot, anxious. Act as if tracking an unseen enemy; panic and bite owners, bark and pull owners outside, howl endlessly.
Cats	Restless, meow pathetically, take kittens outside, climb high trees, twitch ears, lay ears back, leave home for days, disappear.
Rats	Disappear, fuss, panic, run along wires.
Horses	Stamp, snort, tremble, jump, buck, fall to the ground.
Cows	Bellow, crowd together, run away in panic.
Pigs	Aggressively bite each other, dig under fences, attempt to climb walls.
Deer	Leave bush and forest, do not fear humans, run to humans, run aimlessly.
Rabbits	Jump and run around.
Sea lions	Swim in zigzags, act agitatedly, fuss when out of the water, do not eat food.
Dolphins	Nervous, do not obey orders, leap out of the water.
Bats	Fly in the daytime.
<u>Birds</u>	Stop singing, become excited, flock restlessly, cry weirdly, some die.
Chickens	Flap wings, shriek as if in terror, fly, fly to roofs. Cocks crow at mid night.
Hens	Lay no eggs, or fewer eggs.
Ducks	Avoid entering water, cry, act aggressively, bite humans.
Sparrows	Flutter in swarms, flutter down while flying, no twittering.
Seagulls	Fly inland, mew in sky, stay away from the sea.
Parakeets	High pitched chirping, flutter wings, fly at night, stay on fence, die.
<u>Reptiles</u>	Come out of hibernation.
Crocodiles	Call, leave the water for land or leave cages for the forest.
Snakes	Come out to the open in winter, swarm in bamboo clumps in summer.
Turtles	Wake from hibernation, climb on others apparently in panic, run.
Crabs	Leave wet habitats and crawl ashore, large numbers found dead.
<u>Fish</u>	Float and align in one direction, leap out of water, move violently, die. Turn upside down, act as if in turmoil, swarm, bigger fishing catches. Deep sea fish appear near surface, do not eat, sea fish swim up rivers.
Eels	Crowd onshore, disappear.
<u>Insects</u>	
Ants	Leave habitats carrying their eggs, swarm, enter houses.
Bees	Evacuate hives in a frenzy, buzz agitatedly and sting aggressively.
Cockroaches	Swarm close to metal ware.
Dragonflies	Swarm and fly in one direction
Earthworms	Come out of soil, congregate.
Flies	Swarm and cling to sweaty skin, fly in circles, rotate themselves.
Silkworms	Unusual alignment.



NASA: solar system is entering a denser inter-galactic cloud, where dangerous cosmic rays' electricity will be stronger. <http://phys.org/news194079881.html>

GALAXY sends the DIVERTIBLE thunderbolts (that also stimulate magma):

"The observed electric fields in thunderclouds are generally too weak to initiate the atmosphere's electrical breakdown. But cosmic rays can play a surprising role in the drama of lightning": A. V. Gurevich and K. P. Zybin, Runaway Breakdown and the Mysteries of Lightning.

<http://www.phy.olemiss.edu/~jgladden/phys510/spring06/Gurevich.pdf>

[DIVERTIBLE] Solar flares trigger earthquakes - Jain, R., Physical Research Laboratory

EACH of the 682 >4.0 earthquakes under study was preceded by a solar flare of B to X class by 10-100 hrs.

<http://adsabs.harvard.edu/abs/2007AGUSMIN33A..03J>

[AVERTABLE] Explosive volcanic eruptions triggered by [rising now but DIVERTIBLE] cosmic rays

Toshikazu Ebisuzaki, Hiroko Miyahara, Ryuho Kataoka, Tatsuhiro Sato, Yasuhiro Ishimine

<http://sciencedirect.com/science/article/pii/S1342937X10001966>

Mountain Lightning-rod Nets can PROTECT us from deadly cosmic rays, as lightning-rods DIVERT galactic electricity and ALREADY protect cities from becoming electric quake epicenters