ΘΩΡΑΚΙΣΗ τη Γης για απόκρουση της ΤΡΙΠΛΗΣ Δαμόκλειας σπάθης πάνω μας, με εκτροπή τού ηλιο-γαλαξιακού ηλεκτρισμού (κοσμικών ακτίνων) που προκαλεί <u>γεωμαγνητικές υπερ-καταιγίδες</u>, διεγείρει ατμόσφαιρα-μάγμα (προκαλώντας σεισμούς, <u>ηφαιστειακές παγετώδεις περιόδους</u> - <u>αντιστροφή των μαγνητικών πόλων</u>), και για να αποφευχθεί παγκόσμιος πόλεμος & μοιρολατρική κανιβαλική κατάρρευση

Την πρόταση αυτή του φυσιοδίφη Ν. Κ. Γουλόπουλου, δημοσιευμένη, μεταξύ άλλων, και στο Διεθνές συνέδριο των εμπειρογνωμόνων του ΟΗΕ IDRC*, υιοθέτησε η Washington Post!**

Η ΝΑΣΑ μόλις ανακοίνωσε [1] ότι η ανθρωπότητα γλίτωσε τεράστια καταστροφή τον Ιούλιο του 2012, από ηλιο-ηλεκτρική υπερ-καταιγίδα που κατευθύνθηκε μακριά από τη Γη... Παράλληλα, παλμοί που ανακαλύφθηκαν πρόσφατα από το τεράστιο ηλεκτρο-μάγναστρο (magnetar) στο ηλεκτρικό κέντρο τού Γαλαξία μας, επιβεβαίωσαν ότι το κέντρο τού Γαλαξία δημιουργεί ένα ισχυρό ηλεκτρομαγνητικό πεδίο [1a- Kennea JA , K. K. Mori , Shannon RM et al, 2- Guo Y.], που βρήκε και ο δορυφόρος IBEX της NASA [3]. Αυτός ο ηλεκτρισμός επηρεάζει [4 - Mukherjee S.] το κλίμα της Γης ως εξής:

Το πείραμα CLOUD στο CERN έδειξε ότι ο ηλεκτρισμός των γαλαξιακών κοσμικών ακτίνων διεγείρει τα ατμοσφαιρικά αερολύματα, κυρίως ηφαιστειακή σκόνη, μαζί με τους υδρατμούς, παράγοντας τα σύννεφα [5], και, ανάλογα με το βαθμό της διέγερσης, προκύπτουν ελαφριές βροχές τις θερμές εποχές ή καταιγίδες που εναλλάσσονται με ξηρασίες τις ψυχρές εποχές [6] (όπως η πρόσφατη, ηφαιστειακή Μικρή Παγετώδης (1258-1900) [7]), οι οποίες διέλυσαν διαδοχικά τους αποδασωτές φαραώ, Ρωμαίους και τους κανίβαλους Μάγιας, Αζτέκους, Ίνκας... [8] Αυτός ο γαλαξιακός ηλεκτρισμός επίσης :

- προκαλεί τους κεραυνούς (και ΧΩΡΙΣ σύννεφα, δηλαδή **εν αιθρία!)** (9- Gurevich A.), που **εκτρέπονται από τα αλεξικέραυνα.**
- Ο ίδιος γαλαξιακός ηλεκτρισμός, είτε από το ηλεκτρικό γαλαξιακό κέντρο ή από τον ήλιο (10- Simpson J. 1967) ή από οποιοδήποτε άλλο άστρο, διεγείρει το μάγμα, προκαλώντας τους ισχυρούς σεισμούς (11- Jain , R).
- Ο ίδιος γαλαξιακός ηλεκτρισμός, όταν χτυπά τη λάβα σε κρατήρες, προκαλεί τις ηφαιστειακές εκρήξεις (12- Ebisuzaki T. et al)
- Όταν μειώνεται η ένταση του μαγνητικού πεδίου τού ήλιου, μειώνεται και αυτό τής Γης και αυξάνει τους θανάσιμους κινδύνους από την εισερχόμενη ουράνια ακτινοβολία (13 - Holme P., Palmer D.).
- Ο ηλιακός κύκλος (σήμερα πολύ αδύναμος, όσο και κατά τη διάρκεια της ηφαιστειακής Μικρής Παγετώδους) επηρεάζεται από τις τροχιές Δία - Γης - Αφροδίτης (14 – Wilson I.R.G), όταν εκτρέπουν τον γαλαξ. ηλεκ/μό προς το μέρος τους & ο ήλιος έχει λίγες κηλίδες.

Προτείνουμε την πρόβλεψη-εκτροπή τού ηλιο-γαλαξιακού ηλεκτρισμού που διεγείρει τη Γη, μέσω ηλ/μαγν. πλεγμάτων πάνω από ενεργούς κρατήρες, και ψηλά πάνω από τον ισημερινό, μέσω του οποίου ο περισσότερος γαλαξιακός ηλεκτρισμός πλήττει τον πλανήτη μας, προκαλώντας ηφαιστειακούς χειμώνες (15-16- Miller H. et al - ξεκινώντας, όπως στους πρόσφατους, ηλεκτρο-ηφαιστειακούς - 51oC στις ΗΠΑ), τις αντιστροφές των γήινων μαγνητικών πόλων (που μπορεί να συμβούν σε **λίγες** δεκαετίες: 17- Nowaczyk N.R. et al, που η Ευρ. Υπ. Διαστήματος ESA φοβάται ότι ΕΠΙΚΕΙΤΑΙ-17α), μέσω αλλαγής τής γωνίας πρόσπτωσής του, ενώ : Μια πρόσφατη έκθεση από το Εθνικό Εργαστήριο Oak Ridge των ΗΠΑ (18), αποκαλύπτει ότι "κατά τη συνήθη διάρκεια ισχύος της άδειας 40 ετών των πυρηνικών σταθμών παραγωγής ενέργειας, ηλιακές εκλάμψεις έχουν 33 τοις εκατό πιθανότητες να προκαλέσουν μακροπρόθεσμη απώλεια ισχύος [και πυρηνικές εκρήξεις]. Αυτός είναι ένας κίνδυνος πολύ μεγαλύτερος από τις περισσότερες άλλες φυσικές καταστροφές, συμπεριλαμβανομένων των μεγάλων σεισμών και των τσουνάμι".*http://idrc.info/fileadmin/user_upload/idrc/documents/IDRC14-PERSONALSTATEMENTS.pdf p. 67. **www.washingtonpost.com/blogs/innovations/wp/2014/07/31/**extreme-solar-storms-spark-a-need-for-innovation**

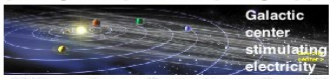
Οι κορυφαίοι αστροφυσικοί (19– Schatten/Tobiska, Steinhilber/Beer, Kirkby, Livingston/Penn, Lockwood, Svensmark, Abdussamatov, Corbyn) προβλέπουν ένα πολύ χαμηλό ηλιακό ελάχιστο, παρόμοιο με εκείνη της ηφαιστειακής Μικρής Παγετώδους, όταν «η ηφαιστειακή δραστηριότητα είναι υψηλότερη σε περιόδους παρατεταμένων ελάχιστων της ηλιακής δραστηριότητας" (20- Střeštík J., Casati M.), και "αν είχατε μια μεγάλη ηφαιστειακή έκρηξη αυτού του είδους [καταστροφικής σε παγκόσμιο επίπεδο] σήμερα, οι επιπτώσεις θα είναι τεράστιες, και λίγοι μήνες μπορεί να μην είναι αρκετοί για να αντιδράσετε" (21- Druitt T. Et al).

Προτείνουμε επίσης παγκόσμια αναδάσωση, για την περίπτωση του χειρότερου σεναρίου και άμεση αντιμετώπιση ξηρασιών/πλημμυρών. **Η ανθρωπότητα πρέπει να δράσει ενωμένη και γρήγορα με την ΑΙΩΝΟΒΙΚΗ ΑΛΛΗΛΟΒΗΘΕΙΑ!**

Να ΑΠΟΤΡΕΨΟΥΜΕ παγκόσμια κατάρρευση απ' τις 3 δαμόκλειες σπάθες

(γεωμαγνητικές υπερ-καταιγίδες, ηφαιστειακοί χειμώνες, αντιστροφή μαγνητικών πόλων)

with CENTENARIAN mutual-aid clarity!



Real risk of a 'Little Ice Age' Monday 28 October 2013, BBC

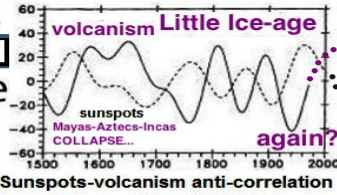
Cabinet Office

Volcanic hazards Risk

Santorini in the Aegean Sea

climatic effects.

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



Sunspots-volcanism anti-correlation

Strestik 2003

adsabs.harvard.edu/abs/2003ESASP.535..393S

Mail Online Sci

Forget global warming, worry about the MAGNETOSPHERE: Earth's magnetic field is collapsing and it could affect the climate and wipe out power grids

- **Earth's magnetic field has weakened by 15 per cent over the last 200 years**
- **Could be a sign that the planet's north and south poles are about to flip**
- **If this happens, solar winds could punch holes into the Earth's ozone layer**
- **This could damage power grids, affect weather and increase cancer rates**

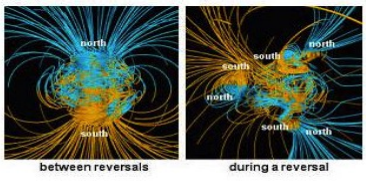
www.dailymail.co.uk/sciencetech/article-2545465/Forget-global-warming-worry-MAGNETOSPHERE-Earths-magnetic-field-collapsing-affect-climate-wipe-power-grids.html

Global Risks WORLD ECONOMIC FORUM

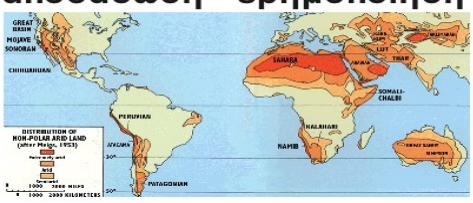
Resource wars – Scarce natural resources, from oil to potable water, could prompt violent conflict.

Volcanic winter – A level 7 or 8 eruption on the Volcanic Explosivity Index, which alters the Earth's atmospheric composition, could cool the planet and, at the least, ruin several seasons of food production. At worst, it could present an existential threat to modern civilization.

http://www.weforum.org/issues/global-risks



αποδάσωση - ερημοποίηση



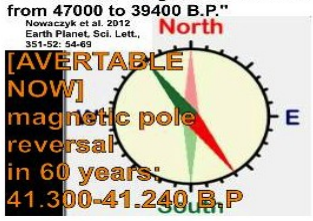
Jan. 2014 -51oC USA

Τα δάση προσφέρουν τροφή και καύσιμα

Forests feed and fuel

"Variations of magnetic declination from 47000 to 39400 B.P."

Nowaczyk et al. 2012 Earth Planet. Sci. Lett. 351-52: 54-69



IDRC DAVOS 2014

"Integrative Risk Management - The role of science, technology & practice"

Personal Statements

On the Input of Science & Technology towards the Post-2015 Framework for Disaster Risk Reduction

In March 2015, at the 3rd United Nations World Conference on Disaster Risk Reduction WCDRR, in Sendai, Japan, the United Nations Member States will discuss and hopefully adopt the successor arrangements to the Hyogo Framework for Action 2005-2015 (HFA), referred to as the Post-2015 Framework for Disaster Risk Reduction (herein after referred to as the Post-2015 FDRR). In preparing input for the preparatory process of this Post-2015 FDRR, we have asked IDRC Davos 2014 conference participants to submit a personal one page statement, highlighting gaps and needs that should be addressed in a Post-2015 FDRR. In particular, we aimed to gather personal views for next steps and further research on Disaster Risk Reduction, on education and training, on practice and implementation, and on policy improvement. The personal statements shall influence the IDRC Davos 2014 conference outcome report and serve as a further source for in-depth discussions at the IDRC Davos 2014 Post-Conference Expert Workshop.

I would like to thank all the contributors for their valuable input and concerns. I hope that the statements provide a lot of new and useful insights in future needs to be addressed over the next decade to come.

Walter J. Ammann
IDRC Davos 2014 Chairman

W. Ammann

Walter J. Ammann
Chairman IDRC Davos 2014

(όπως η θωράκιση διαστημόπλοιων - δορυφόρων) Συνέδριο εμπειρογνωμόνων του ΟΗΕ προωθεί ελληνική πρόταση εκτροπής του γαλαξιακού ηλεκτρισμού που διεγείρει ατμόσφαιρα-μάγμα, προκαλώντας μπόρες (με κεραυνούς ΚΑΙ εν αιθρία!), σεισμούς, ηφαιστειακούς χειμώνες και αντιστροφή των μαγνητικών πόλων

Nikos Goulopoulos
Avert Volcanic Winters - Magnetic Pole Reversal
Greece
irinipeace1@yahoo.gr

Research:

DOUBLE world Damocles sword to be repelled! The magnetic pole has wandered roughly 36^0 from its original mark in Canada and has now drifted or wander into Siberia. When holding a small magnet between our index finger and thumb next to a compass as we gently turn the magnet to the right, the magnetic needle on a compass will flip every time at roughly the 40^0+ mark. 7 desperate billion people will roughly escape Maya-Aztec-Inca-like cannibal self-destruction if we don't AVERT (as scientific data show) the soonest possible a sudden, expected volcanic winter [1] that could be produced [2] by the ONGOING magnetic pole reversal [3], that may be completed in a FEW DECADES [4]... We should check as soon as possible whether big electric asteroids [5] and the change of galactic center Magnetar [6] electricity angle on Equator, causes the magnetic pole reversal, as it happens in spheric conductors and compasses.

Education and training:

All humans should learn & get trained to the brilliant capabilities of our species to avert electric extinction events!

Implementation and training:

Equatorial electric mesh that diverts excessive celestial electricity from changing magma-core magnetic orientation. In addition, ALL LAND AFFORESTING is feasible and necessary to help any climate implications!

Policy dialogue:

Immediate UN-Academies talks and world rescuing orientation-preparations, with centenarian clarity!

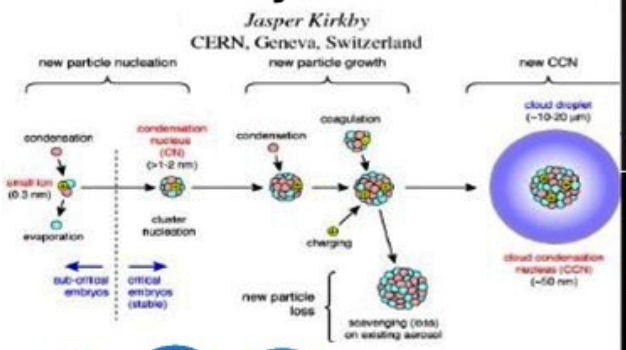
1. **Παρ΄ολίγο παγκόσμια καταστροφή από ηλιακή υπερ-καταιγίδα**: Near Miss: The Solar Superstorm of July 2012 http://science.nasa.gov/science-news/science-at-nasa/2014/23jul_superstorm/. Carrington-class CME Narrowly Misses Earth NASA VIDEO: https://www.youtube.com/watch?v=7ukQhycKOFw

- EVIDENCE FOR A SOLAR FLARE CAUSE OF THE PLEISTOCENE MASS EXTINCTION. Paul A LaViolette
https://journals.uair.arizona.edu/index.php/radiocarbon/article/view/3464/pdf RADIOCARBON, Vol 53, Nr 2, 2011, p 303–323
- Younger Dryas ELECTRIC impact: Nanodiamond-Rich Layer across Three Continents Consistent with Major Cosmic Impact at 12,800 Cal BP 18-4-2014 Charles R. Kinzie et al http://www.jstor.org/stable/10.1086/677046
1a. **Ισχυρό ηλεκτρομαγνητικό πεδίο στο κέντρο τού γαλαξία μας. A magnetar at the heart of our Milky Way** R. P. Eatough et al
http://www.nature.com/nature/journal/v501/n7467/full/nature12499.html?WT.ec_id=NATURE-20130919
J. A. Kennea et al. Swift Discovery of a new soft gamma repeater, SGR J1745-29, near Sagittarius A*, Astrophysical Journal Letters 770, L24, 2013 (http://arxiv.org/abs/1305.2128)
K. Mori et al. NuSTAR discovery of a 3.76-second transient magnetar near Sagittarius A* Astrophysical Journal Letters 770, L23, 2013 (http://arxiv.org/abs/1305.1945)
R. M. Shannon, S. Johnston Radio properties of the magnetar near Sagittarius A*
Monthly Not. Roy. Astron. Soc. (MNRAS) Letters, August 14, 2013 (http://de.arxiv.org/abs/1305.3036)
2. **Το γαλαξιακό κέντρο κύρια πηγή κοσμικών ακτίνων.** - Yiqing Guo, Zhaoyang Feng, Qiang Yuan, Cheng Liu, Hongbo Hu http://arxiv.org/abs/1101.5192
- Κοσμικές ακτίνες και κλίμα. Prof. Nir Shaviv, http://www.sciencebits.com/CosmicRaysClimate
3. http://www.nasa.gov/content/goddard/ibex-paints-picture-of-magnetic-system-beyond-solar-wind/
4. Cosmic Influence on the Sun-Earth Environment - Saumitra Mukherjee Geology and Remote Sensing, School of Environmental Sciences, Jawaharlal Nehru University, http://www.mdpi.com/1424-8220/8/12/7736
5. **Πείραμα CLOUD: ο σχηματισμός νεφών από τη διέγερση υδρατμών και ηφαιστειακής σκόνης από τις κοσμικές ακτίνες.**
http://cloud.web.cern.ch/cloud. - 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.
-Response of cloud condensation nuclei (> 5 0 n m) to changes in ion-nucleation Physics Letters A, Volume 377, Issue 37, 8 November 2013, Pages 2343–2347. Henrik Svensmark et al http://wwwsciencedirect.com/science/article/pii/S0375960113006294
6. Η ηφαιστειακή έκρηξη που ξεκίνησε τη Μικρή Παγετώδη: "Multidecadal to multi-century scale collapses of Northern Hemisphere monsoons over the past millennium" by Asmerom et al.: www.ncbi.nlm.nih.gov/pubmed/23716648
7. Source of the great A.D. 1257 mystery eruption unveiled, Samalas volcano, Rinjani Volcanic Complex, Indonesia, September 4, 2013 . Franck Lavignea et al http://www.pnas.org/content/early/2013/09/26/1307520110.short
- "Climate change on the Yucatan Peninsula during the Little Ice Age". Quaternary Research 63 (2): 109. Hodell D. Et al
8. www.humanities360.com/index.php/could-climate-change-have-destroyed-the-mycenaean-greek-civilization-5447/#sourcesAndCitations
- Volcanic explosion larger than Krakatoa triggers collapse of Bronze age William Ryan of the Lamont-Doherty Earth Observatory of Columbia University http://geologymuseum.rutgers.edu/downloads/newsletter_-_2005_spring.pdf
Were the Dark Ages Triggered by Volcano-Related Climate Changes in the 6th Century? by Ken Wohletz Los Alamos National Laboratory
http://www.ees.lanl.gov/geodynamics/Wohletz/Krakatau.htm
Dull, R. et al. "Did the TBJ Ilopango, Salvador eruption cause the AD 536 event?".*AGU Fall Meeting Abstracts* **13**: 2370.
http://adsabs.harvard.edu/abs/2010AGUFM.V13C2370D
9. **Οι ηλεκτρικές, γαλαξιακές κοσμικές ακτίνες προκαλούν τους κεραυνούς:** A. V. Gurevich and K. P. Zybin, Runaway Breakdown and the Mysteries of Lightning. http://www.phy.olemiss.edu/~jgladden/phys510/spring06/Gurevich.pdf.
10. **Η ηλιακή ακτινοβολία προκαλεί σεισμούς** - Simpson J., http://adsabs.harvard.edu/abs/1967E%26PSL...3..417S
11. Οι ηλιακές εκλάμψεις προκαλούν σεισμούς - Jain, R., Physical Research Laboratory.
ΚΑΘΕΝΑΣ από τους 682 >4.0 σεισμούς που μελετήσαμε έγινε 10-100 ώρες μετά από ηλιακή έκλαμψη Β ως Χ τάξης. adsabs.harvard.edu/abs/2007AGUSMIN33A..03J
-2011 March 9th ended with a powerful SOLAR FLARE. In addition, on March 10, 2011 around 0630 UT, a CORONAL MASS EJECTION did strike a glaceing blow to Earth's magnetic field. ww.nasa.gov/mission_pages/sunearth/news/News031011-xclass.html
12. **Οι ηφαιστειακές εκρήξεις προκαλούνται από κοσμικές ακτίνες:** Volcano as a bubble chamber
Toshikazu Ebisuzaki, Hiroko Miyahara, Ryuho Kataoka, Tatsuhiko Sato, Yasuhiro Ishimine
http://www.sciencedirect.com/science/article/pii/S1342937X10001966
13. Severe Space Weather Events: Understanding Societal and Economic Impacts http://www.nap.edu/catalog/12643.html.
Danger of Solar and Cosmic Radiation in Space, Palmer D., http://imagine.gsfc.nasa.gov/docs/ask_astro/answers/980119b.html
- **ΠΡΟΣΟΧΗ στην ΑΝΤΙΣΤΡΟΦΗ των μαγνητικών πόλων! A geomagnetic reversal may happen sooner than expected**
http://www.scientificamerican.com/article/earth-s-impending-magnetic-flip/
14. The Venus–Earth–Jupiter spin–orbit coupling model, I. R. G. Wilson, The Liverpool Plains Daytime Astronomy Centre, Gunnedah, Australia - http://www.pattern-recogn-phys.net/1/147/2013/prp-1-147-2013.pdf
15. **Η απότομη αρχή τής Μικρής Παγετώδους έγινε από ηφ. έκρηξη** 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
16. Rutgers: Volcanic explosion larger than Krakatoa triggers collapse of Bronze age. William Ryan of the Lamont-Doherty Earth Observatory of Columbia University http://geologymuseum.rutgers.edu/downloads/newsletter_-_2005_spring.pdf
17. N.R. Nowaczyk, H.W. Arz, U. Frank, J. Kind, B. Plessen. Dynamics of the Laschamp geomagnetic excursion from Black Sea sediments. Earth and Planetary Science Letters, 2012; 351-352: 54
http://www.sciencedirect.com/science/article/pii/S0012821X12003421- www.youtube.com/watch?v=kqWKj824TQc
17a. **Earth's Magnetic Field Is Weakening 10 Times Faster Now** "The scientists who conducted the study are still unsure why the magnetic field is weakening, but one likely reason is that Earth's magnetic poles are getting ready to flip, said Rune Floberghagen, the ESA's Swarm mission manager." http://www.livescience.com/46694-magnetic-field-weakens.html
18. http://www.ibtimes.com/massive-solar-storm-could-cause-catastrophic-nuclear-threat-us-825205#
19. Solar Activity Heading for a Maunder Minimum? Bulletin of the American Astronomical Society, Vol. 35, p.817
http://adsabs.harvard.edu/abs/2003SPD....34.0603S Schatten, K. H.; Tobiska, W. K.
-Steinhilber, F. and Beer, J., 2013, "Prediction of solar activity for the next 500 years" Journal of Geophysical Research: Space Physics, vol. 118, 1-7
http://www.eawag.ch/forschung/surf/publikationen/2013/2013_steinhilber.pdf
-Dr H. Abdussamatov, of R.A.S Pulkovo Observatory predicts COOLING http://www.gao.spb.ru/english/astrometr/index1_eng.html
- Kirkby J.: Cosmic rays and climate, CERN Colloquium, 4 June 2009. http://indico.cern.ch/getFile.py/access?resId=0&materialId=slides&confId=52576.
- Prof. Svensmark H. Head of Denmark Space Center: "global warming stopped and a cooling is beginning" http://wattsupwiththat.com/2009/09/10/svensmark-global-warmingstoppedand-a-cooling-is-beginning-enjoy-global-warming-while-it-lasts/
- Prof. 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
-Drs Matt Penn and William Livingston of the National Solar Observatory: Our data show that there are additional changes occurring in sunspots, independent of the sunspot cycle, and these trends suggest that sunspots will disappear completely. Such an event would not be unprecedented, since during a famous episode from 1645-1715, known as the Maunder Minimum, the normal 11-year periodicity vanished and there were virtually no sunspots visible on the solar surface.
http://wattsupwiththat.com/2008/06/02/livingstonand-penn-paper-sunspots-may-vanish-by-2015/
- BBC - Κυριακάτικοι Τάιμς: **Η Ευρώπη ίσως μπαίνει σε νέα Μικρή Παγετώδη:** http://www.bbc.co.uk/blogs/paulhudson/posts/ Real-risk-ofa-Maunder-minimum-Little-Ice-Age-says-leading-scientist. - 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.
- Βρετ. Υπ. Προεδρίας - Κίνδυνος ηφαιστειακού χειμώνα -Britain National Risk Register of Civil Emergencies - Volcanic hazards Risk [=VOLCANIC WINTER]. https://update.cabinetoffice.gov.uk/sites/default/files/resources/CO_NationalRiskRegister_2012_acc.pdf.
- **Το Παγκόσμιο Οικονομικό Φόρουμ τρέμει ηφαιστειακό χειμώνα:** http://www3.weforum.org/docs/
20. Jaroslav Strestik, 2003: Possible correlation between solar and volcanic activity in a long-term scale: [cooling clouding]. Η ηφαιστειακή δραστηριότητα είναι πιο υψηλή σε περιόδους χαμηλής ηλιακής δράσης and vice versa. http://adsabs.harvard.edu/abs/2003ESASP.535..393S – Casati M. EGU G.Assembly, 2014
- Drs I. Charvatova, J. Strestik - Geophysical Institute of the Czech Academy of Sciences: **"χαμηλή ηλιακή δράση, μεγάλες ηφαιστειακές εκρήξεις και χαμηλότερες θερμοκρασίες αναμένονται τις επόμενες δεκαετίες"**. http://rebel.ig.cas.cz/activities/Rocenka93-4/charv.htm
21. Nature 482, 7780: Decadal to monthly timescales of magma transfer and reservoir growth at a caldera volcano. T. H. Druitt et al, http://www.nature.com/nature/journal/v482/n7383/full/nature10706.html

C.E.R.N

Cosmic rays and climate

Electro-volcanic origin of climate



Explosive volcanic eruptions triggered by cosmic rays

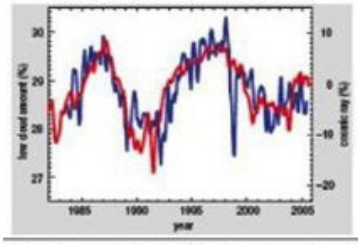
Ebisuzaki T. et al

C.L.OU.D research

http://cloud.web.cern.ch

Lightnings are triggered by cosmic rays:Gurevich 2005

Cosmic rays - clouds correlation



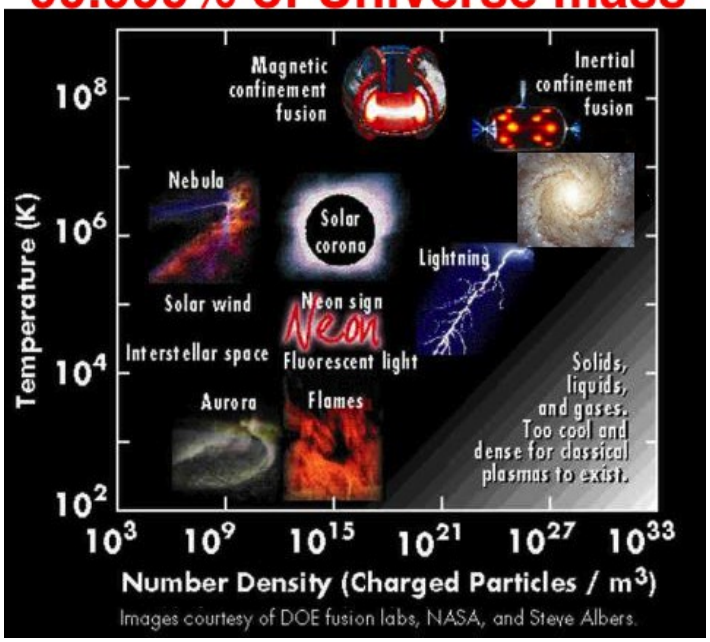
Weaker Sun correlates with [DIVERTABLE, as with lightning-rods & spacecraft-satellite shielding] stronger galactic electricity on Earth, that stimulates atmosphere - water surface - magma, rising volcanic clouding - cooling, periodically leading to volcanic winters and the volcanic ice-ages

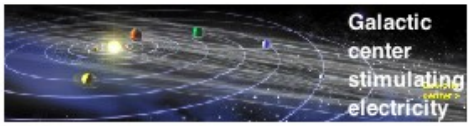
HANNES ALFVÉN

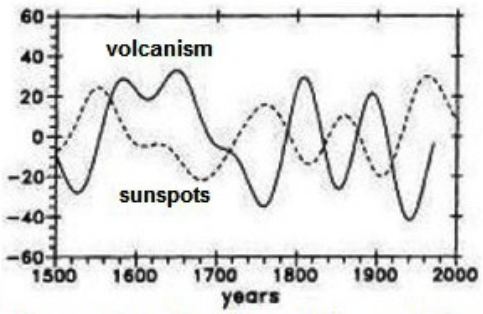
Plasma physics, space research and the origin of the solar system

Nobel Lecture, December 11, 1970

99.999% of Universe mass







Sunspots-volcanism anti-correlation

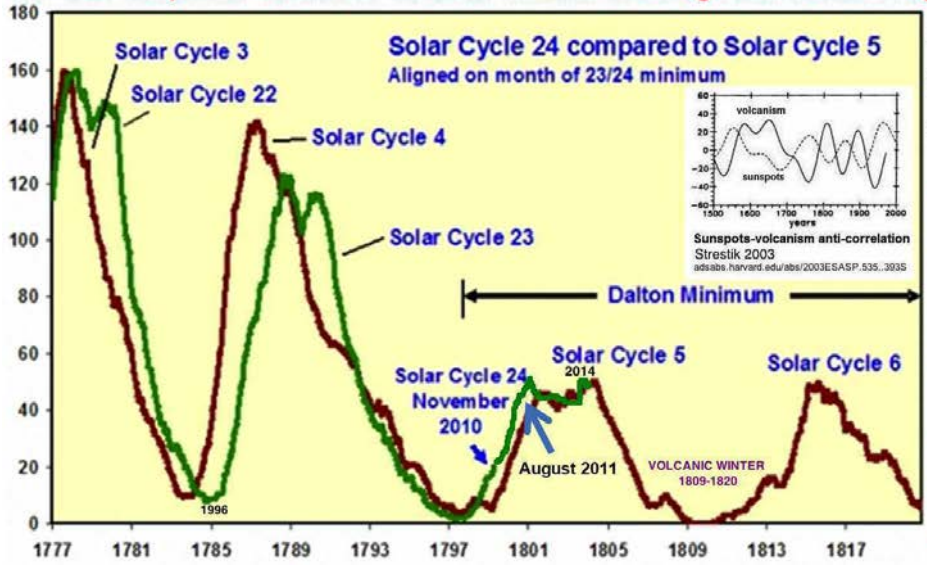
Strestik 2003

adsabs.harvard.edu/abs/2003ESASP.535..393S

When the stimulating galactic electricity to the sun, is diverted by any planet to the others, then they are stimulated, the sun has less sunspots and the Earth gets more electric cosmic rays' stimulation, resulting in more storms, quakes, volcanic clouding

global-providence.info

We CAN cooperate to AVERT volcanic disasters through e/m meshes high over active craters to hold ash*



As magma stimulation rise, there's a rise in quakes - volcanic ash-clouding-storms

VEI	Volcano (eruption)	Year
4	Ulawun[1]	2000
4?	Shiveluch[2]	2001
4?	Ruang[4]	2002
4	Reventador[5]	2002
4?	Manam[6]	2004
4?	Rabaul[7]	2006
4?	Mount Okmok[8]	2008
4	Chaiten[9]	2008
4	Kasatochi[11]	2008
4	Sarychev Peak[12]	2009
4	Eyjafjallajökull[13]	2010
4	Mount Merapi[14]	2010
4	Grímsvötn	2011
5	Puyehue-Cordón Caulle	2011
4	Nabro	2011
3+	Mount Etna[16]	2012
4	Kelud	2014
4	Sangeang Api[18]	2014
	Rabaul	2014

& divert cosmic rays stimulating magma: global-providence.info

Electromagnetic Earth SHIELDING (as with spacecrafts/satellites) to repel the TRIPLE Damocles sword: electromagnetic solar super-storms - electro-volcanic ice-ages - electromagnetic pole reversal

DIVERTABLE celestial electricity causes AVERTABLE lightnings-storms *(Gurevich)*, **quakes** *(Jain)*, **volcanic eruptions** *(Ebisuzaki)*, **electromagnetic pole reversals** *(Efthimiu)*

global-providence.info

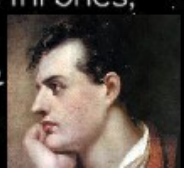
During the long volcanic winter that started by un unknown volcano in 1809 and continued by Tambora, 1815 eruption, Byron wrote:

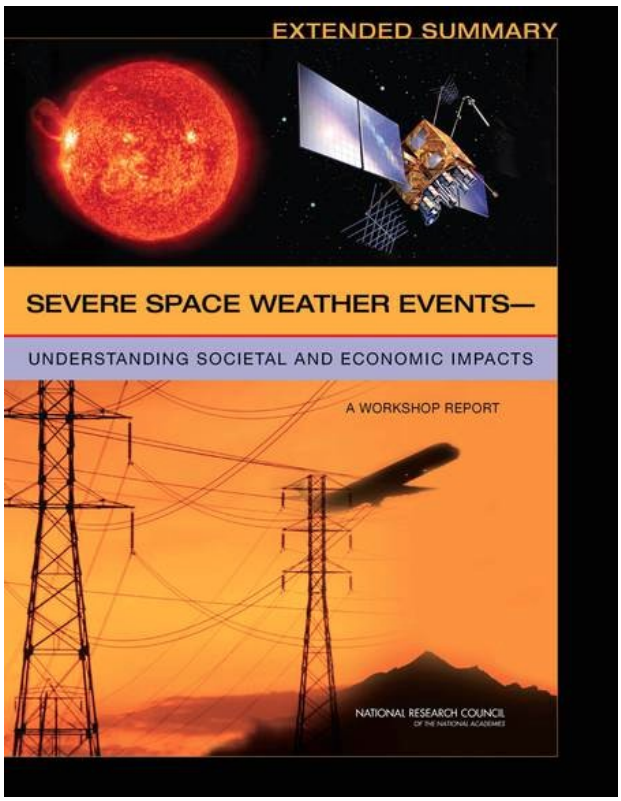
I had a dream, which was not all a dream.
The bright sun was extinguish'd, and the stars
Did wander darkling in the eternal space,
Rayless, and pathless, and the icy earth

Swung blind and blackening in the moonless air;
Morn came, and went and came, and brought no day,
And men forgot their passions in the dread
Of this desolation; and all hearts
Were chill'd into a selfish prayer for light:
And they did live by watchfires - and the thrones,

Darkness - Lord Byron

mortisia.tumblr.com





Earth SHIELDING to repel the TRIPLE Damocles sword over us, by diverting the solar-galactic electricity (cosmic rays) causing geomagnetic super-storms & stimulating atmosphere-magma-magnetic poles' reversal-volcanic ice-ages, and to AVERT another world war & global cannibalic collapse

The proposal was adopted by The Washington Post!* www.global-providence.info

NASA just announced [1] that humankind near-missed an extinction event, July 2012, by a solar super-storm, that was headed away from Earth... Also, newly discovered huge magnetar's pulsations from the electric center of our Milky-way confirm that the Galaxy's center generates a strong electromagnetic field [1a- Eatough R. P., Kennea J. A., K. Mori K., Shannon R. M. et al., 2- Guo Y. et al], that was found by the IBEX NASA mission [3]. Cosmic influence on the Sun-Earth environment [4- Mukherjee S.] works like this: CERN CLOUD experiment showed that the galactic cosmic rays' electricity stimulate the atmospheric aerosols, mainly volcanic, together with the water vapor, producing the clouds [5], and, depending on the degree of stimulation, they result in light rains of warm seasons or downpours alternating with droughts of cold seasons [6], as in the recent, volcanic Little Ice-age (1258-1900) [7], that destroyed Mayas, Aztecs, Incas, like some precedents devastated pharaohs, Mycenaeans, Romans and many others [8]…

This celestial electricity also:

-causes the thunderbolts, even from CLEAR sky (9- Gurevich A.), which can be diverted by lightning-rods;

-the SAME celestial electricity, either by the electric galactic center, or by the Sun (10- Simpson J.) or by any other star, stimulates the magma, causing strong earthquakes (11- Jain, R);

-The SAME celestial electricity when it hits lava in the craters causes volcanic eruptions (12- Ebisuzaki T. et al).

-The decreasing Sun's electro-magnetic field strength, weakens also the Earth's electro-magnetic field, raising the deadly dangers from the incoming celestial radiation (13- US National Academy of Sciences, Palmer D.).

- The solar cycle (today very weak as during the volcanic Little Ice-age) is influenced by the Venus–Earth–Jupiter orbits (14- Wilson I. R. G.), when they divert galactic electricity towards them and thus the sun has few sunspots.

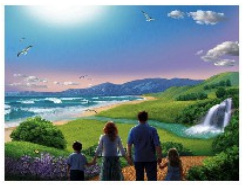
We propose the forecast, measurement and diversion of the solar-celestial electricity that stimulates Earth, through electromagnetic meshes over active craters and high over Equator (maybe in Lagrangian points), where most celestial electricity hits our planet, causing volcanic winters (15-16, which begun like the recent, electro-volcanically induced, -51oC in the USA), and magnetic pole reversals, through the change of its angle, may be extremely fast, in only a few decades! - 17- Nowaczyk N.R., that ESA fears it's IMMINENT! -17a) and:

A recent report by the Oak Ridge National Laboratory (18) discloses that over the standard 40-year license term of nuclear power plants, solar flare activity provides a 33 percent chance of long-term power loss [and potential nuclear explosions]. This is a risk far greater than most other natural disasters, including major earthquakes and tsunamis.

Top astrophysicists (19- Steinhilber F. / Beer J. Schatten K. / Tobiska W., Kirkby, Livingston/Penn, Lockwood, Svensmark, Abdussamatov, Corbyn) forecast a deep solar minimum, similar to that of the volcanic Little Ice-Age, when "volcanic activity is higher in periods of prolonged minima of solar activity" (20- Strestik J., Casati M.). And "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" [21- Druitt T. et al]. *www.washingtonpost.com/blogs/innovations/wp/2014/07/31/**extreme-solar-storms-spark-a-need-for-innovation**

We also propose global afforestation, in case of the worst case scenario.

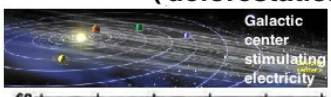
Humankind must act united and fast, with the CENTENTARIAN MUTUAL-AID CLARITY!



Let's AVERT global collapse by the 3 Damocles' swords

(deforestation - volcanic winters - magnetic pole reversal)

with CENTENARIAN mutual-aid clarity!



Real risk of a 'Little Ice Age' Monday 28 October 2013, BBC

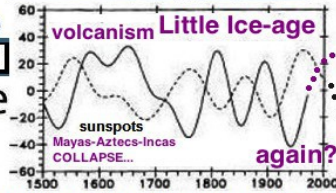
Cabinet Office

Volcanic hazards Risk

Santorini in the Aegean Sea

climatic effects.

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



Sunspots-volcanism anti-correlation

Strestik 2003

adsabs.harvard.edu/abs/2003ESASP.535..393S

Mail Online Sci

Forget global warming, worry about the MAGNETOSPHERE: Earth's magnetic field is collapsing and it could affect the climate and wipe out power grids

- **Earth's magnetic field has weakened by 15 per cent over the last 200 years**
- **Could be a sign that the planet's north and south poles are about to flip**
- **If this happens, solar winds could punch holes into the Earth's ozone layer**
- **This could damage power grids, affect weather and increase cancer rates**

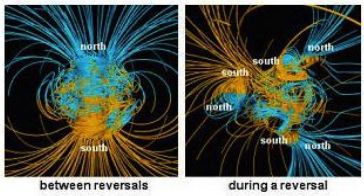
www.dailymail.co.uk/sciencetech/article-2545465/Forget-global-warming-worry-MAGNETOSPHERE-Earths-magnetic-field-collapsing-affect-climate-wipe-power-grids.html

Global Risks WORLD ECONOMIC FORUM

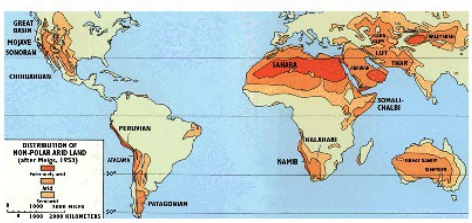
Resource wars – Scarce natural resources, from oil to potable water, could prompt violent conflict.

Volcanic winter – A level 7 or 8 eruption on the Volcanic Explosivity Index, which alters the Earth's atmospheric composition, could cool the planet and, at the least, ruin several seasons of food production. At worst, it could present an existential threat to modern civilization.

http://www.weforum.org/issues/global-risks



deforestation - desertification

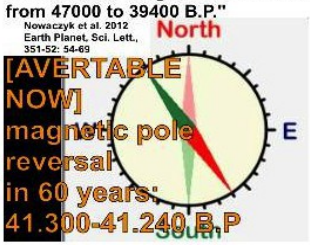


Jan. 2014 -51oC USA

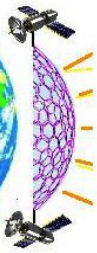
Forest-Autarky can feed & fuel Earth Shielding!

"Variations of magnetic declination from 47000 to 39400 B.P."

Nowaczyk et al. 2012 Earth Planet. Sci. Lett., 351-52: 54-69



S.A.F.E. Shield & Afforest Earth !!!



REFERENCES: *www.**washingtonpost**.com/blogs/innovations/wp/**2014/07/31/extreme-solar-storms-spark-a-need-for-innovation**

1. Near Miss: The Solar Superstorm of July 2012 http://science.nasa.gov/science-news/science-at-nasa/2014/23jul_superstorm/. ScienceCasts: Carrington-class CME Narrowly Misses Earth NASA VIDEO: https://www.youtube.com/watch?v=7ukQhycKOFw. -EVIDENCE FOR A SOLAR FLARE CAUSE OF THE PLEISTOCENE MASS EXTINCTION. Paul A LaViolette https://journals.uair.arizona.edu/index.php/radiocarbon/article/view -Younger Dryas ELECTRIC impact: Nanodiamond-Rich Layer across Three Continents Consistent with Major Cosmic Impact at 12,800 Cal BP 18-4-2014 Charles R. Kinzie et al http://www.jstor.org/stable/10.1086/677046
1a. A strong magnetic field around the supermassive black hole at the centre of the Galaxy R. P. Eatough et al http://www.nature.com/nature/journal/v501/n7467/full/nature12499.html?WT.ec_id=NATURE-20130919
A magnetar at the heart of our Milky Way - J. A. Kennea et al. Swift Discovery of a new soft gamma repeater, SGR J1745-29, near Sagittarius A*, *Astrophysical Journal Letters* 770, L24, 2013 (http://arxiv.org/abs/1305.2128)
K. Mori et al. NuSTAR discovery of a 3.76-second transient magnetar near Sagittarius A*
Astrophysical Journal Letters 770, L23, 2013 (http://arxiv.org/abs/1305.1945)
R. M. Shannon, S. Johnston Radio properties of the magnetar near Sagittarius A*
Monthly Not. Roy. Astron. Soc. (MNRAS) Letters, August 14, 2013 (http://de.arxiv.org/abs/1305.3036)
2. On the Galactic Center Being the Main Source of Galactic Cosmic Rays as Evidenced by Recent Cosmic Ray and Gamma Ray Observations - Yiqing Guo, Zhaoyang Feng, Qiang Yuan, Cheng Liu, Hongbo Hu http://arxiv.org/abs/1101.5192
- Prof. Nir Shaviv http://www.sciencebits.com/CosmicRaysClimate
3. http://www.nasa.gov/content/goddard/ibex-paints-picture-of-magnetic-system-beyond-solar-wind/#.U1S27uZ_uwg
4. Cosmic Influence on the Sun-Earth Environment - Saumitra Mukherjee Geology and Remote Sensing, School of Environmental Sciences, Jawaharlal Nehru University, http://www.mdpi.com/1424-8220/8/12/7736
5. The CLOUD project study the influence of galactic cosmic rays on the Earth's climate through the media of aerosols & clouds. http://cloud.web.cern.ch/cloud.
- Jasper Kirkby /CERN, Cosmic rays and climate, CERN Colloquium, 4 June 2009. http://indico.cern.ch/event/52576/material/slides/0
-Response of cloud condensation nuclei (> 5 0 n m) to changes in ion-nucleation Physics Letters A, Volume 377, Issue 37, 8 November 2013, Pages 2343–2347. Henrik Svensmark, Martin B. Enghoff, Jens Olaf Pepke Pedersen. http://www.sciencedirect.com/science/article/pii/S0375960113006294
6. Multidecadal to multi-century scale collapses of N. Hemisphere monsoons over the past millennium, Asmerom et al.: www.ncbi.nlm.nih.gov/pubmed/23716648
7 Source of the great A.D. 1257 mystery eruption unveiled, Samalas volcano, Rinjani Volcanic Complex, Indonesia, September 4, 2013 . Franck Lavignea et al http://www.pnas.org/content/early/2013/09/26/1307520110.short
- "Climate change on the Yucatan Peninsula during the Little Ice Age". Quaternary Research 63 (2): 109. Hodell D. Et al
8. http://www.humanities360.com/index.php/could-climate-change-have-destroyed-the-mycenaean-greek-civilization-5447/#sourcesAndCitations
- Volcanic explosion larger than Krakatoa triggers collapse of Bronze age William Ryan of the Lamont-Doherty Earth Observatory of Columbia University http://geologymuseum.rutgers.edu/downloads/newsletter_-_2005_spring.pdf
Were the Dark Ages Triggered by Volcano-Related Climate Changes in the 6th Century? by Ken Wohletz Los Alamos National Laboratory http://www.ees.lanl.gov/geodynamics/Wohletz/Krakatau.htm
Dull, R. et al. "Did the TBJ Ilopango, Salvador eruption cause the AD 536 event?".*AGU Fall Meeting Abstracts* **13**: 2370. http://adsabs.harvard.edu/abs/2010AGUFM.V13C2370D
9. 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.
10. **Solar activity as a triggering mechanism for earthquakes** - Simpson J., http://adsabs.harvard.edu/abs/1967E%26PSL...3..417S
11. **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 2011 March 9th ended with a powerful SOLAR FLARE. In addition, on March 10, 2011 around 0630 UT, a CORONAL MASS EJECTION did strike a glaceing blow to Earth's magnetic fiel. nasa.gov/mission_pages/sunearth/news/News031011-xclass.html
12. Explosive volcanic eruptions triggered by cosmic rays: Volcano as a bubble chamber Toshikazu Ebisuzaki, Hiroko Miyahara, Ryuho Kataoka, Tatsuhiko Sato, Yasuhiro Ishimine http://www.sciencedirect.com/science/article/pii/S1342937X10001966
13. Danger of Solar and Cosmic Radiation in Space, Palmer D., http://imagine.gsfc.nasa.gov/docs/ask_astro/answers/980119b.html
- **A geomagnetic reversal may happen sooner than expected** http://www.scientificamerican.com/article/earth-s-impending-magnetic-flip/
14. The Venus–Earth–Jupiter spin–orbit coupling model, I. R. G. Wilson, The Liverpool Plains Daytime Astronomy Centre, Gunnedah, Australia
- http://www.pattern-recogn-phys.net/1/147/2013/prp-1-147-2013.pdf
15. **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
16. Rutgers Volcanic explosion larger than Krakatoa triggers collapse of Bronze age William Ryan of the Lamont-Doherty Earth Observatory of Columbia University http://geologymuseum.rutgers.edu/downloads/newsletter_-_2005_spring.pdf
17. N.R. Nowaczyk, H.W. Arz, U. Frank, J. Kind, B. Plessen. Dynamics of the Laschamp geomagnetic excursion from Black Sea sediments. Earth and Planetary Science Letters, 2012; 351-352: 54 http://www.sciencedirect.com/science/article/pii/S0012821X12003421 - http://youtu.be/kEEm2aLwqDQ
17a. **Earth's Magnetic Field Is Weakening 10 Times Faster Now** "The scientists who conducted the study are still unsure why the magnetic field is weakening, but one likely reason is that Earth's magnetic poles are getting ready to flip, said Rune Floberghagen, the ESA's Swarm mission manager." http://www.livescience.com/46694-magnetic-field-weakens.html
18. http://www.ibtimes.com/massive-solar-storm-could-cause-catastrophic-nuclear-threat-us-825205#
19. Solar Activity Heading for a Maunder Minimum? Bulletin of the American Astronomical Society, Vol. 35, p.817 http://adsabs.harvard.edu/abs/2003SPD....34.0603S Schatten, K. H.; Tobiska, W. K.
- Steinhilber, F. and Beer, J., 2013, "Prediction of solar activity for the next 500 years" Journal of Geophysical Research: Space Physics, vol. 118, 1-7 http://www.eawag.ch/forschung/surf/publikationen/2013/2013_steinhilber.pdf
-Dr H. Abdussamatov predicts COOLING http://www.gao.spb.ru/english/astrometr/index1_eng.html
- Dr Kirkby J.: Cosmic rays and climate, CERN Colloquium, 4 June 2009. http://indico.cern.ch/getFile.py/access?resId=0&materialId=slides&confId=52576.
- Prof. Svensmark H. Head of Denmark Space Center: "global warming stopped and a cooling is beginning" wattsupwiththat.com/2009/09/10/svensmark-global-warming-stopped-and-a-cooling-is-beginning-enjoy-global-warming-while-it-lasts
- Prof. 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
- Drs Matt **Penn** and William **Livingston-** Arizona National Solar Observatory http://wattsupwiththat.com/2008/06/02/livingston-and-penn-paper-sunspots-may-vanish-by-2015/
- http://www.bbc.co.uk/blogs/paulhudson/posts/Real-risk-of-a-Maunder-minimum-Little-Ice-Age-says-leading-scientist
- Britain National Risk Register of Civil Emergencies - 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 thesundaytimes.co.uk/sto/news/uk_news/National/article794416.ece
- World Economic Forum fears VOLCANIC WINTER: http://www3.weforum.org/docs/
20.Jaroslav Strestik 2003 Possible correlation between solar and volcanic activity in a long-term scale: [cooling clouding] Volcanic activity is usually higher in periods of prolonged minima of solar activity and vice versa. http://adsabs.harvard.edu/abs/2003ESASP.535..393S
- Drs I. Charvatova, J. Strestik Geophysical Institute of the Czech Academy of Sciences: **"lower solar activity, occurrence of huge volcanic events and lower surface air temperature could be expected in the next decades".** http://rebel.ig.cas.cz/activities/Rocenka93-4/charv.htm.
- **Significant statistically relationship between the great volcanic eruptions and the count of sunspots from 1610 to the present**
Casati, Michele **EGU General Assembly 2014**
http://michelecasati.altervista.org/significant-statistically-relationship-between-the-great-volcanic-eruptions-and-the-count-of-sunspots-from-1610-to-the-p.html
21. Nature 482, 7780: Decadal to monthly timescales of magma transfer and reservoir growth at a caldera volcano. T. H. Druitt et al, http://www.nature.com/nature/journal/v482/n7383/full/nature10706.html

The Washington Post

Innovations

Extreme solar storms spark a need for innovation

By Dominic Basulto July 31 at 1:08 PM Follow @do

NASA has warned that extreme solar storms could have disastrous implications for planet Earth. It's not too soon to start thinking of possible solutions. (EPA/NASA/Solar Dynamics Observatory)

Extreme solar storms would likely cause planes to crash and power grids to fail. A massive solar storm similar to the one in 2012 could wipe out GPS, satellite communication, the power grid, the Internet – just about anything that would be affected by a sufficiently large direct electromagnetic blast from the sun.

One thing that could be done now is to launch a competition to attract the best ideas from the scientific community, similar to what NASA does with its Innovative Advanced Concepts program. That's how NASA came up with its WRANGLER scheme to capture asteroids. There are also private sector prize competitions, like the XPrize. Current XPrize competitions include the Google Lunar XPrize, which awards $30 million to the first team that can send a robot to the moon capable of performing certain tasks. The basic idea of any prize competition is relatively simple: Put out a description of what needs to be done, set defined goals, put funding against it to attract the most innovative minds, and then let them come up with a truly creative concept. Surely, a lot of the ideas for protecting the Earth from a solar storm would be purely experimental and theoretical, but there's time to figure this out.

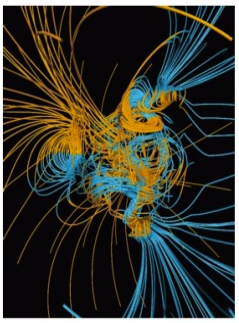
Earth has a type of "plasma shield" that it uses to protect itself. It's been noticed that, in the event of extreme solar activity, the Earth's magnetosphere adjusts in response to the CMEs from the sun. Maybe that system could be exploited or augmented by man-made means to create a shield that powers up or powers down anytime NASA's early-warning system detects unusual activity.

SCIENTIFIC AMERICAN™

Earth's Impending Magnetic Flip

A geomagnetic reversal may happen sooner than expected

Sep 16, 2014 | By Annie Sneed



Earth's magnetic north and south poles have flip-flopped many times in our planet's history—most recently, around 780,000 years ago. Geophysicists who study the magnetic field have long thought that the poles may be getting ready to switch again, and based on new data, it might happen earlier than anyone anticipated.

The European Space Agency's satellite array dubbed "Swarm" revealed that Earth's magnetic field is weakening 10 times faster than previously thought.

http://www.scientificamerican.com/article/earth-s-impending-magnetic-flip/

THE AUSTRALIAN LOG IN SIGN UP NEWS.COM.AU FOX SPORTS CAREERONE CARS

Australian prime-minister advisor warns: We're ill-prepared if the iceman cometh

MAURICE NEWMAN | THE AUSTRALIAN | AUGUST 14, 2014 12:00AM SAVE

WHAT if David Archibald's book, "The Twilight of Abundance. Why Life In The 21st Century Will Be Nasty Brutish and Short", turns out to be right? What if the last 50 years of peace, cheap energy, abundant food, global economic growth and population explosion have been due to a temporary climate phenomenon?

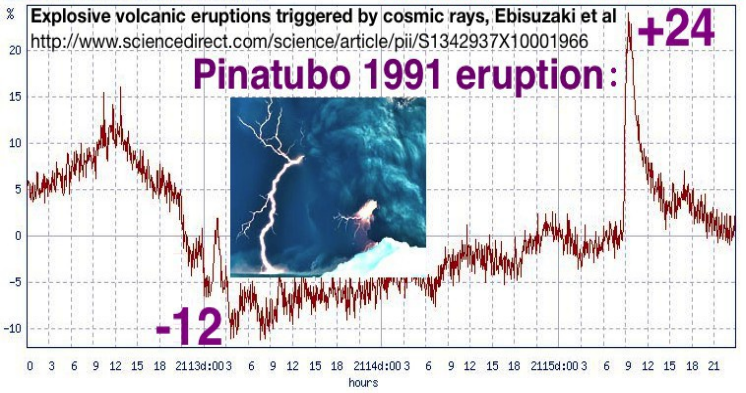
In a Letter to the Editor of Astronomy and Astrophysics, Usokin et al, produced the "first fully adjustment-free physical reconstruction of solar activity". They found that over the last 3,000 years the modern Grand maxima which occurred between 1959 and 2009, was a rare event both in magnitude and duration.

http://www.theaustralian.com.au/opinion/were-illprepared-if-the-iceman-cometh/story-e6frg6zo-1227023489894#

TED founder Richard Wurman WARNS for VOLCANIC WINTER!

Oulu Neutron Monitor DIVERTABLE Celestial Earth stimulation

1991-06-12 00:00 - 1991-06-16 00:00 UT



The Volcano That Caused the French Revolution

Colossal volcanic eruption could destroy Japan: study

AFP
October 23, 2014

au.news.yahoo.com/thewest/world/a/25335244/colossal-volcanic-eruption-could-destroy-japan-study
http://www.kobe-u.ac.jp/NEWS/info/2014_10_22_01.html

NEW ALERT for AVERTABLE electric disasters!

CNBC

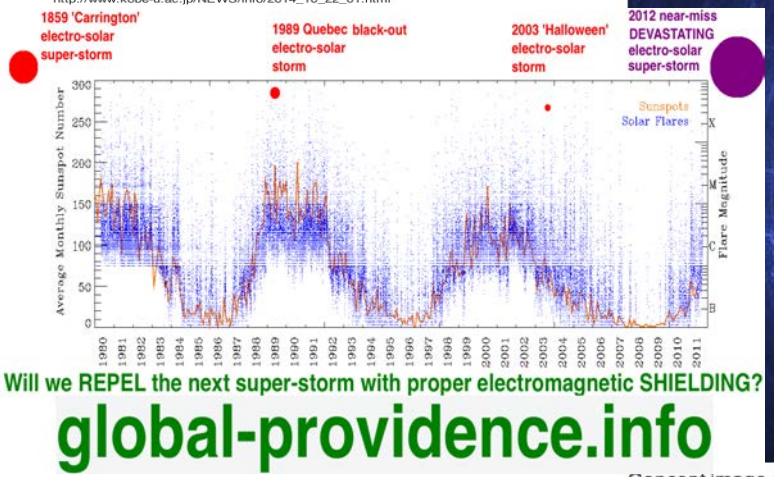
Paul Singer: This threat is 'head-and-shoulders' above all others

Lawrence Delevingne | @ldelevingne
Tuesday, 29 Jul 2014

Concept image of an electromagnetic field

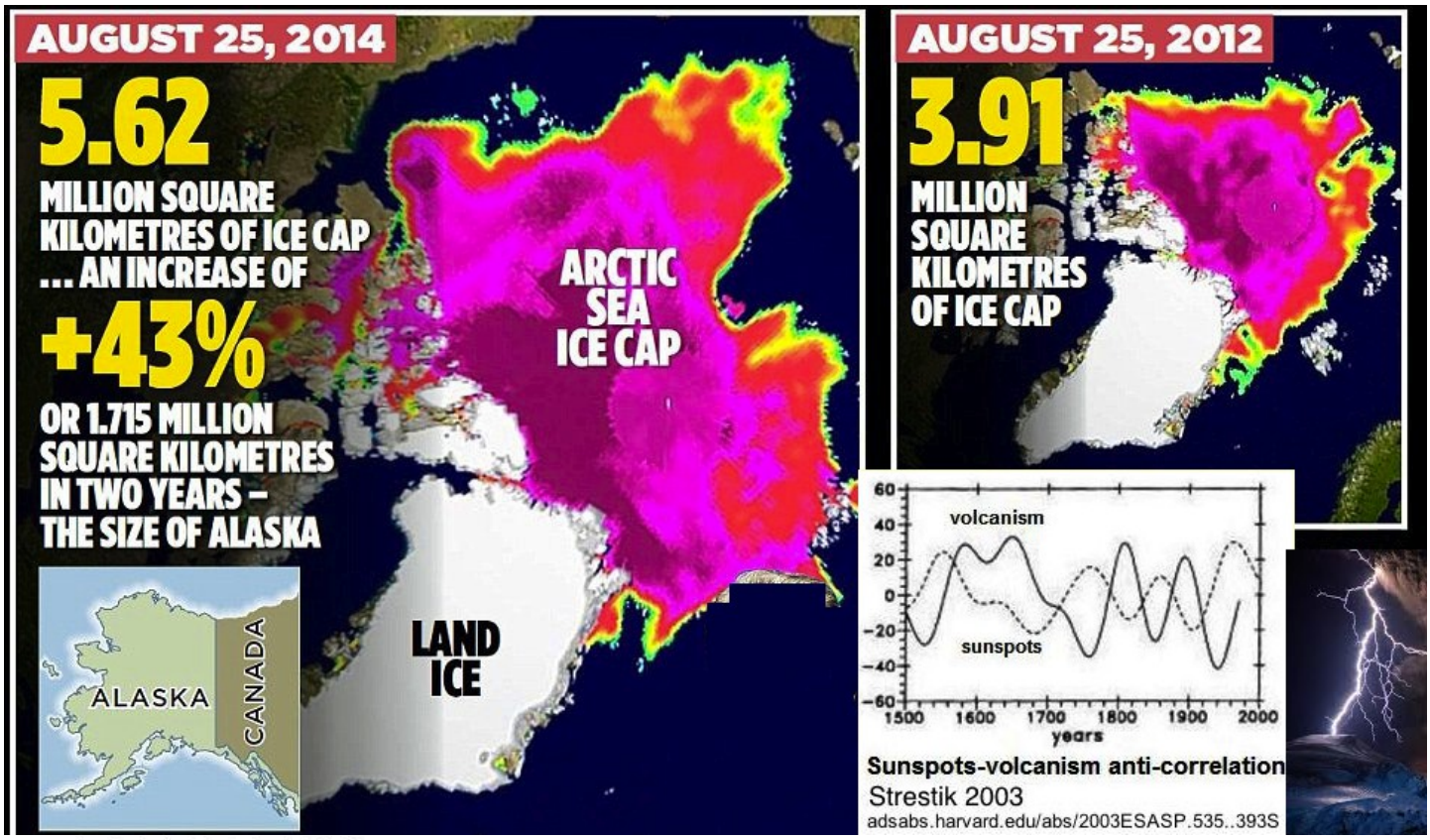
Billionaire hedge fund manager Paul Singer has issued an unusual warning for investors, calling the threat of a widespread blackout from an electromagnetic surge the "most significant danger" in the world.

Called an "electromagnetic pulse" or EMP, the events can occur naturally from solar storms http://www.cnbc.com/id/101875747



Will we REPEL the next super-storm with proper electromagnetic SHIELDING?

global-providence.info



EXPRESS
Home of the Daily and Sunday Express

Icelandic volcano could trigger Britain's coldest winter EVER this year

BRITAIN could freeze in YEARS of super-cold winters and miserable summers if the Bardarbunga volcano erupts, experts have warned.

By: Nathan Rao
Published: Sun, August 24, 2014

Recommend 4.2k Tweet 312 Share 34

Britain could face a freezing winter if the Icelandic volcano erupts[NORTH NEWS]

http://www.express.co.uk/news/nature/502349/Iceland-ash-cloud-could-trigger-freezing-cold-winter-this-year-if-it-erupts

EMERGENCY solution for NON-AVERTED eruptions

Should we bomb Iceland's Bárðarbunga volcano?

Aerial bombing of Hawaii's Mauna Loa volcano was done in the past, widening the eruption crater to minimize high flying volcanic ash problems. WUWT reader "magma control" writes in with this suggestion: The USAF bombed the Hawaiian volcano Mauna Loa, in 1935 and 1942 to divert lava flows threatening Hilo, and again for testing in 1975-76...

Continue reading →

wattsupwiththat.com/2014/08/27/should-we-bomb-icelands-bardarbunga-volcano

Iceland volcano 'pollutes Paris'
http://www.euronews.com/2014/09/25/iceland-volcano-pollutes-paris/

<u>TRIPLE</u> <u>world</u> Damocles sword to be repelled! The magnetic pole has wandered roughly 36˚ from its original mark in Canada and has now drifted or wander into Siberia. When holding a small magnet between our index finger and thumb next to a compass as we gently turn the magnet to the right, the magnetic needle on a compass will flip every time at roughly the 40˚+ mark.
7 desperate billion people, NASA said recently, just escaped 2 years ago a world disaster by a huge solar flare that was directed away from Earth, but will roughly escape Maya-Aztec-Inca-like cannibal self-destruction if we don't AVERT (as scientific data show) the soonest possible a new huge solar flare hit and a sudden, expected volcanic winter that could be produced by the provenly ONGOING magnetic pole reversal, that may be completed in a FEW DECADES ... We should test as soon as possible proper EM meshes over active craters and over Equator, where celestial electricity mostly hits Earth, causing electro-volcanic winters & magnetic pole reversal, as it happens in spheric conductors and compasses, when hitting electric current changes angle

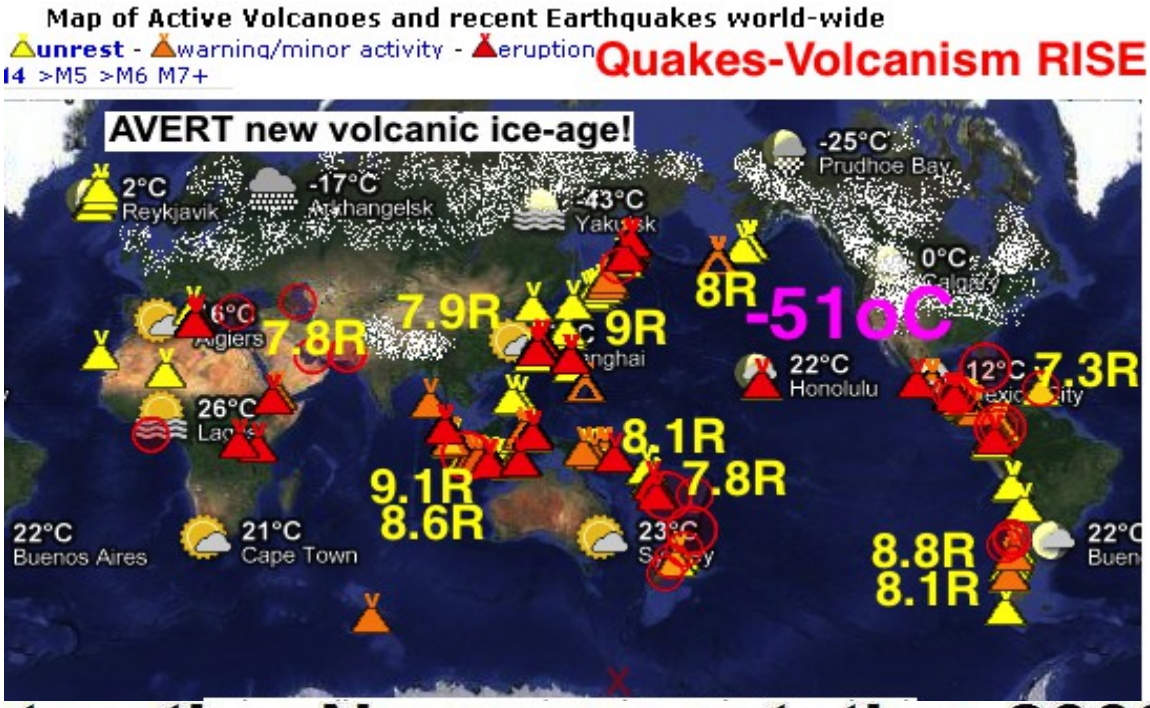
1984: a FEW volcanologists AVERTED nuclear radiogenocide, showing that even in bunkers NONE would escape the following nuclear/volcanic winter

The FASTEST way to STOP WorldWar3

is to show EVERYONE the Damocles sword to REPEL in TRUCE:
Either WE ALL AVERT the expected volcanic winters or we all COLLAPSE!
As happened by the same reason to pharaohs, Romans, Mayas, Aztecs, Incas etc etc...

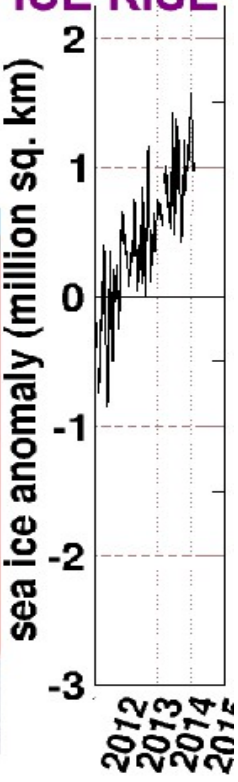
SHOW THEM the THREE Damocles swords (World war 3, volcanic winters, magnetic pole reversal), to REPEL ALL of them!
ΔΕΙΞΤΕ τους τις ΤΡΕΙΣ Δαμόκλειες σπάθες (3ο παγκόσμιο πόλεμο, ηφαιστειακούς χειμώνες, αντιστροφή μαγνητικών πόλων), για να τις ΑΠΟΚΡΟΥΣΟΥΜΕ ΟΛΕΣ!

As the equatorial ELECTRO-magnetic mesh will decrease the excessive solar-galactic electricity that stimulates magma, this will decrease disastrous quakes too. Until then:
Καθώς το ηλεκτρομαγνητικό ισημερινό πλέγμα θα ελαττώσει τον ηλιο-γαλαξιακό ηλεκτρισμό που διεγείρει το μάγμα, θα ελαττωθούν και οι καταστροφικοί σεισμοί. Ως τότε:



Antarctica Neumayer station 2009-11

FOUR Halley bases have been BURIED by SNOW accumulation and crushed until they were uninhabitable...
35.000.000 years Antarctica ice RISES under DOZEN of degrees BELOW zero



www.ecophotoexplorers.com/images/antarctica/DomeSkylabNewStation.jpg

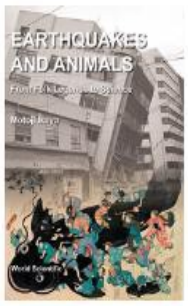
Συνοπτικός πίνακας 1: Πρόδρομα φαινόμενα αρκετές ώρες ή ημέρες πριν από τους σεισμούς	
Ουρανός και ατμόσφαιρα	φώτα στην ατμόσφαιρα, φωτοστέφανο στον ήλιο (άλως), σύννεφα ή ομίχλη, κίτρινος ουρανός, μικρά ουράνια τόξα, επίμηκες ή κόκκινο φεγγάρι
Ζώα	φεύγουν από την περιοχή τού επικέντρου, ασυνήθιστα ανήσυχα, μερικά βγαίνουν ξαφνικά από χειμερία νάρκη με πανικό. Στην Άκουιλα το 2009, οι βάτραχοι έφυγαν ΠΕΝΤΕ ΜΕΡΕΣ πριν από το σεισμό, και οι αλαζονικές υπηρεσίες ΑΔΙΑΦΟΡΗΣΑΝ...
Φυτά	ανθίζουν εκτός εποχής ή κλείνουν τα φύλλα τους ή μαραίνονται, ταλαντεύονται στην όρθια θέση, κλείνουν τα φύλλα τους
Ηλεκτρικές συσκευές	δυσλειτουργούν, ανοιγοκλείνουν μόνες τους ή κάνουν περίεργους θορύβους
Στεριά και θάλασσα	ηλεκτρομαγνητικά ρεύματα στη γη, υπόκωφοι θόρυβοι, ανύψωση στάθμης νερών
Πηγές/πηγάδια	θόλωμα νερών, αλλαγές σε στάθμη/θερμοκρασία /συγκέντρωση ραδονίου

Πίνακας 3: προσεισμική συμπεριφορά φυτών		
πρόωρη ανθοφορία		**συμπεριφορά**
πατάτες	δυο μήνες	ανθίζουν πρόωρα
βερίκοκα	6 εβδομάδες	ανθίζουν το χειμώνα
ρύζι	μερικές εβδομάδες νωρίτερα	μικρότερα φυτά, φύλλα με ραβδώσεις
ασυνήθιστες κινήσεις		
ορχιδέες	την προηγούμενη μέρα	κινούνται χωρίς άνεμο
μιμόζες	λίγο πριν ή την ώρα τού σεισμού	κλείνει τα φύλλα και γέρνει
φύλλα	λίγο πριν	κινούνται χωρίς άνεμο

Πίνακας 4: Δυσλειτουργία οικιακών ηλεκτρικών συσκευών πριν από σεισμούς	
συσκευή	**πρόβλημα**
πλοηγοί αυτοκινήτων	διακύμανση του δείκτη
ρολόγια χαλαζία (quartz)	σταματάνε ή ο μεγάλος δείκτης κινείται γρήγορα εμπρός-πίσω ή καθυστερημένα
λάμπες φθορισμού	εξασθένιση του φωτός, όπως κατά τη διάρκεια καταιγίδας
ενδοεπικοινωνίες	Βουΐζουν ή σταματάνε να λειτουργούν
κινητά τηλέφωνα	κουδουνίζουν χωρίς να έχουν δεχτεί κλήση, κάνουν περίεργους θορύβους ή σταματάνε
ραδιόφωνα (AM)	ανοιγοκλείνουν τυχαία, κάνουν δυνατούς και παλμικούς θορύβους
ψυγεία	περίεργοι θόρυβοι
τηλεοράσεις	ανοιγοκλείνουν τυχαία, τρεμοπαίζει η οθόνη με κηλίδες, γραμμές, παραμόρφωση εικόνας, άσπρες ζώνες, έγχρωμες εικόνες γίνονται ασπρόμαυρες, κανάλια αλλάζουν

Πίνακας 5: Πρόδρομα φαινόμενα στον ουρανό και την ατμόσφαιρα		
φαινόμενα	**προσεισμικά**	**σεισμικά**
σεισμικά φώτα (EQL)	μια μέρα ως λίγες ώρες πριν	λάμψεις και φωτεινά τόξα
σεισμική ομίχλη (EQF)	λίγες ώρες ή αμέσως πριν	ξαφνική πυκνή ομίχλη
σεισμικό νέφος (EQC)	οκτώ μέρες πριν	σύννεφο σαν 'δράκος'
κίτρινος ουρανός	την προηγούμενη μέρα	σκοτεινιάζει
μικρά ουράνια τόξα	μερικές μέρες πριν	
άλως στον ήλιο	μια μέρα ως λίγες ώρες πριν	
επίμηκες ή κόκκινο φεγγάρι	την προηγούμενη μέρα	
άστρα φαίνονται πιο κοντά	την προηγούμενη μέρα	

Πίνακας 2: ασυνήθιστη συμπεριφορά ζώων, που έχει αναφερθεί πριν από σεισμούς	
ΘΗΛΑΣΤΙΚΑ	νευρικά, ανήσυχα, πανικόβλητα, ενεργούν 'σαν τρελά'
άνθρωποι	Με πονοκέφαλο, ναυτία, τάση για εμετό, ζάλη, ίλιγγο, καρδιακές ενοχλήσεις, νευρικές διαταραχές, υστερία
σκύλοι	γαβγίζουν δυνατά, κλαιουρίζουν πολύ, ανήσυχοι, κάνουν σα να εντόπισαν κάποιον αόρατο εχθρό, πανικοβάλλονται και δαγκώνουν τους ιδιοκτήτες τους ή τους στρώχνουν έξω από το σπίτι, ουρλιάζουν ασταμάτητα
γάτες	ανήσυχες, νιαουρίζουν αξιοθρήνητα, παίρνουν τα γατάκια έξω, ανεβαίνουν σε ψηλά δέντρα, συσπούν τα αυτιά ή τα γυρίζουν προς τα πίσω, φεύγουν από το σπίτι για μέρες, εξαφανίζονται
ποντίκια	πανικόβλητα, κάνουν θόρυβο, τρέχουν κατά μήκος καλωδίων, εξαφανίζονται
άλογα	χτυπάνε τα πόδια, ξεφυσάνε, τρέμουν, πηδάνε, τρέχουν, πέφτουν στο έδαφος
αγελάδες	μουγκρίζουν, μαζεύονται όλες μαζί, τρέχουν πανικόβλητες
χοίροι	δαγκώνονται μεταξύ τους, σκάβουν κάπω από φράχτες, πάνε να σκαρφαλώσουν σε τοίχους
ελάφια	φεύγουν από τα δάση, δε φοβούνται και πηγαίνουν προς τους ανθρώπους, τρέχουν άσκοπα
κουνέλια	πηδούν και τρέχουν
θαλ. ελέφαντες	κολυμπούν ταραγμένοι σε ζικ-ζακ, κάνουν φασαρία έξω από το νερό, δεν τρώνε
δελφίνια	νευρικά, δεν υπακούουν, πηδούν έξω από το νερό
νυχτερίδες	πετάνε τη μέρα
ΠΟΥΛΙΑ	σταματάνε το κελάηδημα, ανήσυχα, κρώζουν παράξενα, μερικά πεθαίνουν
κοτόπουλα	φτεροκοπούν, κρώζουν τρομαγμένα, πετάνε προςτιςστέγες. Οι πετεινοί κρώζουν τη νύχτα
κότες	κάνουν λίγα ή καθόλου αυγά
πάπιες	δεν μπαίνουν σε νερό, κρώζουν, ενεργούν επιθετικά, δαγκώνουν ανθρώπους
στουρνάρια	φτεροκοπούν σε κοπάδια, σταματάνε το κελάηδημα
γλάροι	πετούν κρώζοντας μακριά από τη θάλασσα προς τη στεριά
παπαγάλοι	τσιρίζουν, φτεροκοπούν, πετάνε τη νύχτα, κάθονται σε συρμάτινους φράχτες, πεθαίνουν
ΕΡΠΕΤΑ	βγαίνουν από τη χειμέρια νάρκη
κροκόδειλοι	φωνάζουν, βγαίνουν από το νερό ή τα κλουβιά τους
φίδια	βγαίνουν από τη χειμέρια νάρκη, μαζεύονται σε σύδεντρα μπαμπού το καλοκαίρι
χελώνες	βγαίνουν από τη χειμέρια νάρκη, σκαρφαλώνουν η μια πάνω στην άλλη πανικόβλητες, τρέχουν
ΘΑΛΑΣΣΙΑ ΖΩΑ	αφήνουν τη θάλασσα και έρπουν στην ακτή, ενώ πολλά πεθαίνουν
καβούρια	μαζεύονται, κινούνται προς την ίδια κατεύθυνση, πηδούν έξω από το νερό, κινούνται βίαια, αναποδογυρίζουν, πεθαίνουν. Ψάρια μεγάλου βάθους εμφανίζονται στην επιφάνεια, δεν τρώνε ή κινούνται προς τα ποτάμια
χέλια	συνωστίζονται στην ακτή, εξαφανίζονται
ΖΩΥΦΙΑ	
μυρμήγκια	φεύγουν από τις φωλιές τους με τα αυγά τους, ομαδοποιούνται, μπαίνουν σε σπίτια
μέλισσες	εγκαταλείπουν σαν τρελές τις κυψέλες, βουΐζουν ταραγμένες και τσιμπούν επιθετικά
κατσαρίδες	συνωστίζονται δίπλα σε μεταλλικά αντικείμενα
λιβελούλες	μαζεύονται και πετούν στην ίδια κατεύθυνση
γεωσκώληκες	βγαίνουν από το υπέδαφος και ομαδοποιούνται
μύγες	μαζεύονται και κολλάνε σε ιδρωμένο δέρμα, πετούν κυκλικά
μεταξοσκώληκες	ησιώνουν ασυνήθιστα



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.jpn.cx/quakesandpets/index.html

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

Earth survived near-miss from 2012 solar storm: NASA

AFP July 24, 2014

Table 3: Reported unusual animal behavior before earthquakes

Mammals	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.
Birds	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.
Reptiles	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.
Fish	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.
Insects	
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.

Table 4: Plant anomalies before earthquakes

Blooming early		**Behavior**
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