



EMR Aware

Electromagnetic Radiation - Concerns and Informed Choices

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Newsletter November - December 2016

This free newsletter is published by EMR Aware, a citizens' group based in Northern NSW Australia. It contains information on the health, environmental, and social impacts of modern electro-technologies. This is offered in the public interest to encourage a fair and balanced discussion of the topics at hand. Particular attention is paid to material that may not be made widely available by industry and their

Government regulators.

We invite readers to consider the scientific evidence and trending opinion throughout this and prior newsletters. There seems little doubt a tobacco-style cover-up of the adverse effects of EMR is underway by those reliant upon its profitability or surveillance potential. You can help redress this situation by forwarding a link to this web page to as many interested persons, organisations, and social media sites as possible.

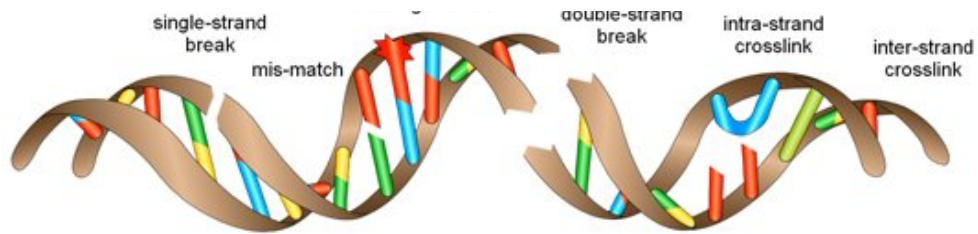
Over time, web content may disappear or move. If you encounter a broken link, try a search using the article's title, or access similar content via the hosting website's home page. Anyone wishing to be notified when new editions of our newsletter become available may do so by sending an [email](#) with the word "subscribe" in the subject line.

Mobile and Cordless Phones

NTP: Cell Phone RF Breaks DNA. Consistent with Higher Tumor Counts

20 Years After Landmark Lai-Singh Study.

<http://microwavenews.com/news-center/ntp-comet-assay>



Humanity's genetic future at risk. Types of DNA damage and breaks.

How Susceptible Are Genes to Mobile Phone Radiation. State of the Research â€œ
 Endorsements of Safety and Controversies â€œ
 Self-Help Recommendations. [https://
 www.icems.eu/docs/
 howsusceptiblearegenes.pdf](https://www.icems.eu/docs/howsusceptiblearegenes.pdf)

The Intracranial Distribution of Gliomas in Relation to Exposure From Mobile Phones: Analyses From the INTERPHONE Study. [https://
 www.ncbi.nlm.nih.gov/pubmed/27810856](https://www.ncbi.nlm.nih.gov/pubmed/27810856)

Study Highlights Dangers of Cell Phone/Smart Meter Radiation. [http://www.timesrecord.com/
 news/2016-09-21/Opinion/
 Study_Highlights_Dangers_of_Cell_PhoneSmart
 Meter.html](http://www.timesrecord.com/news/2016-09-21/Opinion/Study_Highlights_Dangers_of_Cell_PhoneSmart_Meter_.html)

Do Cell Phone and Wi-Fi Fields Harm Our Body? [http://www.theepochtimes.com/n3/2155494-
 do-cell-phones-and-wi-fi-fields-harm-our-body/](http://www.theepochtimes.com/n3/2155494-do-cell-phones-and-wi-fi-fields-harm-our-body/)

Karl Maret, MD, Expert Forum on Cell Phone and Wireless Risks, June 22, 2015. [https://
 vimeo.com/132039697](https://vimeo.com/132039697)

iPhone 6 Radiation Levels: Most Popular Post on Electromagnetic Radiation Safety. <http://www.saferemr.com/2016/08/iphone-6-radiation-levels-most-popular.html>

Apple Eliminates Headphone Jack from iPhone 7: Harmful to your Health? <http://edition.cnn.com/2016/09/08/health/apple-iphone-7-no-headphone-jack/>

Phone Makers Could Cut Off Drivers. So Why Don't They? http://www.nytimes.com/2016/09/25/technology/phone-makers-could-cut-off-drivers-so-why-dont-they.html?_r=2



Telstra, while heavily promoting wireless services, adopts an advertising slogan that evokes hard-wired reliability.

"Any one exposed to over 2,000 hours of cell phone use - about an hour a day for 10 years - can expect a 370% increase in the risk of developing brain cancer." - America's foremost

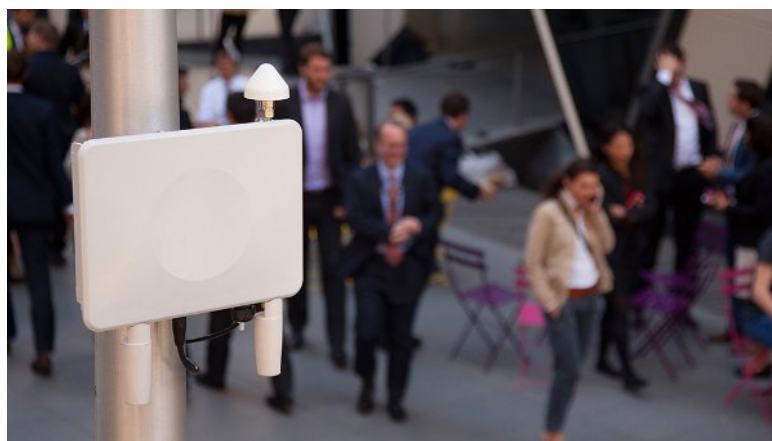
neurosurgeon Dr. Keith Black

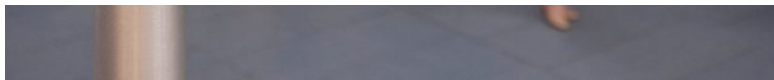
5G and Millimeter Waves

The forthcoming 5G phone network will operate within the millimeter wave band at radar-like frequencies ranging from 24GHz to 95GHz. FCC Commissioner Michael O'Rielly advises this "will require a ten-fold or greater siting of wireless towers and antennas. We may see a million new small cells and DAS antennas deployed in the next five years". Understanding Millimetre Wave Wireless Communication. http://www.loeacom.com/pdf%20files/L1104-WP_Understanding%20MMWCom.pdf

FCC May Force Powerful 5G Wi-Fi on Communities. <http://www.odwyerpr.com/story/public/7841/2016-11-03/fcc-may-force-powerful-5g-wi-fi-communities.html>

Sample protest submission to the FCC. <http://www.electronicssilentspring.com/wp-content/uploads/2016/08/Levitt-5G-comment.pdf>





DAS: Distributed Antenna System.

Inconspicuous small cell antennae will be deployed throughout public places, and even by force of law on private property.

Wireless Pollution "Out of Control" as Corporate Race for 5G Gears Up. http://www.theecologist.org/News/news_analysis/2988266/wireless_pollution_out_of_control_as_corporate_race_for_5g_gears_up.html

Narcotic effect. Electromagnetic Millimeter Wave Induced Hypoalgesia: Frequency Dependence and Involvement of Endogenous Opioids. <https://www.ncbi.nlm.nih.gov/pubmed/18064600>

Search for the Effect of Millimeter Waves on Synaptic Processes in the Central Nervous System. http://link.springer.com/chapter/10.1007%2F978-1-4615-4867-6_233

Current State and Implications of Research on Biological Effects of Millimeter Waves: A Review of the Literature. <https://www.ncbi.nlm.nih.gov/pubmed/9771583>

"Specific terahertz radiation exposure may significantly affect the natural dynamics of DNA, and thereby influence intricate molecular

processes involved in gene expression and DNA replication." DNA Breathing Dynamics in the Presence of a Terahertz Field. <https://arxiv.org/pdf/0910.5294v1.pdf>

All-pervasive 5G Infrastructure



How to establish the far higher signal density required for 5G? Turn everything into a phone tower.

Not All "Small Cells" Created Equal, Say Municipalities in Wireless Siting Rules Suit.

<http://www.bna.com/not-small-cells-n17179925917/>

California Small Cell Ruling, iPhone 7 Arrival â€¦
5 Things to Know Today. [http://](http://www.rcrwireless.com/20160916/network-infrastructure/california-small-cell-ruling-iphone-7-arrival-5-things-to-know-today-tag4)

www.rcrwireless.com/20160916/network-infrastructure/california-small-cell-ruling-iphone-7-arrival-5-things-to-know-today-tag4

Is 5G Technology Dangerous? Early Data Shows

a Slight Increase of Tumors in Male Rats Exposed to Cellphone Radiation. <http://www.latimes.com/business/la-fi-cellphone-5g-health-20160808-snap-story.html>

Oppose Development of Spectrum Frontiers 5G on Health Grounds. <http://www.electronicssilentspring.com/wp-content/uploads/2016/07/Ron-Powell-Comments-on-5Gpdf.pdf>

Microwave Towers

**Phone, National Broadband,
Emergency Networks, Radio, TV**



A questionable place for phone antennae. For privacy reasons, we deleted the name of this Cancer Institute from its sign.

Biological Effects from Exposure to
Electromagnetic Radiation Emitted by Cell Tower
Base Stations and Other Antenna Arrays.

[http://www.nrcresearchpress.com/doi/pdfplus/
10.1139/A10-018?src=recsys&](http://www.nrcresearchpress.com/doi/pdfplus/10.1139/A10-018?src=recsys&)

Landmark Cell Tower Study. [http://it-takes-
time.com/2015/10/landmark-cell-tower-
study.html](http://it-takes-time.com/2015/10/landmark-cell-tower-study.html)

Cell Tower Health Effects. [http://
www.saferemr.com/2015/04/cell-tower-health-
effects.html](http://www.saferemr.com/2015/04/cell-tower-health-effects.html)

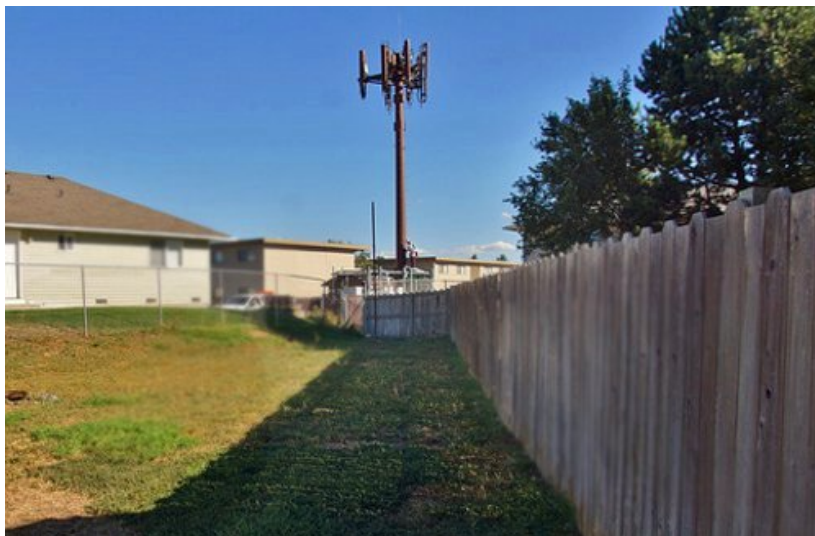
Australian readers may be familiar with recent media coverage of the Tromp family who were reportedly pursued by authorities for fleeing their farm (photo below) in a state of panic. Note the phone tower to the right of their home. [http://www.news.com.au/national/is-
the-tromp-family-suffering-from-a-rare-shared-
psychotic-disorder-known-as-folie--deux/news-
story/7b349973f3af4588002f9b21bce007d6](http://www.news.com.au/national/is-the-tromp-family-suffering-from-a-rare-shared-psychotic-disorder-known-as-folie--deux/news-story/7b349973f3af4588002f9b21bce007d6)



"Inhabitants living nearby mobile phone base stations are at risk of developing neuropsychiatric problems ..." Neurobehavioral Effects Among Inhabitants Around Mobile Phone Base Stations. <https://www.ncbi.nlm.nih.gov/pubmed/16962663>

"Fatigue, irritability, lack of appetite, sleep troubles, depression and lack of concentration were especially related with GSM exposure." Subjective Symptoms Related to GSM Radiation from Mobile Phone Base Stations: A Cross-sectional Study. <http://bmjopen.bmj.com/content/3/12/e003836.full>

Towers and Property Values



Unsold residential block next to a tower.

Phone Masts Blight House Sales. <https://www.theguardian.com/money/2003/may/25/houseprices.uknews>

Cell Towers Often Unwelcome Neighbours.

https://www.thestar.com/news/insight/2013/06/17/cellphone_towers_often_unwelcome_neighbours.html/

National Association of Realtors. Field Guide to Cell Phone Towers. <http://www.realtor.org/field-guides/field-guide-to-cell-phone-towers>

Survey by the National Institute for Science, Law & Public Policy Indicates Cell Towers and Antennas Negatively Impact Interest in Real Estate Properties. <http://www.businesswire.com/news/home/20140703005726/en/Survey-National-Institute-Science-Law-Public-Policy#.VNRBPp3F-So>

Do telcos disclose this to landowners before they agree to a tower? Decreased Real Estate Value. <https://sites.google.com/site/nocelltowerinourneighborhood/home/decreased-real-estate-value>

A Pushback Against Cell Towers. http://www.nytimes.com/2010/08/29/realestate/29Lizo.html?_r=2&ref=realestate

National Broadband Network (NBN)

Australia's NBN fixed wireless architecture is essentially WiMAX, now rejected as obsolete by most of the world. But our NBN has no planned upgrade path for it. Instead, they are reportedly applying high pressure sales tactics to boost low

consumer uptake before arrival of the competitive and faster 5G network.

What Has Gone Wrong with the NBN? <http://www.abc.net.au/news/2016-03-01/manning-what-went-wrong-with-the-nbn/7210408>

Vocus CEO Geoff Horth Says NBN Co Business Model Will Not Work. <http://www.afr.com/brand/chanticleer/vocus-ceo-geoff-horth-says-nbn-co-business-model-will-not-work-20160922-grlx96>

If Innovation Really Counts. <http://www.stevebaxter.com.au/innovation-really-counts/>

Who You Should Blame for the NBN (Hint: Not Just Turnbull). https://www.crikey.com.au/2016/01/13/who-you-should-blame-for-the-nbn-hint-not-just-turnbull/?wpmp_switcher=mobile?wpmp_switcher=mobile

Resources, critical user experience and commentary on the NBN roll-out. Better Internet for Rural, Regional and Remote Australia. <https://birrraus.com/nbn-items/>

Revealed: China's Communist Party's Link to NBN. <http://www.smh.com.au/national/revealed-chinas-communist-party-link-to-nbn-20161105-gsipc1.html>

Have you noticed deterioration of digital TV reception after activation of your local NBN 4G network? Here is an informed letter of complaint by one affected resident in Northern NSW. http://www.emraware.com/documents/nbn_interference_letter.pdf

Wi-Fi, Bluetooth

Home, Business, Hotspots

Wi-Fi Dangers - BBC Panorama. <https://www.youtube.com/watch?v=ewdikNQhjUo>

Two videos from Today Tonight Adelaide. Australian Media Reports on Wi-Fi Risks. <https://smartgridawareness.org/2014/07/07/australian-media-reports-on-wi-fi-risks/>

Harvard Lawrence Lessig and Dr. Franz Adlkofer on Wireless Health Risk. <https://www.youtube.com/watch?v=yiwhO6zEkn4>

For the discerning patient. List of UK Hospitals Providing Free Patient and Visitor Wi-Fi. <https://community.jisc.ac.uk/groups/nhs-he-forum-connectivity-project/article/list-uk-hospitals-providing-free-patient-and>

Health Minister Caught Misleading Canadians about Safety of their Wireless Devices. <http://www.newswire.ca/news-releases/health-minister-caught-misleading-canadians-about->

[safety-of-their-wireless-devices-596620961.html](#)

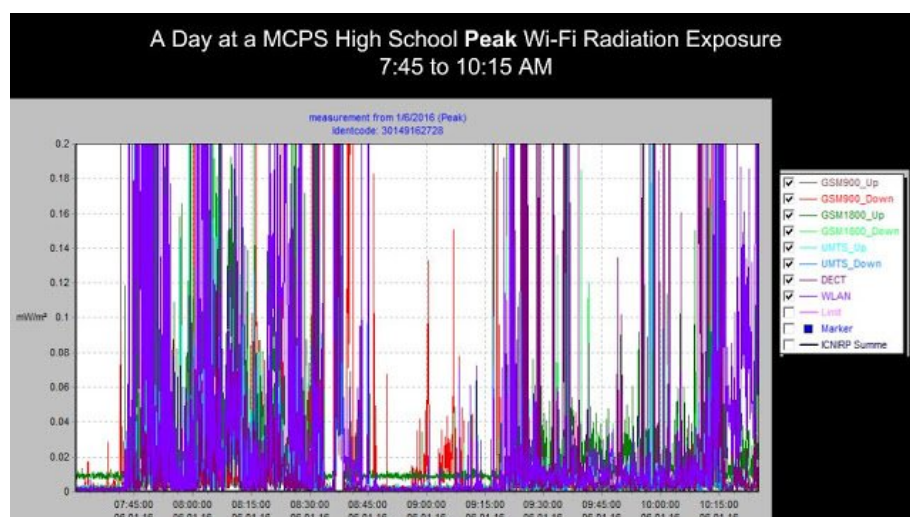
The Future of Wi-Fi Revealed. <http://electronicdesign.com/wifi/future-wi-fi-revealed>

Are There Limits to Growth in Data Traffic?: On Time Use, Data Generation and Speed. http://eprints.lancs.ac.uk/79728/1/time_and_data_LIMITS2016_revised.pdf

Children and Schools

The Horror Stories Are Real. Don't Give Your Children a Smartphone. <https://www.lifesitenews.com/blogs/the-madness-of-giving-your-child-a-smartphone>

Forthcoming Book: Mobile Communications and Children's Health. <http://www.emfacts.com/2016/10/forthcoming-book-mobile-communications-and-childrens-health/>



Education with radiation, compliments of compulsory Wi-Fi.

Doctors for Safer Schools. <http://doctorsforsaferschools.org/>

The Pen Is Mightier Than the Keyboard: Advantages of Longhand Over Laptop Note Taking. <http://pss.sagepub.com/content/25/6/1159.full.pdf+html>

Brochure from Victoria State on child internet addictions. Problematic Internet Usage. <http://www.education.vic.gov.au/Documents/about/programs/bullystoppers/smproblematic.pdf>

American Academy of Pediatrics Issues New Recommendations to "Reduce Exposure to Cell Phones". <http://www.releasewire.com/press-releases/american-academy-of-pediatrics-issues-new-recommendations-to-reduce-exposure-to-cell-phones-726805.htm>

Reset Your Child's Brain: A Four-Week Plan to End Meltdowns, Raise Grades, and Boost Social Skills by Reversing the Effects of Electronic Screen-Time. <http://drdunckley.com/reset-your-childs-brain/>

"I believe that 30% of all childhood cancers are associated with EMF exposure." - Dr. David Carpenter, Dean at the School of Public Health, State University of New York

Smart Grid

Electricity, Water and Gas Meters, AMI, HAN

Unlike in the State of Victoria, where smart meters were forced upon customers, in NSW there is an official opt-out path for account holders who can see through the slick pro-meter sales pitch. <https://www.originenergy.com.au/advanced-meter-optout.html#/start>

Radiofrequency (RF) Radiation Power Density Levels for Smart Meters, Various Biological Effects, and Exposure Guidelines. <https://smartmeternewsupdates.wordpress.com/2015/01/15/radiofrequency-rf-radiation-power-density-levels-for-smart-meters-various-biological-effects-and-exposure-guidelines/>

Live Blood Analysis - Observable Effects of RF/MW Radiation via Smart Meters. <https://www.youtube.com/watch?v=y4JDEspdx58>

Smart Meter Risks in 2016: Global Rollout Continues. <http://anhinternational.org/2016/01/06/smart-meter-risk-in-2016/>

EMF Safty Network - Smart Meters. <http://emfsafetynetwork.org/smart-meters/>

Stop the Â£11 Billion "Smart Meter" Ripoff!
<http://www.theecologist.org/>

blogs_and_comments/commentators/2983240/stop_the_11_billion_smart_meter_ripoff.html

Smart Meters Are Poor Value, Find 10 EU Countries. <http://www.climatechangenews.com/2014/06/19/eu-efficiency-set-back-as-countries-delay-smart-meter-rollout/>

Recent comments to the Michigan Public Service Commission by an Electrical Engineer. <https://michiganstopsmartmeters.com/2016/10/12/>

"Smart" Utility Meters. Are They Smart for You? <http://stopsmartmeters.org/wp-content/uploads/2013/10/Are-They-Smart-for-You-v3.pdf>

Do You Have a Smart Meter? <https://www.emfanalysis.com/do-you-have-a-smart-meter/>

Internet of Things (IoT)



One way street. Visions of heaven within a techno-bubble.

Forget Smart Cities, What About Smart Citizens? <http://www.lexology.com/library/detail.aspx?g=f642a193-364f-4196-b087-8e1ea66a59a3>.

Smart Cities - Power to the Citizens? <http://www.lexology.com/library/detail.aspx?g=4189e304-5c09-4a31-96eb-33ca32ff8b3b>

Globalist control agenda. Why industry wants every-single-thing wirelessly connected. The Hype Surrounding 5G. <https://vimeo.com/184138242>

Marketers predict that by 2020, we'll have 21 billion IoT devices. Tracking the Internet of Things for the Australasian IT Community. <https://www.iotaustralia.org.au/2016/09/08/iotnewanz/iot-players-form-alliance-promote-hypercat-iot-standard/>

The Cloud Begins with Coal. An Overview of the Electricity Used by the Digital Ecosystem. http://www.electronicssilentspring.com/wp-content/uploads/2016/02/Cloud_Begins_With_Coal.pdf

A New Era of Internet Attacks Powered by Everyday Devices. http://www.nytimes.com/2016/10/23/us/politics/a-new-era-of-internet-attacks-powered-by-everyday-devices.html?_r=0

Malware targets the IoT. Powerful New

Cyberweapon Can Take Down Portions of Internet. <http://www.theepochtimes.com/n3/2166819-powerful-new-cyberweapon-can-take-down-portions-of-internet/>

Wearable Technology

Biometrics, Implants



DARPA and the Brain Initiative. <http://www.darpa.mil/program/our-research/darpa-and-the-brain-initiative>

Pentagon to Merge Next-gen Binoculars with Soldiers' Brains. <https://www.wired.com/2007/05/binoculars/>

Fitness bands shown to lack health benefits. Effects of Wearable Technology Combined With a Lifestyle Intervention on Long-term Weight Loss. <http://jama.jamanetwork.com/article.aspx?articleid=2553448>

The new "reality"? Wear your mobile phone on

your face. Patec Virtual Reality 3D Glasses with Suction Cups. <http://www.androidcoliseum.com/2016/06/patec-virtual-reality-3d-glasses-with.html>

Mains Radiation, ELF

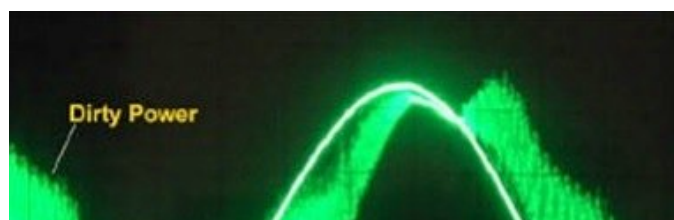
Powerlines, Wiring, Appliances

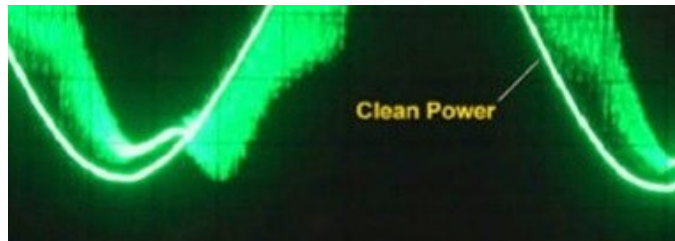
On the vulnerability of human brainwaves to low frequency EMR. ELF Waves and EEG Entrainment: A Psychotronic Warfare Possibility. <http://www.bobbeck.com/pdfs/beck-article-elf-waves-and-eeg-entrainment.pdf>

Psychotronics is entering the mainstream. Phone app plus inductive headset. ELF Emmit. <https://www.indiegogo.com/projects/elf-emmit-a-wearable-for-the-optimized-self-sleep#/>

The effects of sub-audible "infrasound". Miskelly, Paul. Writes about Steve Cooper's "Wind Farm Noise - An Ethical Dilemma." <http://waubrafoundation.org.au/resources/miskelly-paul-writes-about-steve-coopers-wind-farm-noise-an-ethical-dilemma/>

Smart Meters and "Dirty Power "





Distortion of a smoothly alternating, 50/60Hz mains current by switching spikes from a connected smart meter.

Home occupants exposed to chaotic EMR. New Critical Problem with "Smart" Meters: The Switching-Mode Power Supply (SMPS). <http://eon3emfblog.net/?p=2180>

Nerve Disrupting Frequencies Radiating from Smart Meters. <https://www.youtube.com/watch?v=4NTSejgsjTc>

Blocking Central Pathways in the Primate Motor System Using High-frequency Sinusoidal Current. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4346720/>

Harmonic Frequencies of "Dirty Electricity". http://www.createhealthyhomes.com/dirty_electricity.php

Technical overview of the problem.

Electromagnetic Interference (EMI) in Power Supplies. <https://www.fairchildsemi.com/technical-articles/Electromagnetic-Interference-EMI-in-Power-Supplies.pdf>

Transport, Aerospace

Motor Vehicles, Aircraft, Satellites

EDA Project Launched to Assess Biological Effects of Military RF Signals. <https://www.eda.europa.eu/info-hub/press-centre/latest-news/2016/09/06/eda-project-launched-to-assess-biological-effects-of-military-rf-signals>

1967 Solar Storm Jammed USAF Radars, Nearly Taking U.S. to Brink of War. <http://www.homelandsecuritynewswire.com/dr20160810-1967-solar-storm-jammed-usaf-radars-nearly-taking-u-s-to-brink-of-war>



Google self-driving car, reportedly ticketed by police for driving too slow.

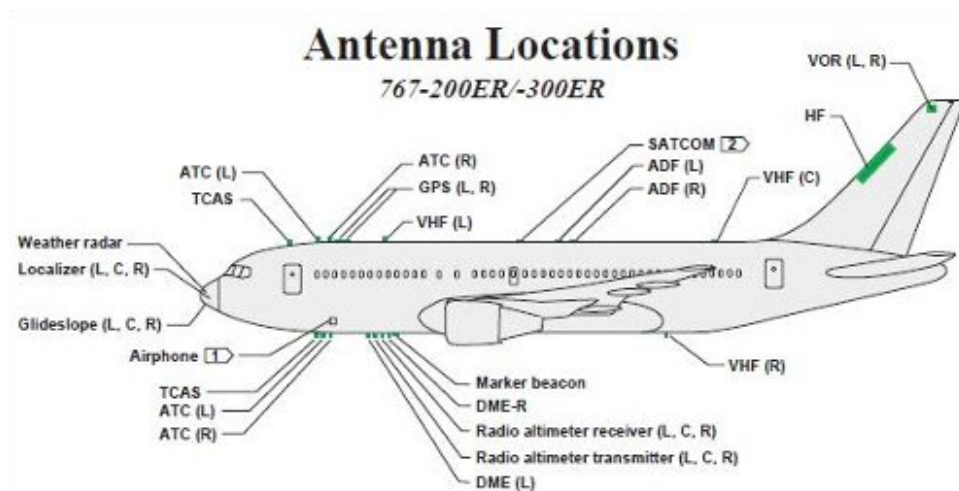
Google's Car Will Automatically Pull You Over for the Police. <http://readwrite.com/2016/09/11/google-self-driving-police-tl4/>

First Self-driving Auto Fatality Falls on Tesla.

<http://readwrite.com/2016/06/30/first-self-driving-auto-fatality-falls-tesla-tl1/>.

Tesla's AutoPilot Mixed Signals Forced Mobileye to Bolt. <http://readwrite.com/2016/09/16/tesla-autopilot-mobileye-tl4/>

Have You Ever Wondered How Wi-Fi Works on Planes? <http://www.theepochtimes.com/n3/1018231-have-you-ever-wondered-how-wifi-works-on-planes-video/>



In addition to passengers' Wi-Fi access points, aeroplanes are fitted with numerous other types of antennae.

Environment, Wildlife

Review: Weak Radiofrequency Radiation Exposure from Mobile Phone Radiation on Plants. <https://ecfsapi.fcc.gov/file/DOC-55dde23da8400000-E.pdf>

Wi-Fi Radiation Stops Plants from Growing.
<http://diet-sage.com/health-news/wi-fi-radiation-stops-plants-from-growing>

Mobile Phone Effects on Common Frog (*Rana temporaria*) Tadpoles: The City Turned into a Laboratory. http://www.ct.gov/csc/lib/csc/pendingproceeds/docket_409/inlandwetland/409-iw_exh69-79.pdf#page=2

Regional comparison of environmental EMR. Assessment of Personal Exposure From Radiofrequency-electromagnetic Fields in Australia and Belgium Using On-body Calibrated Exposimeters. <http://www.ncbi.nlm.nih.gov/pubmed/27588949>

Security

Body Scanners, Surveillance, Non-lethal Weapons

Your Kitchen Appliances Are Watching You, Security Expert Warns. <http://www.bloomberg.com/news/articles/2016-09-01/your-kitchen-appliances-are-watching-you-security-expert-warns>

Enabling global protocol for the Internet of Things. Hypercat Launches in Australia as First International Alliance with UK. <http://www.iot.org.au/news/2016/9/7/hypercat->

australia-launched

All the Ways Your Wi-Fi Router Can Spy on You.
<http://www.theatlantic.com/technology/archive/2016/08/wi-fi-surveillance/497132/>

Microwave Weaponry's Use on People Explained
by Dr. Barry Trower. <https://www.youtube.com/watch?v=aMMEQNnSZIo>

Internet "Kill Switch"



A map of the USA purported to show coordinated internet outages in major population centres coinciding with a Wikileaks press release.

The US Government Has an Internet Killswitch - And It's None Of Your Business. <http://www.mintpressnews.com/the-us-government-has-an-internet-killswitch-and-its-none-of-your-business/212749/>

An emerging trend. Congo Government Allegedly Shuts Off Internet Service to Squash

Protests. <http://motherboard.vice.com/read/congo-government-allegedly-shuts-off-internet-service-to-squash-protests>

Electro-sensitivity (EHS)

Could Wi-Fi Be Harming YOUR Health?

That's What a Growing Number of People Believe is Triggering Their Headaches, Nausea and Crippling Pain. <http://www.dailymail.co.uk/femail/article-2846494/Could-Wifi-harming-health-Thats-growing-number-people-believe-triggering-headaches-nausea-crippling-pain.html>

Prof. Olle Johansson speaking on EHS at the 2016 Environmental Sensitivities Symposium. <https://www.youtube.com/watch?v=n4YMkIw-BGk>

CEO Brian Stein - Full Electromagnetic Sensitivity Lecture. <https://vimeo.com/24505286>

Dr. Riina Bray, Medical Director, Environmental Health Clinic, Women's College Hospital, Toronto. <https://openparliament.ca/committees/health/41-2/58/dr-riina-bray-1/only/>

Design of an Ecological Momentary Assessment Study of Exposure to Radiofrequency

Electromagnetic Fields and Non-specific Physical Symptoms. <http://bmjopen.bmj.com/content/3/8/e002933.full.pdf+html>

What protection for persons with disabilities?
Environmental Refugees: Electromagnetic Hypersensitivity (EHS) Sufferers. <http://www.wakingtimes.com/2016/02/04/environmental-refugees-electromagnetic-hypersensitivity-ehs-sufferers/>



IUCAF's Map of Radio Quiet Zones. https://www.google.com/maps/d/viewer?msa=0&mid=1HX_7mIUcmDybmsONe9hJGisM0hc

Wi-Fi Refugees in NYC. https://www.youtube.com/watch?v=DTp84aa4_I4

I am an EMR Refugee. <http://magazine.nd.edu/news/67946-i-am-an-emf-refugee/>

Mainstream coverage of EHS is on the rise.
Wireless Radiation TV News. <http://www.saferemr.com/2015/07/wireless-radiation-tv-news.html>

Being Electrosensitive (In a Microwaved World).
Comments from Prof. Olle Johansson. <https://beingelectrosensitive.blogspot.com.au/2016/09/comments-from-professor-olle-johansson.html>

Nutrients in the Treatment of Electromagnetic Sensitivity, an Emerging Disease. http://francisholisticmedicalcenter.com/images/Electromagnetic_Sensitivity.pdf

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Biological Mechanisms





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Wireless Radiation/Electromagnetic Fields Increases Toxic Body Burden. <http://ehtrust.org/key-issues/the-environment-and-health/wireless-radiationelectromagnetic-fields-increases-toxic-body-burden/>

Oxidative Mechanisms of Biological Activity of Low-intensity Radiofrequency Radiation. <https://ecfsapi.fcc.gov/file/DOC-55dde23da8400000-C.pdf>

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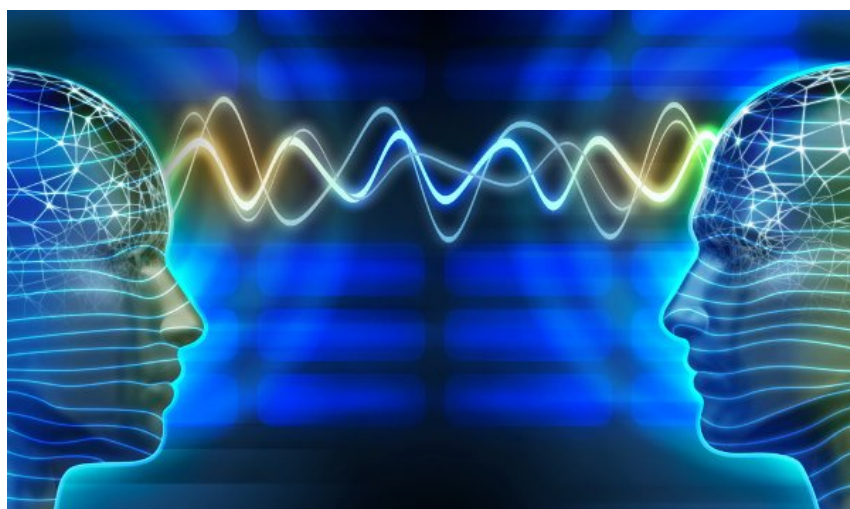
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Neurological Effects

Changes of Clinically Important Neurotransmitters Under the Influence of Modulated RF Fields - A Long-term Study under Real-life Conditions. <http://www.avaate.org/IMG/pdf/Rimbach-Study-20112.pdf>

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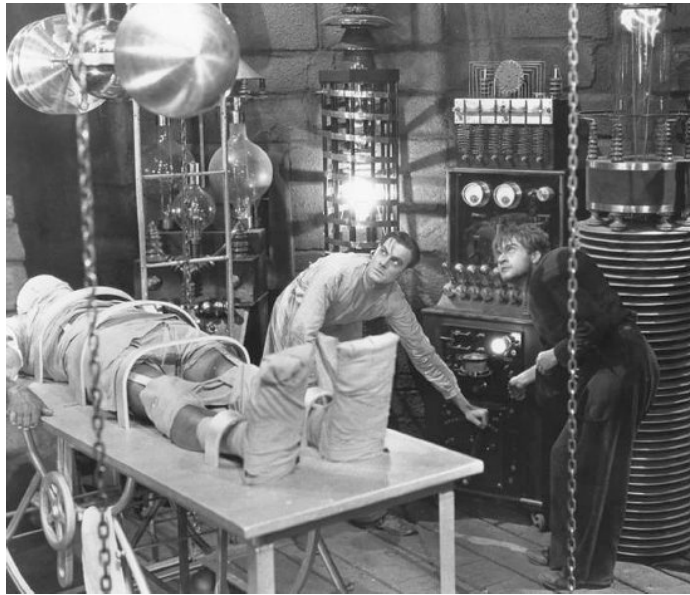
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Technology Addiction. Digital Distraction Test.

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Safety Standards

Regulations, Bans and Warnings



Electrifying times for unwitting test subjects..

History shows experimentation upon the public is "business as usual". Officials Cite More U.S. Tests with Radiation. <http://www.wanttoknow.info/childrenradiationtestsnytimes.pdf>

Heads in the Sand, Pies in the Sky. Health Canada Denies the Proven Dangers of Microwave Radiation. <http://olgasheean.com/wp-content/uploads/2016/11/Heads-in-the-sand-pies-in-the-sky-1.pdf>

Berkeley Cell Phone "Right to Know" Ordinance.

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Guidelines of the Austrian Medical Association for the Diagnosis and Treatment of EMF Related Health Problems and Illnesses (EMF Syndrome).

<https://www.emfanalysis.com/wp-content/uploads/2014/09/Austrian-Medical-Association-EMF-Guidelines.pdf>

Open Letter to the European Economic and Social Committee (EESC) to Repair the Damages Caused by the Conflicts of interest and Procedural irregularities in Its Midst Arising from the Adoption of the "Counter-opinion" on Electromagnetic Hypersensitivity (EHS) on 22 January 2015. http://www.peccem.org/DocumentacionDescarga/Campanas/EHS-CESE/Letter_to_EESC.2016-en-Final.pdf

Industry Watch

Product Defense, Liability and Legal Action



Multi-tasking consumer addiction. Mobile phone with built-in cigarette lighter and bottle opener.

Is the Tech Industry the New Big Tobacco?

<http://drdunckley.com/2016/10/01/tech-industry-new-big-tobacco/>

Complaint about tobacco scientist Peter Valberg being appointed to deal with smart meter health complaints. Legislative Brief: Call for Investigation of MA DPU Smart Meter Mandate.

http://web1.env.state.ma.us/DPU/FileRoomAPI/api/Attachments/Get/?path=16-28%2FAttachment_3_DPU_Health_compla.pdf

Testimony on the known adverse effects of EMR, presented as Court evidence in a smart meter health injury claim against the Pennsylvania utility giant PEPCO. Expert Report of Andrew A Marino. <http://andrewamarino.com/PDFs/testimony->

[AAM_Report.pdf](#)

Cellphone Radiation Warning Sparks First Amendment Battle. <http://www.newsweek.com/2016/11/11/cellphone-warnings-first-amendment-berkeley-516357.html>

Why is industry so afraid of the word "caution"? At C.D.C., a Debate Behind Recommendations on Cellphone Risk. http://www.nytimes.com/2016/01/02/technology/at-cdc-a-debate-behind-recommendations-on-cellphone-risk.html?_r=1

Retaliation for Australian TV program on mobile phone health risks. "Hidden Hands" and the Axing of the Entire Catalyst Crew. <http://www.emfacts.com/2016/11/hidden-hands-and-the-axing-of-the-entire-catalyst-crew/>

Finnish Professor Talks Nonsense on Biological Effects of Cell Phone Radiation. <https://betweenrockandhardplace.wordpress.com/2016/11/03/finnish-professor-of-physics-talks-nonsense-on-biological-effects-of-cell-phone-radiation/>

Anti-Cell Tower Lawyers. <http://www.anticelltowerlawyers.com/>

EMR Countermeasures

Personal Precautions and Monitoring

Zone In Programs. Manage Technology with Healthy Living. <http://www.zonein.ca/>

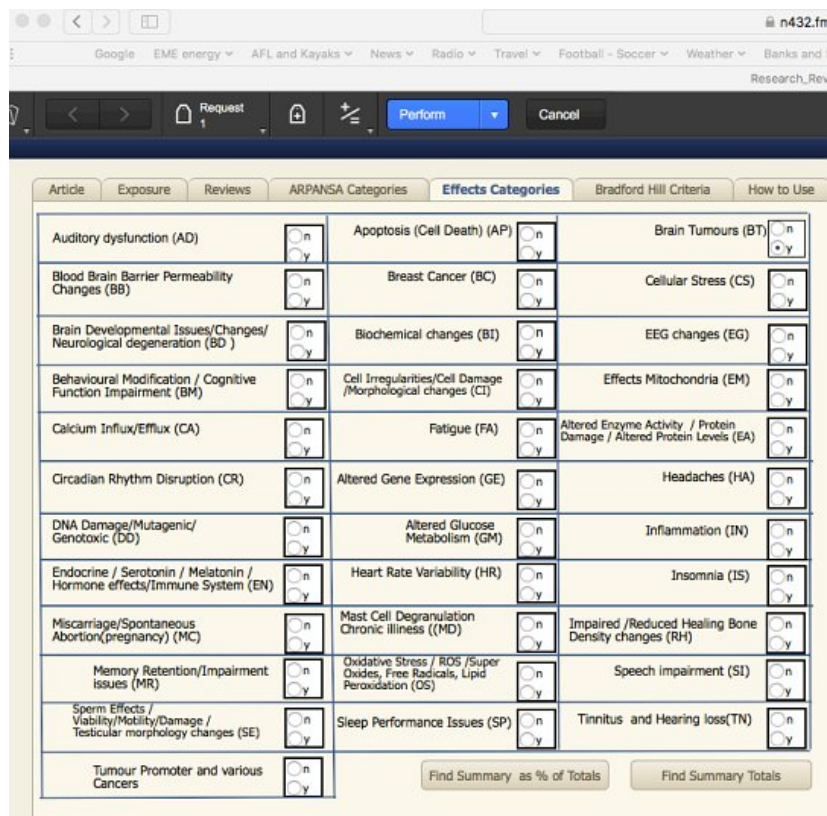
Smart Skin Enables Magnetoreception. <http://www.the-scientist.com/?articles.view/articleNo/46786/title/Smart-Skin-Enables-Magnetoreception/>



How many lives could this type of app have saved if not initially shunned by industry? Stay Focussed While Driving with AT&T Drive Mode. <http://www.att.com/gen/press-room?pid=23185>

General Events & Networking

NEW! EMR Bio-effects Database



This searchable database of nearly 2,000 peer-reviewed scientific articles is a valuable new resource created by the Australian-based Oceania Radiofrequency Scientific and Advisory Association (ORSAA). <http://www.orsaa.org/orsaa-database.html>, https://n432.fmphost.com/fmi/webd#Research_Review_V4

An overview of mainstream research from the same source. What Does Research Tell Us About the Risks of Electromagnetic Radiation? http://www.orsaa.org/uploads/6/7/7/9/67791943/paper_vl__sw_arps_ver_11.pdf

Need more scientific evidence? The EMF-Portal contains an inventory of 23,675 publications and 5,823 summaries of individual studies on the effects of electromagnetic fields. <https://>

www.emf-portal.org/en

A list of citizens' organisations working to oppose smart meters. Find a Local Group.

<http://stopsmartmeters.org/frequently-asked-questions/contacts-database/?>

[link_id=33&can_id=664231854226259c87104e823a0dc1cb&source=email-august-2016-stop-smart-meters-](http://stopsmartmeters.org/frequently-asked-questions/contacts-database/?link_id=33&can_id=664231854226259c87104e823a0dc1cb&source=email-august-2016-stop-smart-meters-bulletin&email_referrer=august-2016-stop-smart-meters-bulletin&email_subject=august-2016-stop-smart-meters-bulletin)

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[bulletin&email_subject=august-2016-stop-smart-meters-bulletin](http://stopsmartmeters.org/frequently-asked-questions/contacts-database/?link_id=33&can_id=664231854226259c87104e823a0dc1cb&source=email-august-2016-stop-smart-meters-bulletin&email_referrer=august-2016-stop-smart-meters-bulletin&email_subject=august-2016-stop-smart-meters-bulletin)

Here is an opportunity to support, via the internet funding platform Kickstarter, a new film documentary on the health risks of wireless technologies. Generation Zapped. https://www.kickstarter.com/projects/802512847/generation-zapped?ref=project_link

20-23 November 2016 - Leszczynski

Lecturing in Melbourne, Australia. <https://betweenrockandhardplace.wordpress.com/2016/11/14/leszczynski-lecturing-in-melbourne-australia/>

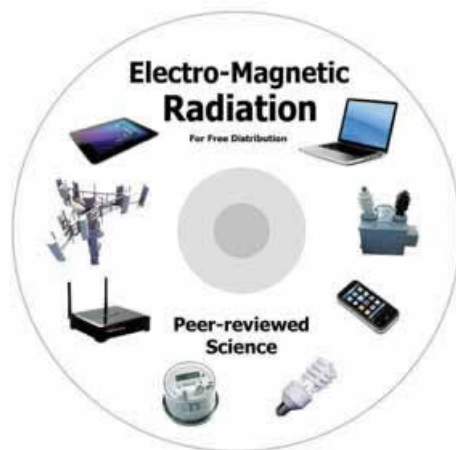
22 November 2016 - Annual "Science and Wireless" event at the Royal Melbourne Institute of Technology. Organised by the Australian Centre for Electromagnetic Bioeffects Research. Free public admission by prior registration. <http://www.rmit.edu.au/events/all-events/>

[conferences/2016/november/science-and-wireless-2016](#)

EMR Sanctuary Meeting

Meet with others in the Northern Rivers region of NSW who are seeking to acquire and live on EMR-free land. Meeting scheduled for 2pm Saturday, 3 December 2016 at Pioneer Hall, 32 Gordon Street, Mullumbimby. Phone 20 66 845384 for further information.

Free DVD - Read the Science



This DVD was produced in response to readers who requested a resource dedicated entirely to peer-reviewed science on the adverse effects of EMR. It contains over 1200 categorised articles and abstracts in PDF, which should be enough to challenge even the most hardcore skeptics. It is available free of charge, posted to any address within Australia. [Click here](#) for further information. Alternatively, much of the same information can be accessed via the links

provided [here](#).

Notice:

If you are an employee or agent of a public or private corporation that deals with electrotechnology and/or policy related to same, please be advised that the EMR Aware Newsletter and linked documents are deemed to constitute duly served Legal Notice upon you personally of health and safety matters pertaining to human exposure to electromagnetic radiation (EMR), and additionally that you are hereby requested to peruse said Newsletter and linked documents, and exercise in accord with the content of same the utmost due diligence and duty of care.



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