



EMR *Aware*

Electromagnetic Radiation - Concerns and Informed Choices

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Newsletter August - September 2015

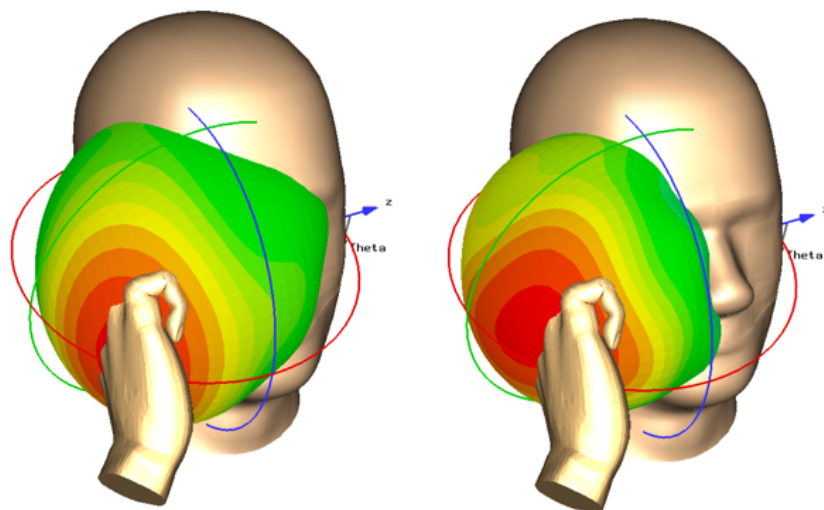
In our June issue, it was announced this publication would change from monthly to quarterly. However, some readers expressed a desire to remain current with emerging events and trends. Accordingly, we have decided to adopt a periodic schedule and send out a newsletter whenever sufficient content has been compiled. As always, the purpose is to promote in the public interest a fair and balanced

discussion of the topics at hand.

Public education is the key to adoption of safer technologies and exposure standards. You can help spread the message by forwarding the link to this newsletter to as many friends, associates and social media sites as you feel appropriate.

Adverse effects due to routine EMR exposure can take years or even decades to manifest. Part of the overall function of our newsletter is to serve notice upon Government and industry personnel active in this field regarding their duty of care to act upon scientific evidence. Everyone is invited to send by email new material for inclusion in the next edition.

Mobile and Cordless Phones



Computer simulation of radiated fields from 900 and 1800MHz GSM mobile phones.

Simulation of Mobile Phone Antenna Performance. <https://www.cst.com/Applications/ArticlePDF?id=382>

Mobile Phone Simulations with Human Head and Hand Models. <https://www.cst.com/Applications/ArticlePDF?id=346>

Melbourne Doctor Fears Link Between Mobile Phone Use and Brain Cancer. <https://au.news.yahoo.com/vic/a/27814463/melbourne-doctor-fears-link-between-mobile-phone-use-and-brain-cancer/>

"An increased risk was found for Glioma and use of mobile or cordless phone. The risk increased with latency time and cumulative use in hours and was highest in subjects with first use before the age of 20." Pooled Analysis of Case-control Studies on Malignant Brain Tumours and the Use of Mobile and Cordless Phones Including Living and Deceased Subjects. <http://www.ncbi.nlm.nih.gov/pubmed/21331446>

"We found that the mutant type of p53 gene expression in the peripheral zone of the glioblastoma was increased in 65% of patients using cell phones more than 3 hours a day." Connection Between Cell Phone Use, p53 Gene Expression in Different Zones of Glioblastoma Multiforme and Survival Prognoses. <http://www.pagepress.org/journals/index.php/rt/>

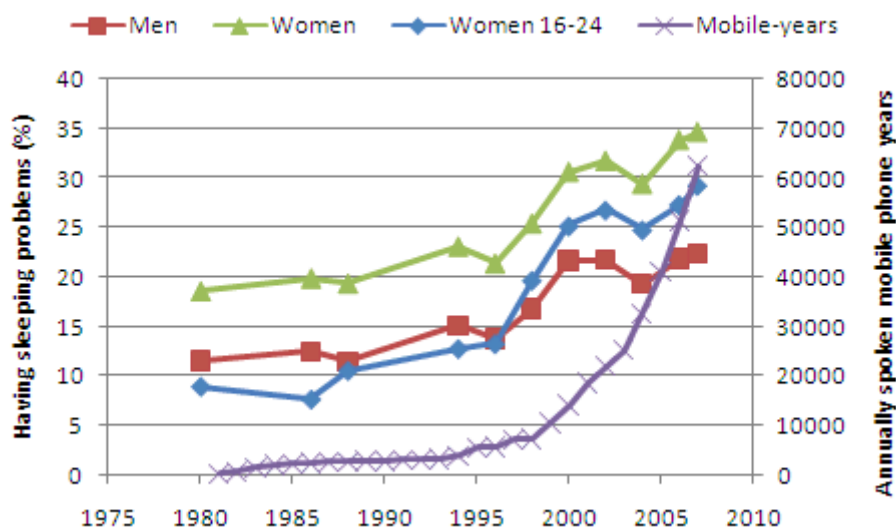
[article/download/5350/4438](http://www.thestatesman.com/news/science-and-tech/smartphones-pose-danger-for-cardiac-device-wearers/70955.html)

Smart Phones Pose Danger for Cardiac Device Wearers. <http://www.thestatesman.com/news/science-and-tech/smartphones-pose-danger-for-cardiac-device-wearers/70955.html>

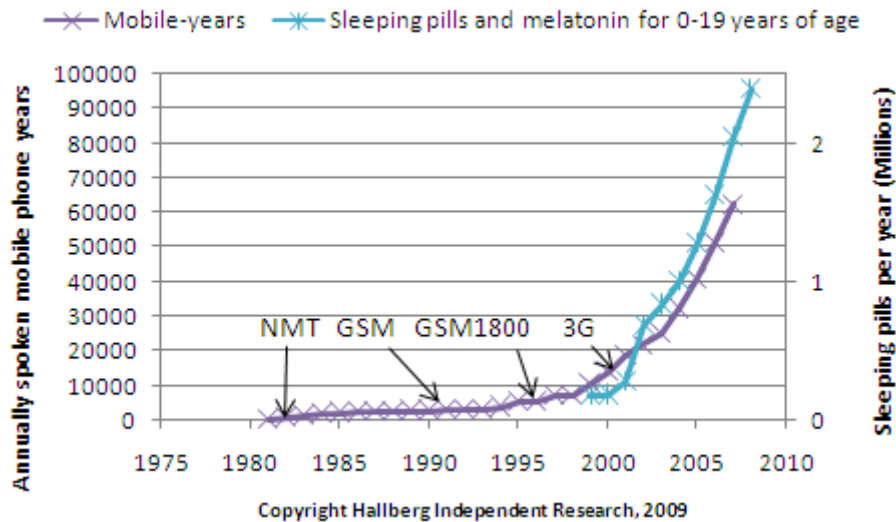
EEG Changes Due to Experimentally Induced 3G Mobile Phone Radiation. <http://www.ncbi.nlm.nih.gov/pubmed/26053854>

Is your mobile phone changing your mood or behaviour? Cell Phone Mind Control. <http://www.scientificamerican.com/article/mind-control-by-cell/>

Does the Brain Detect 3G Mobile Phone Radiation Peaks? An Explorative In-Depth Analysis of an Experimental Study. <http://www.ncbi.nlm.nih.gov/pubmed/25962168>



Sleep disorders correlated with number of hours of phone use per year.



Rising phone use (purple) mirrors rise in sleeping pill sales (blue).

See here for additional charts by Hallberg Independent Research. Forbid the Use of Mobile Phones in Sweden. <http://sgll.nu/PDF/Mobilestop.pdf>

Study indicates an upswing in "general sickness" of the Swedish population after introduction of new 1.8GHz phone network. GSM 1800 and Public Health. <http://hudcancer.nu/GSM1800/1800.htm>

"We conclude that the Swedish Cancer Register is not reliable to be used to dismiss results in epidemiological studies on the use of wireless phones and brain tumour risk." Increasing Rates of Brain Tumours in the Swedish National Inpatient Register and the Causes of Death Register. See the excellent list of references at the end. <http://www.mdpi.com/>

1660-4601/12/4/3793/htm

It is noteworthy that tumours with no determined cause went unrecorded in the Register above. Institutional pressure upon physicians to not attribute health disorders to EMR exposure is one reason why a spreading EHS epidemic goes largely unrecognised. Sharp Increase in Patients Treated for Brain Tumors with Unclear Diagnosis in Sweden. <http://www.stralskyddsstiftelsen.se/2014/10/increase-brain-tumors/>

How can anything that dissolves the metal in dental braces be good for you? Effect of Mobile Phone Use on Metal Ion Release From Fixed Orthodontic Appliances. <http://www.ncbi.nlm.nih.gov/pubmed/26038076>

Smart Phone Flaws Put Users at Risk. <http://www.smh.com.au/digital-life/consumer-security/smartphone-flaws-puts-users-at-risk-20140801-zzfhh.html>

Microwave Towers

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





7% of Australian's will get their NBN by microwaves instead of harmless fibre optic cable.

Groups opposing NBN towers in the Maleny QLD area report that 3 have now been erected, 3 are subject to Development Application and up to 17 additional may be planned. Their coordinated strategy include press releases, presentations to elected officials, public information sessions to balance those held by NBN, cautionary leaflets to landowners, and objections to the "evasive" tactic of siting towers on road closure land. The group in Witta has followed the legal route with respect to long-term health and insurance issues. Readers wishing to assess these measures prior to commencing their own initiatives can email us at contact@emraware.com. We will put you in touch with the relevant people.

Yes, you CAN succeed. NBN Tower Knocked Back. <http://www.communitynews.com.au/news/NBN-tower-knocked-back/7671275>

On the other hand, sometimes not. The 45 metre tower near the Ballina Airport flight path, mentioned in our March issue, was recently approved by Council. "Cr. Keith Johnson moved a motion to approve the tower, despite a recommendation from staff to refuse the application because of concerns raised by the management of the Ballina Byron Gateway Airport." Giant NBN Tower with Flashing Lights Outside Pat's Window. <http://www.northernstar.com.au/news/nbn-tower-monstrosity/2530581/>

NBN tries hard to convince local government decision makers that their 30-50 metre towers have minimal impact. The photo techniques in this Visual Impact Assessment for an NBN tower at Boddington WA are typical. In the first slide, the monopole has no antennae (top) fitted and is framed next to a tall tree. In the second, trees partially conceal the tower. In the third, the tall tree effect is replaced by a handy power pole. All serve to make the tower look small and unobtrusive by comparison. <https://ecoscape.com.au/portfolio/nbn-boddington-visual-impact-assessment/>

This sums up the Liberal Government's attitude to the NBN. "Itâ€™s getting harder to see the

public value in NBN. But it's too late to stop it now. Better to double the workforce and finish it quickly and quietly." Malcolm Turnbull's Plan to Speed up the Delivery of Australia's Broadband Network. http://www.pcauthority.com.au/Feature/407528,malcolm-turnbulls-plan-to-speed-up-the-delivery-of-australia-s-broadband-network.aspx?eid=2&edate=20150807&utm_source=20150807&utm_medium=newsletter&utm_campaign=weekly_newsletter&nl=weekly

"Malcolm Turnbull warned that this could happen. The NBN's Fixed Wireless and Satellite network is in strife, and it's going to cost over \$1 billion to make it right." NBN Co's Wireless Coverage Gap Will Cost Over \$1 Billion To Fix. <http://www.gizmodo.com.au/2014/05/nbn-cos-wireless-coverage-gap-will-cost-over-1-billion-to-fix/>





No it's not NBN's cash reserves. Metal bed springs and frames may act as antennae to concentrate radio waves.

Your Mattress Could Be Acting as a Cancer-causing Antenna. <http://articles.mercola.com/sites/articles/archive/2010/08/18/your-box-spring-mattress-could-be-acting-as-a-gigantic-cancer-causing-radiation-antenna.aspx>

Bed Types and Cancer Incidences. <http://sgll.nu/MedPub/Ref35PATPHY645b.pdf>

"In Japan (where they sleep on futons) there is no correlation between the rates of melanoma and breast cancer as there is in the West, and there is no left-side prevalence for either disease." Left-sided Cancer: Blame Your Bed or TV. <http://blogs.scientificamerican.com/guest-blog/left-sided-cancer-blame-your-bed-and-tv/>

Study links cancer location to attenuation of ambient RF by bedsprings. Sleep on the Right Side - Get Cancer on the Left. <http://>

www.ncbi.nlm.nih.gov/pubmed/19647986

Update From Jody Watkins

Those who have been following Jody's situation with an NBN tower adjoining her previously EMR-free, rural property in Tasmania, can read her latest update here. Remember if you try to contact her, she presently has limited access to internet or phone services due to EHS. http://www.emraware.com/documents/jody_watkins_update.pdf

Wi-Fi

Home, Business, Hotspots



The tide is turning. Hemmingway Cafe in Manly drops Wi-Fi and boosts trade. Photo credit:

Janie Barrett.

"The love affair between coffee shops and

laptop-wielding customers may be dying out as coffee shop owners revolt against Sydneysiders' demand to be wired up. Rather than seeing customer numbers dwindle, Mr Gibson noticed a spike in popularity after Hemingway's changed its Wi-Fi policy. 'We didn't want to be a soulless Wi-Fi hub. We wanted our coffee and bar culture to be about social interaction and fun,' he said." Sydney Unplugged: Cafes Force Punters to Power Down. <http://www.smh.com.au/nsw/sydney-unplugged-cafes-force-punters-to-power-down-20150719-gicg7o.html#ixzz3gPgPqLel>

Professor Yuri Grigoriev on Wi-Fi and Health. <http://wifiinschools.org.uk/resources/RCNIRPonWi-FiJune2012.pdf>

There is enough concern in China over the exposure of pregnant women that a low emission technology marketplace is opening up. Chinese Tech Firms Fight Over Wi-Fi Router with "Pregnant Women" Setting. <http://www.theguardian.com/technology/2015/jun/24/pregnant-women-wi-fi-router-qihoo-xiaomi-fight-china>

The Australian news TV show "The Drum" recently aired an industry-friendly segment entitled, "Wi-fi isn't hurting you, but the fear of it might be". Here is Steve Weller's comprehensive letter to the presenter. It seeks to point out factual errors, bias and oversights

in both the storyline and statements made by government "experts" Professors Croft and Lowe. http://www.emraware.com/documents/weller_drum_letter.pdf

The Australian Government's own CSIRO invented Wi-Fi and sold it to the world. Concurrent with the expiry of these patents, and perpetuation of the liberal EMR "safety" standards that allowed them to be sold, they are now promoting a new generation of wireless technologies, such as long-range internet backhaul in the 5 and 10GHz bands. Ngara - Next Gen Wireless. <http://www.csiro.au/en/Research/DPF/Areas/Wireless/Wireless-technologies/Ngara>, <http://www.sief.org.au/Documents/RP/NgaraFinalGeneralReport.pdf>

Another CSIRO project is personnel-locating beacons for underground mines. But it involves miners wearing a high power radio transmitter. WASP: Wireless Tracking. <http://www.csiro.au/en/Research/DPF/Areas/Wireless/WASP>, <https://publications.csiro.au/rpr/download?pid=csiro:EP091739&dsid=DS3>

Schools and Children

Childhood Brain Tumour Risk and Its Association with Wireless Phones: A Commentary. <http://www.ehjournal.net/content/pdf/>

[1476-069X-10-106.pdf](#)

"Radiofrequency electromagnetic field (RF-EMF) exposure regulations/guidelines generally only consider acute effects, and not chronic, low exposures." International Policy and Advisory Response Regarding Children's Exposure to Radio Frequency Electromagnetic Fields (RF-EMF). <http://www.ncbi.nlm.nih.gov/pubmed/?term=26091083>

Did An Australian University Just Say Wi-Fi Can Give You And Your Kids Cancer? <http://www.gizmodo.com.au/2015/07/did-an-australian-university-just-say-wi-fi-gives-you-and-your-kids-cancer/>

Doctors for Safer Schools. <http://doctorsforsaferschools.org/2014.Doctors.for.Safer.Schools.pdf>

Videos of expert guest speakers at an event held on 22 June at the Commonwealth Club of California. Expert Forum on Cell Phone and Wireless Risks to Children. <http://www.commonwealthclub.org/events/2015-06-22/cell-phones-wireless-technologies-should-safety-guidelines-be-strengthened>. Lloyd Morgan <https://vimeo.com/132983244>, Dr. Mary Redmayne <https://vimeo.com/132984659>, Dr. Nesrin Seyhan <https://vimeo.com/132881352>, Dr. Mary Mallery-Blythe <https://vimeo.com/131798243>.

Policies on Children's Tech Exposure Confusing.
<http://monash.edu/news/releases/show/policies-on-childrens-tech-exposure-confusing>



The orchestrated migration of humanity to a controlled virtual existence.

"Compared with a control group who spent less than two hours a day online, gamers had less gray matter (the thinking part of the brain)."

Game Theory: How Do Video Games Affect the Developing Brains of Children and Teens?

[http://patients.aan.com/resources/neurologynow/index.cfm?](http://patients.aan.com/resources/neurologynow/index.cfm?event=home.showArticle&id=ovid.com%3A%2Fbib%2Fovftdb%2F01222928-201410030-00017)

[event=home.showArticle&id=ovid.com%3A%2Fbib%2Fovftdb%2F01222928-201410030-00017](http://patients.aan.com/resources/neurologynow/index.cfm?event=home.showArticle&id=ovid.com%3A%2Fbib%2Fovftdb%2F01222928-201410030-00017)

Parents Take Steps to Remove Children from UK Primary School Over Wi-Fi Risks. [http://www.anh-europe.org/](http://www.anh-europe.org/Exclusive_Parents_take_steps_to_remove_children_from_UK_primary_school_over_wi-fi_risks)

[Exclusive_Parents_take_steps_to_remove_children_from_UK_primary_school_over_wi-fi_risks](http://www.anh-europe.org/Exclusive_Parents_take_steps_to_remove_children_from_UK_primary_school_over_wi-fi_risks)

According to the Israeli Education Ministry, students at 200 schools are currently participating in a computer-based education program that requires bringing a tablet or laptop to class. Parental Opposition to Use of Laptops, Tablets in Schools Grows. <http://www.haaretz.com/news/israel/.premium-1.663306>



Genuine learning or just a desperate addiction to technology?

Should parents be forced to buy their children computers for school? Sign the petition here.

[https://www.change.org/p/say-no-to-forced-bring-your-own-device?](https://www.change.org/p/say-no-to-forced-bring-your-own-device?utm_source=action_alert&utm_medium=email&utm_campaign=363724&alert_id=XhjAjTcbaO_pWJvDgnD3irZvrahiSSz0AZslASIJshH8S4qRIJMW2XM%3D)

[utm_source=action_alert&utm_medium=email&utm_campaign=363724&alert_id=XhjAjTcbaO_pWJvDgnD3irZvrahiSSz0AZslASIJshH8S4qRIJMW2XM%3D](https://www.change.org/p/say-no-to-forced-bring-your-own-device?utm_source=action_alert&utm_medium=email&utm_campaign=363724&alert_id=XhjAjTcbaO_pWJvDgnD3irZvrahiSSz0AZslASIJshH8S4qRIJMW2XM%3D)

"The exposure of regions inside the brains of young children (e.g. hippocampus, hypothalamus, etc) can be higher by more than 2 dB-5 dB in comparison to adults. The exposure of the bone marrow of children can exceed that of adults by about a factor of 10. The cerebellum of children can show a peak spatial average SAR more than 4 dB higher than the local exposure of the cortex of adults." Age Dependent Tissue Specific Exposure of Cell Phone Users. <http://www.c4st.org/images/documents/Age-Dependant-Tissue-Specific-Exposure-of-Cell-Phone-Users-Hardell.pdf>

Wi-Fi Alters Brain Activity in Young Adults. <http://wifiinschools.org.uk/resources/wifi+brain+July+2011.pdf>

Safe Schools Information Technology Alliance. <http://ssita.org.uk/>

Doctors Caution Pregnant Women About Wireless Radiation Health Risks. <http://grassrootsenvironmentaleducation.newswire.com/press-release/doctors-caution-pregnant-women-about-wireless-radiation-health>

Docs: Wireless Devices Can Harm Pregnancies. http://www.bostonherald.com/news_opinion/local_coverage/2015/07/docs_wireless_devices_can_harm_pregnancies

Cuddly Wi-Fi? The Smart Teddy Bear. <http://>

teddytheguardian.com/

You simply won't believe this video. Born for the Internet. <https://www.youtube.com/watch?t=18&v=Kadw3qIUmqA>

Smart Grid

Electricity, Water and Gas Meters, AMI, HAN

Australian Study Puts Victoria at Centre Stage of the Smart Meter Controversy. <http://stopsmartmeters.com.au/2015/02/07/australian-study-puts-victoria-at-centre-stage-of-the-smart-meter-controversy/>, <http://www.ncbi.nlm.nih.gov/pubmed/25478801>, <http://smartgridawareness.org/2014/12/07/symptom-development-from-smart-meter-rf-exposure/#more-9615>



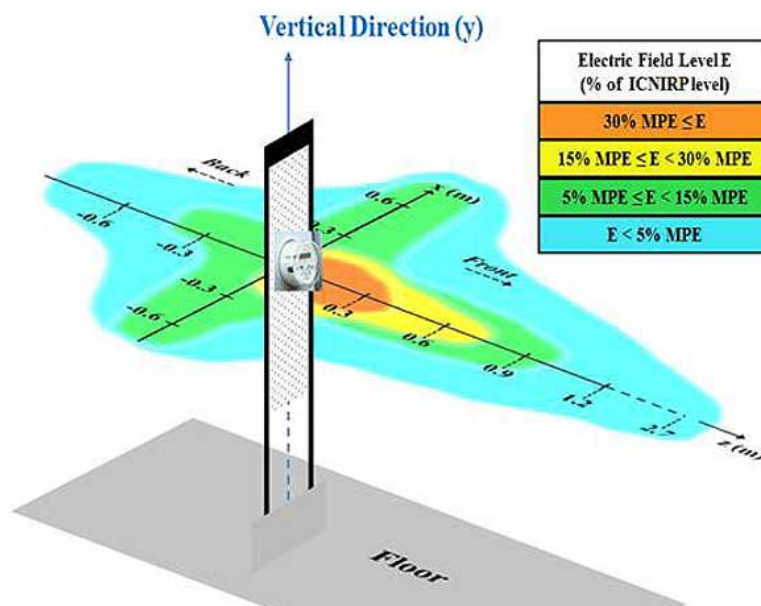
Actaris Ace 1000 analogue meter.


New Analogue Meters Are an Option in New

Zealand. <https://smartmeterpowerstruggle.wordpress.com/2012/08/21/new-analogues-are-an-option-in-nz/>

Prompted by an announcement by Meridian that smart meters will be deployed in the Oamaru area, the film "Take Back Your Power" will be screened 6.30 PM on Friday, August 14 at the REAP Centre, 33 Puckey Avenue, Kaitaia. Stop Smart Meters NZ also offers this advice on their website. Your Options If Your Electricity Retailer Sends You a Notice to Say It Plans to Install a Smart Meter. <http://www.stopsmartmeters.org.nz/latest-news/your-options-if-your-electricity-retailer-sends-you-a-notice-to-say-it-plans-to-install-a-smart-meter/>

Symptoms After Exposure to Smart Meter Radiation. <http://www.wi-cancer.info/Symptoms%20after%20Exposure%20to%20Smart%20Meter%20Radiation.pdf>





Smart meter field intensity profile as percentage of ICNIRP "safety" standard.

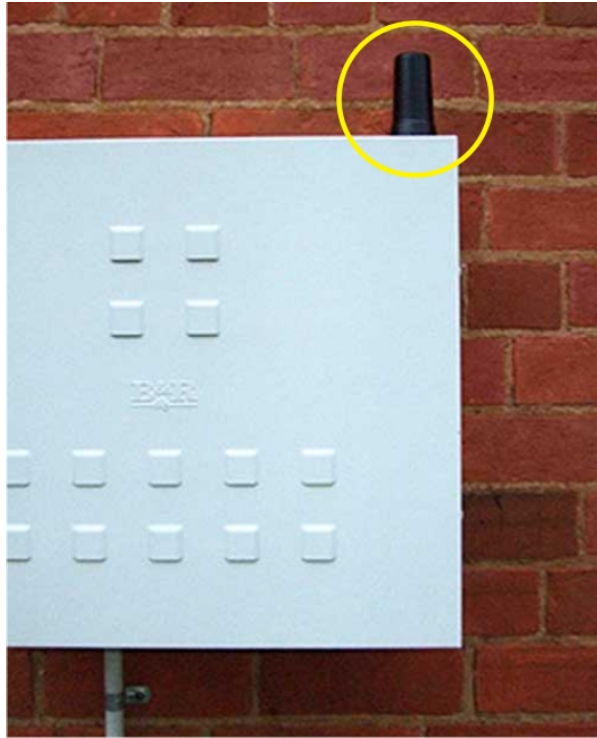
Extensive report, June 2015, by Total Radiation Solutions for the Victorian Department of Economic Development, Jobs, Transport and Resources. Quantifying Smart Meter RF EME Levels in Victorian Homes. http://www.emraware.com/documents/quantifying_smartmeters_victorian.pdf

Victorian Government Releases Farcical Smart Meter technical Study. http://stopsmartmeters.com.au/2015/07/10/victorian-government-releases-farcical-smart-meter-technical-study/?can_id=664231854226259c87104e823a0dc1cb&source=email-july-2015-stop-smart-meters-bulletin&email_referrer=july-2015-stop-smart-meters-bulletin

Utilities Spread "Smart Meters", But Some Homeowners Hold Out. <http://marylandreporter.com/2015/06/16/utilities-spread-smart-meters-but-some-homeowners-hold-out/>

The Stop Smart Meters! Bulletin, reported that an appeal, in a Californian Superior Court, against a forced disconnection by PSREC was

won after it was revealed the Judge had a no-cost, self-read analogue meter at his home. Makes you think doesn't it? How many other influential people have been quietly allowed to avoid smart meters.



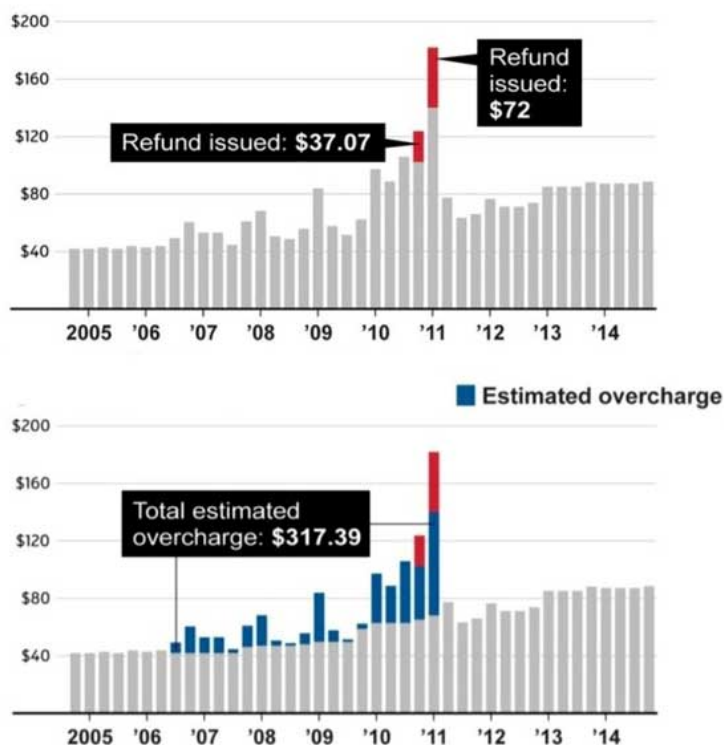
If you have a smart meter, and the meter box has sprouted a stubby black protrusion (antenna), you may be serving as a "mesh node" for transmitted data from surrounding dwellings. This can result in exposure to proportionately higher levels of microwave radiation. In this case, did your electricity provider obtain your permission to damage/modify the meter box YOU own, and co-opt it as part of their commercial infrastructure?

Market Forces

Know your electricity meters. Here is a pictorial

article by AusGrid on the models they install. Notice the visual similarity between the interval (non-radiating) and smart meters, which sometimes leads to customer confusion. Other Australian providers may use different smart meters such as the iCredit 500 or Landis & Gyr E350. http://www.ausgrid.com.au/Common/Customer-Services/Homes/Meters/Types-of-meters.aspx#.VaoOgPnFV_E

We do not endorse specific products, services or actions, but as of this date this business website offers worthwhile information on consumer opposition to "mandatory" installation of smart meters. <http://www.celldetoxonline.com.au/news/>



Doublespeak: Chicago Suburb Claims Smart

Water Meters Donâ€™t Overcharge. â€œThey Misrecord.â€ <http://smartgridawareness.org/2015/06/05/chicago-suburb-smart-water-meters-misrecord/>

Smart meter â€œissues are of great concern, not just locally, but also nationally and internationally,â€ cautions Judge. <http://smartgridawareness.org/2015/07/26/smart-meter-issues-are-of-great-concern-cautions-judge/>

Get ready for even more radiation. Hive Planning to Turn Thousands of Smart Meters into a Supercomputer. <http://www.forbes.com/sites/peterdetwiler/2015/07/20/hive-planning-to-turn-the-hum-of-thousands-of-smart-meters-into-a-supercomputer-platform/>

Orwellian Future: "Smart Cities" Will Know Everything About You. <http://smartgridawareness.org/2015/07/13/smart-cities-will-know-everything-about-you/>



Smart meter ice cream van targets kids.

ComEd of Chicago aims to establish a dubious psychological link between ice cream, trucks that look like ambulances, and smart meters. A Cool Summer Treat. <http://www.lawndalenews.com/2014/07/a-cool-sweet-summer-treat/>

And if that is not enough, this website offers a number of insightful articles. <http://www.wakingtimes.com/?s=smart+meters>

Wearable Tech

Biometrics, Implants, Artificial Intelligence

It's all about staying connected, whether you want to or not. All Americans Will Receive A Microchip Implant In 2017 - NBC News reports. <http://csglobe.com/all-americans-will-receive-a-microchip-implant-in-2017-nbc-news-reports/>

An emerging alternative to RFID implants is "geospatial intelligence networks". Smart phone acquired GPS data on you is only a first step. GeoINT: Casting A Neural Net On Humanity - RFID Not Required! <https://www.youtube.com/watch?v=3TDAowceJgI>

Another form of artificial energy destined to

invade your airspace. Holograms You Can Actually Touch Are Here. <http://www.collective-evolution.com/2015/07/14/holograms-you-can-actually-touch-are-here/>



Humans to Become "Pets" of AI Robots, Says Apple Co-founder Wozniak. http://www.naturalnews.com/050390_Steve_Wozniak_AI_robots_human_pets.html

So Robots Will Make Us Their Pets? I Can't Wait. <http://www.theguardian.com/commentisfree/2015/jun/29/robots-make-humans-pets-steve-wozniak-intelligent-machines>

And the robots don't want you to escape ... ever. We Will All Be Immortal by 2045 According to Google Experts. <http://meebal.com/we-will-all-be-immortal-by-2045-according-to-google-experts/>

HAZ: The World's 1st Motorized Smart

Umbrella. <https://www.indiegogo.com/projects/haz-the-world-s-1st-motorized-smart-umbrella#/story>

"The Apple Watch Burned Me". http://fusion.net/story/163501/apple-watch-burn/?utm_source=newsletter&utm_medium=email&utm_campaign=fusion8&utm_content=4&utm_term=fusion-newsletter-164454. Comment from a Fusion reader in Switzerland, "Bubbling blisters". This is exactly what happened to a teenager who was exposed to radiofrequency radiation from a nearby cell phone tower - she broke out in huge blisters from head to toe. What's so great about a wrist watch that microwaves you, exposing you to harmful radiation?"

Sensor skin patches linked to smart phones warn of nearby environmental hazards ... by creating another possible hazard, more microwave exposure. Here Come the Wearables That Want to Save Your Life. <http://www.ozy.com/good-sht/here-come-the-wearables-that-want-to-save-your-life/61809#ixzz3h8ak43St>, Thin, Stretchy, Dissolvable Health Gadgets. <http://www.ozy.com/fast-forward/thin-stretchy-dissolvable-health-gadgets/4881>

Mains Radiation, ELF

Powerlines, Wiring, Appliances

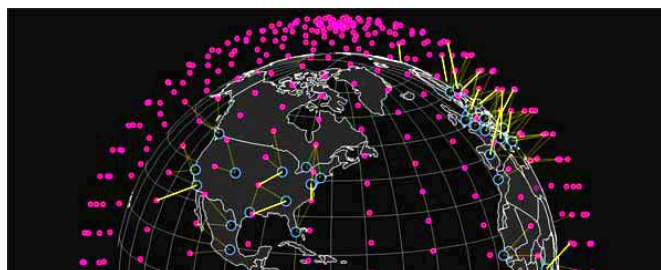
Green technology? Wind Turbines Emit Brain-disrupting "Infrasound Pollution" That Affects People for Miles Around. http://www.naturalnews.com/050506_wind_turbines_infrasound_brain_disturbances.html#

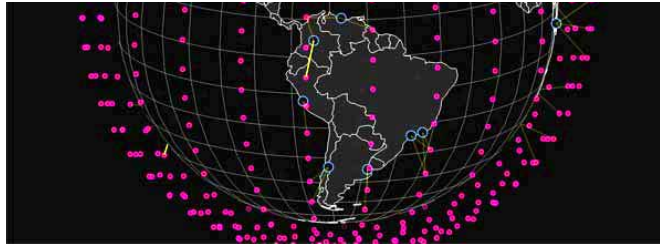
Is this one possible solution? Vortex Bladeless Develops a Wind Turbine without Blades. https://www.youtube.com/watch?v=La-qwL3wr_c

Constantly improving storage battery technology will be the death knell for electricity smart meters and the power grid. Now all we need is more 12VDC appliances and we can kiss 110/240VAC goodbye forever. How Battery-powered Homes Are Unplugging Australia. <http://snip.ly/7fQY#http://www.smh.com.au/business/energy/how-batterypowered-homes-are-unplugging-australia-20150731-giogk2.html>

Transport, Aerospace

Motor Vehicles, Aircraft, Satellites





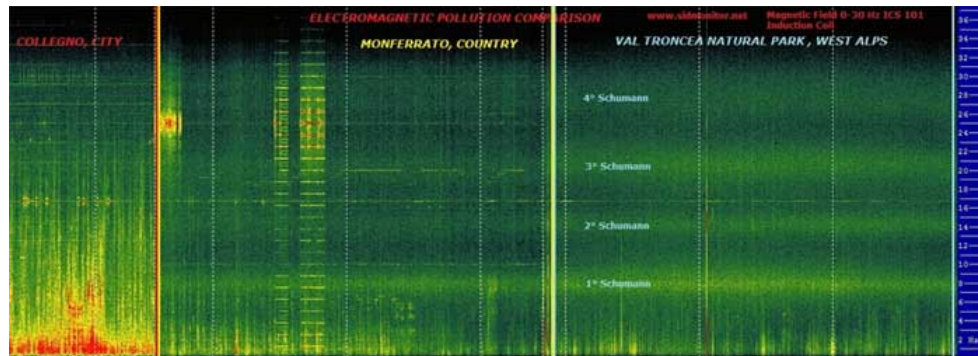
Just two of the several internet satellite constellations striving to envelop us all in microwaves.

If you don't have another planet to move to, consider supporting the efforts of this organisation. Global Union Against Radiation Deployment From Space. <http://www.stopglobalwifi.org/>

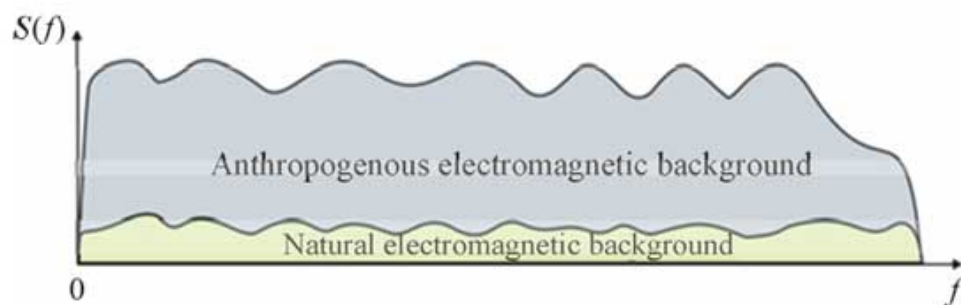
The Demise of Natrual Energies

Triggered by lightning discharges worldwide, our Earth continuously emits a set of five sub-audio frequencies known as the Schumann resonances. These are visible as horizontal green bands in the three side-by-side spectrum plots below. The left-most one shows the

relative degree of electro-pollution (orange/yellow) in a populated area. This effectively obscures from all lifeforms on this planet the beneficial natural EMR within which they evolved.



SID Monitoring Station. <http://www.sidmonitor.net/extremelylowfreq/index.html>



Naturally occurring, coherent EMR buried beneath man-made random EMR.

Biological Effects of Very Low Frequency (VLF) Atmospherics in Humans. <http://www.vitatec.com/docs/referenz-umgebungsstrahlung/schienle-1998.pdf>

Solar and Geomagnetic Activity, Extremely Low Frequency Magnetic and Electric Fields and

Human Health at the Earth's Surface.

<http://www.vitatec.com/docs/referenz-umgebungsstrahlung/palmer-2006.pdf>

Security

Body Scanners, Surveillance, Non-lethal Weapons

This degree of intrusion can only happen with the complicity of the hardware and software manufacturers. Leaked Documents Show FBI, DEA, & Army Can Control Your Computer.

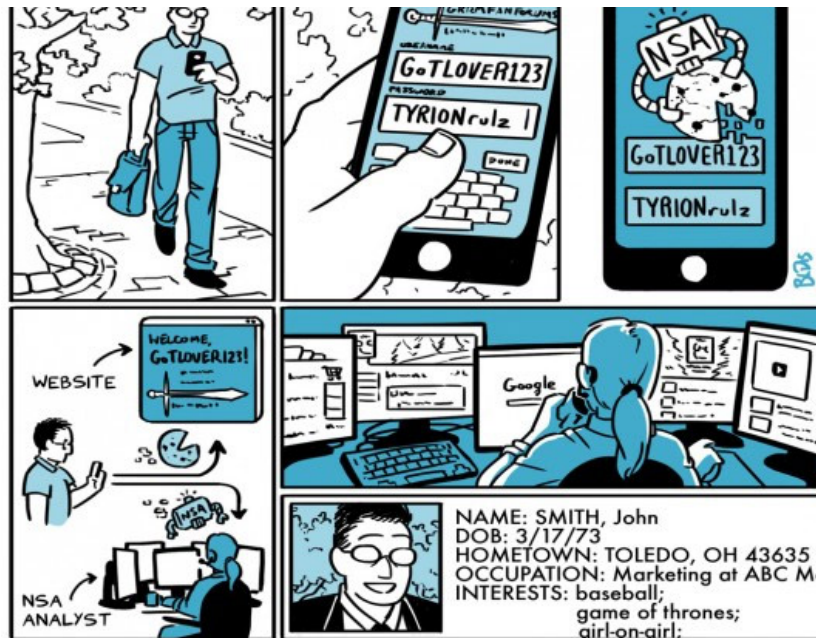
<http://theantimedia.org/leaked-documents-show-fbi-dea-army-can-control-your-computer/>

It's coming. How to make every object you own invisibly "interactive". A roundabout way perhaps of owning YOU. Transparent Produces Power With Just a Touch. <http://cen.acs.org/articles/93/web/2015/07/Transparent-Paper-Produces-Power-Just.html>

Coast To Coast AM - July 2, 2015 Tracking Technology & AC/DC. <https://www.youtube.com/watch?v=6P1QONuScQY>

FaceBook Can Recognize You Even If You Don't Show Your Face. <http://www.wired.com/2015/06/facebook-can-recognize-even-dont-show-face/>





XKEYSCORE: NSA's Google for the World's Private Communications. <https://firstlook.org/theintercept/2015/07/01/nsas-google-worlds-private-communications/>

Behind the Curtain: A look at the Inner Workings of NSA's XKEYSCORE. <https://firstlook.org/theintercept/2015/07/02/look-under-hood-xkeyscore/>

Biological Mechanisms

Oxidative Mechanisms of Biological Activity of Low-intensity Radiofrequency Radiation. <http://informahealthcare.com/doi/abs/10.3109/15368378.2015.1043557>

Dr. Lennart Hardell, Professor in Oncology and Cancer Epidemiology University Hospital, Sweden. Conference Introductive par Lennart Hardell Appel de Paris 2015 EHS/MCS (in

English). <https://www.youtube.com/watch?v=JehrGVPTUos>

Dr. Anthony B. Miller, Professor Emeritus at U. of Toronto's School of Public Health, speaks to Canadian Parliamentarians about the health impacts of non-ionizing radiation. Cancer Expert Warns: Extremely Important to Adopt Precaution against RF Exposure. <http://www.thegreengazette.ca/health-wellness-cancer-expert-warns-extremely-important-to-adopt-precaution-against-rf-exposure/>

Decades of damning scientific evidence on microwaves were ignored, thus now potentially endangering the entire population. The Largest Biological Experiment Ever. <http://hir.nu/Largest.htm>

Diagram of Mechanisms Linked to Electromagnetic Fields (EMF's) Exposure. http://ssita.org.uk/wp-content/uploads/2013/08/Diagram_of_mechanisms_linked_to_EMF_exposure_csif.pdf

Electro Hypersensitivity (EHS)

A full selection of videos and Powerpoint presentations from speakers at The 5th Congress of the Paris Appeal hosted in May

2015 by the Belgian Royal Academy of Medicine. Environmental Idiopathic Intolerance: What Role for EMFs and Multiple Chemicals?
http://appel-de-paris.com/?page_id=1667&lang=en

Guideline of the Austrian Medical Association for the Diagnosis and Treatment of EMF-related Health Problems and Illnesses (EMF Syndrome).
<http://freiburger-appell-2012.info/media/EMF%20Guideline%20OAK-AG%20%202012%2003%2003.pdf>

Professor Olle Johansson of the Karolinska Institute in Sweden advises that more and more countries are now defining electrohypersensitivity as a functional impairment. Olle Johansson (SuÃ¨de): Le trouble Fonctionnel de lâ€™EHS: de la ThÃ©orie Ã la Pratique (in English). <https://www.youtube.com/watch?v=g9vrYkIL86Y>

A personal message from Prof. Johansson.

During the last months, I have had the great honour to tour various countries, visiting EHS persons and their relatives, brain or leukemia cancer victims with relatives, concerned parents and staff with children in Wi-Fi based schools, smart meter opponents, and so forth. My visits aimed at assisting them, primarily with legal issues, but also to

instill courage and weld more mental protective armour to all in need. Many of these persons, for obvious reasons, do not have any Internet connection or even a computer. This is, of course, especially true for EHS persons.

Therefore I have been pretty "silent" for a long time. (I see now in my computer that I have approx. 2,800 e-mails to answer so be patient.)

In summary, I am very impressed by all the local as well as international supporting groups and persons, activist and campaigner organizations, and human right advocates. You are all doing a fantastic job! Also, I am equally very impressed by the persons suffering from the above impairments and illnesses. They must stand a reality the rest of us have not tested or even witnessed. I lift my hat and bow to them.

When the sun finally settles for me, I know that you too did your very best for Life on this Planet.

With my very best regards, Yours sincerely, Olle

Dominique Belpomme (France): EHS et MCS: un mÃame syndrome (in English). <https://>

www.youtube.com/watch?v=JshJCPpgwQM

An Invisible Threat (Spanish video). <http://festivalcinesevilla.eu/es/programacion/pelicula/una-amenaza-invisible>

When I First Got Sick from EMR & RFR in 1998. http://radiationrefuge.com/Wendy-McClelland-when-I-first-got-sick-from-EMR-RFR-in-1998-news_1_2_1_50. Radiation Refuge would like your EHS story too. Send it here.

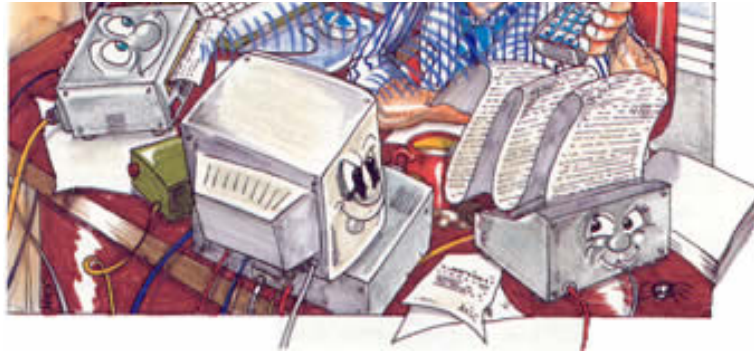
radiationrefuge@abuconga.com. Their Facebook page. <https://www.facebook.com/profile.php?id=100009236928144>

"I've Been Irradiated by Electromagnetic Fields". Another personal story of EHS. http://mobilstopp.nu/PDF/Testimony_Dominique12_11_2009.pdf

Letter to the Editor: Will We All Become Electrosensitive? http://www.next-up.org/pdf/EHS2006_HallbergOberfeld.pdf

Wollongong EHS Study - Caution to Volunteers





Am I really just imagining it all?

Do you believe you are EHS? Prof. Rodney Croft et al, of the University of Wollongong, are seeking twenty volunteers for a provocation study to challenge the validity of such claims. The inquiry is psychological (subjective), as opposed to biological (objective). Hence would-be participants should be certain they can reliably "feel" the presence of a hidden microwave source, and not be susceptible to the sort of deliberate manipulation this type of protocol invites. The very term "EHS" was concocted to marginalise sufferers as delusional or abnormal, when in fact everyone is affected by EMR. If these type of studies produce the result industry wants, anyone self-reporting EHS may henceforth be directed to a psychiatrist instead of being offered effective medical care, or elimination of the cause of their symptoms. Electromagnetic Hypersensitivity Study. <http://acebr.uow.edu.au/research-programs/UOW164837.html>

Here is a further commentary by Steve

Weller who is a public representative of ARPANSA's "EME Reference group."

Being an person who suffers headaches, insomnia, head pressure and numbness in the face when I use wireless devices I am extremely concerned that the upcoming study being performed at Wollongong University by Professor Croft and his team is unlikely to be of value to those who suffer because of some major deficiencies in the study design. A number of sufferers including myself worked closely with Professor Croft and his team to provide advice on establishing a robust testing protocol, one that we believed would help establish whether Electromagnetic Hypersensitivity (EHS), also referred to as microwave sickness, is linked to exposure to manmade wireless frequencies emitted from WiFi, mobile phones and cell towers. To our dismay and frustration none of our suggestions were adopted. Personally, I believe the study design has been purposely constructed to avoid showing an association with the intent to support a psychological cause. I wrote an open letter over two months ago challenging Professor Croft in relation to what I saw as obvious test protocol deficiencies but

a response has not been forthcoming. The main issues with the study are that it contains no biological tests, is based purely on subjective responses that can be influenced by a number of confounders, uses a provocation device that emits a signal that is not found in the real world and is seriously constrained with respect to timeframes for expected recovery - there can be a washout period where effects can linger for hours even days after an exposure that may influence subsequent sham signal tests. As I am impacted by these technologies I cannot in good conscience recommend people who suffer from this functional impairment to undertake the test in its current form.

Electromagnetic Hypersensitivity Study at Wollongong University. <http://stopsmartmeters.com.au/2015/08/09/electromagnetic-hypersensitivity-study-university-of-wollongong/>

For those academics reading this who seem to have chronic trouble finding evidence of non-thermal EMR bioeffects, there is a long list of peer-reviewed scientific papers at the end of this document. Now you can't say you didn't know. Real Versus Simulated Mobile Phone

Exposures in Experimental Studies. <http://www.hindawi.com/journals/bmri/2015/607053/>

For those who have the eyes to see. The Dangers of Willful Blindness. http://www.ted.com/talks/margaret_heffernan_the_dangers_of_willful_blindness#t-178493

Electrohypersensitivity Conference Debunks Nocebo Effect. <https://maisonsaine.ca/english/electrohypersensitivity-conference-debunks-nocebo-effect-theory.html>

Electromagnetic Hypersensitivity: Evidence for a Novel Neurological Syndrome. <http://www.ncbi.nlm.nih.gov/pubmed/21793784>

"No authority has power to impose error, and, if it resists the truth, the truth must be upheld until it is admitted." - Lord Acton

Safety Standards

Regulations, Bans and Warnings





Are official safety standards being kept up-to-date with the latest science?

"Numbers of tumors of the lungs and livers in exposed animals were significantly higher than in sham-exposed controls. In addition, lymphomas were also found to be significantly elevated by exposure. We hypothesize that these tumor-promoting effects may be caused by metabolic changes due to exposure." Tumor Promotion by Exposure to Radiofrequency Electromagnetic Fields Below Exposure Limits for Humans. <http://www.ncbi.nlm.nih.gov/pubmed/25749340?dopt=Abstract>

The current trend by industry protectionists is to flatly deny any adverse effects from non-ionising radiation (NIR). Yet back in 2002 ICNIRP was advising to make special arrangements for those populations most affected. File under "covering one's tracks". See page 546 "People Being Protected". <http://www.icnirp.org/cms/upload/publications/ICNIRPphilosophy.pdf>

Scientists call for Protection from Non-ionizing Electromagnetic Field Exposure. <https://www.emfscientist.org/index.php/emf-scientist-appeal>

Public hearings on Health Canada's Safety

Code 6 resulted in twelve recommendations. They called to "continue to provide reasonable accommodations for environmental sensitivities, including electromagnetic hypersensitivity, as required under the Canadian Human Rights Act". Radiofrequency Electromagnetic Radiation and the Health of Canadians. <http://www.parl.gc.ca/content/hoc/Committee/412/HESA/Reports/RP8041315/hesarp13/hesarp13-e.pdf>

Exposure Limits: The Underestimation of Absorbed Cellphone Radiation, Especially in Children. <http://ehtrust.org/a-summary-exposure-limits-the-underestimation-of-absorbed-cellphone-radiation-especially-in-children/>

Canadian inquiry into possible links between RF exposure and cancer, reproductive issues and autism. Concerns were raised about Wi-Fi in schools and the need for RF exposure limits to protect pregnant women, infants and children and persons with electromagnetic hypersensitivity (EHS). Canadian Parliament Committee Calls for Protection of Vulnerable Groups from Wireless Radiation Exposure. <http://www.saferemr.com/2015/06/canadian-parliament-committee-calls-for.html>

Council of Europe Parliamentary Assembly report. The Potential Dangers of Electromagnetic Fields and Their Effect on the

Environment. <http://assembly.coe.int/nw/xml/XRef/X2H-Xref-ViewPDF.asp?FileID=17994&lang=en>

Comprehensive 50 page report from the Swiss Agency for the Environment, Forests and Landscape. Electrosmog in the Environment. http://www.emraware.com/documents/swiss_electrosmog_report.pdf

Submissions to Australia's spectrum licensing authority the ACMA closed on 10 August. You can read ours here. http://www.emraware.com/documents/acma_submission.pdf

Industry Watch

Product Defense, Liability and Legal Action

Institutional Corruption in Dealing With the Risks of Radiofrequency Radiation in the Past 50 Years. http://www.diagnose-funk.org/assets/pandora_docu_the-zaret-case-2012.pdf

Why Our World Is Electropolluted. How Industry Suppresses - and Government Denies - the Overwhelming Evidence of Harm. <http://vitalitymagazine.com/article/why-our-world-is-electropolluted/>

Below are two anecdotes from the checkered history of ICNIRP and the WHO's EMF Project,

both tied up with industry funding and favouritism.

IARC Drops Anders Ahlbom from RF-Cancer Panel. <http://microwavenews.com/Ahlbom.html>

Repacholi Admits Interference from the Industry at the World Health Organisation EMF Project. <http://www.mastsanity.org/home-89/168-repacholi-admits-interference-from-the-industry-at-the-world-health-organisation-emf-project.html>. Microwave News Responds to Mike Repacholi. <http://www.microwavenews.com/docs/MWN.11%289%29-06.pdf>

Liz Barris of The People's Initiative (USA) is seeking persons demonstrably affected by electrosensitivity to participate in a landmark Court action. <http://thepeoplesinitiative.org/>. Dr. Gunnar Heuser of Washington State has agreed to assist <http://emfdoc.com/about.html>. He utilises Functional MRI, a procedure that monitors blood oxygenation and flow that can document neurological damage from EMR exposure. Functional Magnetic Resonance Imaging: A New Research Tool. <http://www.apa.org/research/tools/fmri-adult.pdf>

EMR Countermeasures

Personal Precautions and Monitoring



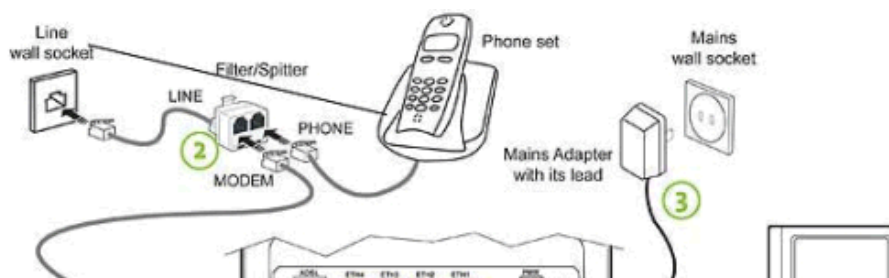
Wi-Fi Exposure Meter for Android Devices.

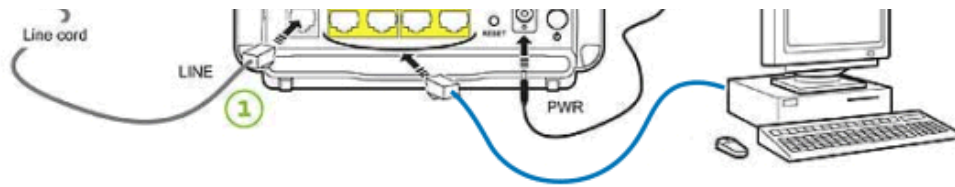
<https://play.google.com/store/apps/details?id=com.sigintsolutions.apps.wifihealthmeter>

Does EMF Shielded Clothing Work? <http://www.electricsense.com/9354/emf-shielded-clothing-work/>

Hard-wiring Internet Without an Ethernet Port

To reduce exposure to microwaves in the home or office, many people choose to "hard-wire" their computer to the modem. For this to fully succeed, one should also consider disabling the Wi-Fi function in both devices via their respective software interfaces. Check with an RF meter to be sure.





Even modems sold as "wireless" normally have a row of sockets in the back to accept an RJ45 ethernet cable.

However, an increasing number of Wi-Fi enabled tablet's and thin laptops (convertibles and ultrabooks) are no longer manufactured with a built-in port to accept a cable. One solution is a USB-to-ethernet adaptor, as pictured below. These are available for around \$15, including driver software on CD. Transfer rates for USB 3.0 are nearly the same as a direct cable connection, and normally faster than Wi-Fi.



Networking

The following notice was received from Stop Smart Meters Australia for inclusion in our newsletter.

With electrical companies now concentrating on introducing smart meters outside of Victoria, Stop Smart Meters Australia would like to help create Awareness/Support groups in other states, in particular New South Wales and Queensland. Linking with current local initiatives, these groups would work towards raising local awareness about the dangers of smart meters. SSMA would assist in providing resources to these groups, along with the website continuing to be an important strategy in raising awareness of what is happening Australia wide. If you are interested please visit <http://www.stopsmartmeters.com.au> and go to the "Contact us" menu item.

Interested in joining the Take back Your Power team in opposing smart meters? "Our core team has since been developing the 2nd Phase - a trailblazing combo of film + solutions. Together, we will replace 'smart' meters with technologies

that respect human rights and create true empowerment." <http://takebackyourpower.net/join-the-team/>

Here is a petition you can sign on OurSay, asking our Government to implement more effective EMR exposure limits. <http://oursay.org/community/freedom/the-latest-study-has-come-back-showing-that-mobile-phones-do-cause-cancer>

Another new website offering information on EMR and health. <http://www.electromagneticman.co.uk/>



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