

Executive Order on AI | EFF on Fiber | Kennedy opposes 5g | “Flying blind here on health” | Verizon’s “Let’s 5g”

PRIVACY

Our data is fodder for artificial intelligence. Artificial Intelligence (AI) is completely dependent on data. The more granular the data, the more capable the AI.

Our data is most easily harvested with wireless connections as we can be tracked 24/7 – wherever we go and whatever we do.

Wireless networks (smart phones and such) stalk us enabling 24/7 tracking us and harvesting our data. (Data is even collected while people are asleep!!) IoT vehicles and “driverless cars” will gather yet more data wirelessly.

Wired networks such as fiber-to-the-home are stationary so not nearly as desirable to industry as wireless. With wired Internet and Telecommunications technology, industry and government miss out on much of our day.

4g/5g “small cells” are needed to feed AI more data.

In fact,

THE AGGRESSIVE PUSH FOR 4G/5G TOWERS – THE SO-CALLED “RACE TO 5G” – IS DRIVEN PRIMARILY BY A DESIRE TO CAPTURE AS MUCH OF OUR DATA AS CONCEIVABLY POSSIBLE FOR AI AND FOR OTHER PURPOSES SUCH AS TARGETED MARKETING, GOVERNMENT SURVEILLANCE, LAW ENFORCEMENT ETC.

With Trump now calling for “continued American leadership in AI” and claiming we need AI for “maintaining the economic and national security of the United States”, this recent Executive Order is bad news for us all, and will likely be used to support the FCC, Congress, States and industry’s preemption program.

Executive Order on Maintaining American Leadership

in Artificial Intelligence Issued on: February 11, 2019 |
President Trump | The White House

Excerpts (Pretty grim!):

“The United States must drive development of appropriate technical standards and reduce barriers to the safe testing and deployment of AI technologies in order to enable the creation of new AI-related industries and the adoption of AI by today’s industries.”

“As directed by the NSPM, the Assistant to the President for National Security Affairs, in coordination with the OSTP Director and the recipients of the NSPM, shall organize the development of an action plan to protect the United States advantage in AI and AI technology critical to United States economic and national security interests against strategic competitors and adversarial nations.

“Within 180 days of the date of the memorandum described in subsection (a) of this section, the heads of implementing agencies [think FCC] that also have regulatory authorities shall review their authorities relevant to applications of AI and shall submit to OMB plans to achieve consistency with the memorandum.

“...the term ‘open data’ shall, in accordance with OMB Circular A-130 and memorandum M-13-13, mean ‘publicly available data structured in a way that enables the data to be fully discoverable and usable by end users.’”

“Promote sustained investment in AI R&D in collaboration with industry, academia, international partners and allies, and other non-Federal entities to generate technological breakthroughs in AI and related technologies and to rapidly transition those breakthroughs into capabilities that contribute to our economic and national security.”

“Reduce barriers to the use of AI technologies to promote their innovative application...”

“To the extent appropriate and consistent with applicable law, heads of AI R&D agencies shall explore opportunities for collaboration with non-Federal entities, including: the private sector; academia; non-profit organizations; State, local, tribal, and territorial governments; and foreign partners and allies, so all collaborators can benefit from each other’s investment and expertise in AI R&D.”

<https://www.whitehouse.gov/presidential-actions/executive-orde>

[r-maintaining-american-leadership-artificial-intelligence/](#)

Electronic Frontier Foundation usually covers privacy in our increasingly tech-infested world. But here is a great piece on the benefits of fiber over the wireless hype pipe dream.

Enough of the 5G Hype Feb. 11th, 2019 | Ernesto Falcon | Electronic Frontier Foundation
Electronic Frontier Foundation usually covers the privacy concerns of our increasingly all things wireless world.

“Ignore the [5g] hype and ask why we are falling behind”

“Wireless carriers are working hard to talk up 5G (Fifth Generation) wireless as the future of broadband. But don’t be fooled—they are only trying to focus our attention on 5G to try to distract us from their willful failure to invest in a proven ultrafast option for many Americans: fiber to the home, or FTTH.”

“...all this hype over 5G networks by these large companies has done little to answer fundamental questions in the U.S. broadband market: why are the largest ISPs not aggressively deploying fiber to the home despite its proven track record of profits and success? How is it that the United States, as the FCC has recently acknowledged, starting to slow down on fiber to the home, whereas the rest of the world moving is faster? Fiber to the home is cheap to upgrade to even higher speeds once it is laid, making it an infrastructure investment that will be good for decades to come. And its top speeds are already dwarfing even the loftiest 5G hyped assertions.”

“anytime the industry is asserting that 5G will revolutionize rural broadband access, they are more than just hyping it, they are just plainly misleading people.”

“While a 100 Mbps (essentially 4G LTE speed) is nice, it is nothing compared to the 10-gigabit fiber networks that exist today”

<https://www.eff.org/deeplinks/2019/02/enough-5g-hype>

HEALTH

“So, we are flying blind here on health and safety”. Senator

Blumenthal commenting on the industry's statement that there are no industry backed studies on 5g.

Senator Blumenthal Blasts FCC and FDA For No Research on 5G Safety Feb. 13th, 2019 | Physicians for Safe Technology

Physicians for Safe Technology has pieced together coverage of Senator Blumenthal's initial request that the FCC provide the "science" upon which the Commission is relying that shows 5g is "safe"; the Commission's subsequent skirting the issue of 5g health; and the recent Senate Commerce Committee hearing in which Senator Blumenthal once again asked about the science.

https://mdsafetech.org/2019/02/13/no-research-on-5g-safety-senator-blumenthal-question-answered/?fbclid=IwAR0xqfnS060Yy5a_bDntoQ06rZGyu84FcVd2uR7zL76W1lY7gLLBsb5Aq9I

Please also see,

BIG WIRELESS CONCEDES: No studies showing safety of 5G Feb. 7th, 2019

https://www.youtube.com/watch?v=vZ5soLrvXFg&t=38s&fbclid=IwAR2xmr7eGG3pXG_s2SSL2rshGo3vR4cKyHoADmsPgl_dQdoV0ZjPx012bXI

ADA Issue:

New: Electromagnetic Sensitivity page with chapter on Symptoms Posted on Feb. 12th, 2019 | Smart Meter Harm

"The new page has information and resources on the Americans with Disabilities Act, including the U.S. definition of 'disability'.

Wireless radiation poses an access barrier to those who are EMS-disabled.

In 2002, the U.S. Access Board recognized electromagnetic sensitivity and that it can be disabling. In 2005, the Board released the Indoor Environmental Quality report with building design and modification recommendations and accommodation suggestions for those with EMS and multiple chemical sensitivities. This report is a "must have" for everyone

struggling with EMS and experiencing restricted access to their community, essential services including medical care and grocery stores, access to city streets and sidewalks, and the most essential of all, the use and enjoyment of their own homes.”

<http://smartmeterharm.org/2019/02/12/electromagnetic-sensitivity-page-chapter-on-symptoms/>

Radiofrequency expert warns 5G radiation could be carcinogenic
Is 5G technology safe? One of the world’s leading radiofrequency experts isn’t so sure, and warns it could be carcinogenic. Feb. 2019 | Miriam Fisher | New.com.au

“News of the rollout of 5G technology across WA has been eagerly received. But is the technology safe? One of the world’s leading radiofrequency experts isn’t so sure. 5G is the 5th generation of mobile networks and represents a significant leap forward from today’s 4G services. It promises to deliver ultrafast speeds with astonishing connectivity, transforming the world around us into a smart one with boundless potential. But not all are welcoming the rollout, amid concerns the technology may pose serious health effects.

Professor Dariusz Leszczynski is one of the world’s leading figures on the impact of radio frequency emissions, and was one of 30 experts who made up the International Agency for Research on Cancer/World Health Organisation 2011 evaluation group that classified all radiofrequency emissions – including parts of 5G – as potential carcinogens.”

https://www.news.com.au/national/western-australia/radiofrequency-expert-warns-5g-radiation-could-be-carcinogenic/news-story/674a14f43905b33e6ab7126d397cf53a?fbclid=IwAR0HNSQcNG4RiJs4D4EuS5CjaqRa_DYMH2sQE_F6qSz63e9GWqVcW0razg4

The Dangers of 5G to Children’s Health Feb. 13th, 2019 | Children’s Health Defense |

“Now, however, a global 5G ‘frenzy’ is upon us and is coming into full force. The rollout of ‘blazing fast’ 5G technology will ‘dramatically increase the number of transmitters sending

signals to cellphones and a host of new Internet-enabled devices.’ The time is ripe for greater grassroots awareness of the undisclosed tradeoffs between convenience and 5G’s potentially catastrophic health effects.”

“... powerful 5G (fifth-generation) networks and technology are about to subject everyone, on a continuous basis, to unprecedented forms and amounts of mandatory irradiation—without prior study of the potential health impact or any assurance of safety.”

<http://childrenshealthdefense.org/news/the-dangers-of-5g-to-childrens-health/?fbclid=IwAR06DwJNUSiZm40pmTdGdYd99QsbRnz99nVWhD9bMoungNBvefbcNWhlAnI>

In light of the harms discussed in the last entry, should we be putting cell tower antennas in front of children’s bedrooms? If you think NOT, consider taking one or more of the following steps:

TAKE ACTION AND ACTIONS TAKEN

PLEASE SHARE THIS POST WIDELY...Pretty please??!!

THIS PREEMPTION BILL IN MARYLAND IS MOVING FAST AND IS SCHEDULED TO BE HEARD THURSDAY. Emails, phone calls, comments, etc. are welcome from all...even those also living outside of Maryland.

Those within driving distance, please try to attend the hearing in Annapolis this Thursday. We need to fill the House – standing room only! Bring family, friends, colleagues, children, babies, animals....(Well...perhaps not animals!) But let’s fill the room to over-flowing!

<https://whatis5g.info/infrastructure/2019/02/urgent-call-to-action-bad-preemption-bill-in-md-just-introduced/?fbclid=IwAR3zrk900cYI07XAWtLDcEB14o09mvtyGNFAo27ShTb-K4fUR7BohsoNyYY>

Three good resources for communities facing 4g/5g

infiltration...(That's all of us!!)

1. Sample ordinance from Americans for Responsible Technology. This ordinance is in full compliance with the September FCC order but still manages to be somewhat protective of the public.

<https://www.telecompowergrab.org/tool-kit.html> (Scroll down on page for the Sample Ordinance)

2. Environmental Health Trust has put together a number of relatively protective ordinances from around the country. The link also includes some recommendations to communities.

https://ehtrust.org/usa-city-ordinances-to-limit-and-control-wireless-facilities-small-cells-in-rights-of-ways/?fbclid=IwAR1qM08HXNAFT-FlFSFeYu5mP_1mC00FDKQtYd7nj1T3aQaFZ6__TKDyb2U

3. Summary of the major issues surrounding the deployment of 4g/5g "small cells". May be used for crafting comments, testimony, letters to city council members, elected reps, or just to learn more.

<https://whatis5g.info/wp-content/uploads/2019/01/Summary-of-5g-issues-for-activists.pdf?fbclid=IwAR3YlNxCZKn-wbmjNmFSOJkFs5P6F0BS80i30k2YurWnmDE0jZrD-ehH3es>

Public safety WILL prevail over corporate greed!!

And please consider encouraging your elected reps to support or cosponsor HR 530!

Congresswomen Eshoo and Speier Introduce HR 530 to Block FCC Cell Tower Preemption Jan. 22nd, 2019 | Physicians for Safe Technology

"In a courageous move to preserve local government control, Federal bill HR 530 was introduced January 14, 2019 in the House of Representatives by California Congresswoman Anna Eshoo, to invalidate the Federal Communications Commission's (FCC) September 26, 2018 ruling to accelerate the deployment of 5G small cells throughout the U.S.

Congresswoman Jackie Speier has co-sponsored the bill. Representative Eshoo stated the FCC had 'failed to

listen to reasonable input from communities across the country, cowered to industry interests, and failed to put the public interests first.’” In a January 15, 2019 press statement Eshoo added, ‘Having served in local government for a decade on the San Mateo County Board of Supervisors, I understand and respect the important role that state and local governments play in protecting the welfare of their residents, ’”

<https://mdsafetech.org/2019/01/22/congresswomen-eshoo-and-speier-introduce-hr-530-to-block-fcc-cell-tower-preemption>

Here is a link to a letter template from the National League of Cities which you can download and modify.

<https://www.nlc.org/sites/default/files/users/user121/HR%20530%20Letter.docx>

Local governments push back on FCC for 5G towers Feb. 11th, 2019 | Patrick Dwire | Press Banner

Actions some cities are taking.

“Municipal and county governments, and now Congresswomen Anna Eshoo, are fighting back against the telecom industry’s interest in limiting local government’s permitting authority for additional cell towers and installation of 5G cell equipment.

Last week the Santa Cruz County Board of Supervisors adopted a resolution of support for House Resolution 530, introduced by Eshoo, D-Atherton, aimed at overturning Federal Communications Commission regulations that curtail the local control of permitting new cell towers and wireless transmitters.”

http://www.goldenstatenewspapers.com/press_banner/news/local-governments-push-back-on-fcc-for-g-towers/article_aa298958-2e27-11e9-81d0-f735d70722d6.html

For more suggested actions and instructions, please see the two (rather lengthy) messages at the end of this update.

Some great memes from Americans for Safe Technology

<https://www.facebook.com/AmericansForResponsibleTech/photos/a.454419445069319/537327116778551/?type=3&theater>

<https://www.facebook.com/AmericansForResponsibleTech/photos/a.454419445069319/537960603381869/?type=3&theater>

<https://www.facebook.com/AmericansForResponsibleTech/photos/a.454419445069319/536864313491498/?type=3&theater>

<https://www.facebook.com/AmericansForResponsibleTech/photos/a.454419445069319/536862940158302/?type=3&theater>

<https://www.facebook.com/AmericansForResponsibleTech/photos/a.454419445069319/529655524212377/?type=3&theater>

WILDLIFE

5g and insects

We, the People... are driving insects to extinction...Posted on Feb. 11th, 2019 Between a Rock And a Hard Place Peer-reviewed journal Biological Conservation has published an article "Worldwide decline of the entomofauna: A review of its drivers" authored by two Australian scientists, Francisco Sánchez-Bayo and Kris A.G. Wyckhuys.

"The 5G radiation exposures, either alone or in combination with other insect-depleting factors presented in the article published in the Biological Conservation, might (will) potentiate the insect-killing properties of our environment." "...a flowerless world with silent forests, a world of dung and old leaves and rotting carcasses accumulating in cities and roadsides, a world of 'collapse or decay and erosion and loss that would spread through ecosystems."

"It is time to act. It is not possible to rely solely on the self-regulation of the telecom industry by itself or by ICNIRP and ICNIRP's front organization – the WHO EMF Project."

(From a scientist who participated in WHO EMF Working Group and has published critical research on this issue.)

<https://betweenrockandhardplace.wordpress.com/2019/02/11/we-the-people-are-driving-insects-to-extinction/?fbclid=IwAR1iQDUalp5eD27b40VFvWaceLRNv-lK9WdcxonAnuEdhDXbJHX4Ps1bVds>

Even environmental groups are doin' it...taking a stand against the 5g assault on our earth and our rights.

“The Sierra Club California Conservation Committee urges the National Conservation Policy Committee to adopt an oppose position to the FCC’s recent promulgation of a rule that waives environmental review, and limits local control, of the deployment of 5G wireless technology and small cell box installations.”

For more on the environmental impacts of 5g, please see:

<https://mdsafetech.org/environmental-and-wildlife-effects/>

<https://whatis5g.info/environmental-impacts/>

<https://ehtrust.org/science/bees-butterflies-wildlife-research-electromagnetic-fields-environment/?fbclid=IwAR126PFxRi8vl0beITL0wilrnHRjlZksgbZIEtyPtxNYkaGfzmIvC1aUAte>

[environment/?fbclid=IwAR126PFxRi8vl0beITL0wilrnHRjlZksgbZIEtyPtxNYkaGfzmIvC1aUAte](https://ehtrust.org/science/bees-butterflies-wildlife-research-electromagnetic-fields-environment/?fbclid=IwAR126PFxRi8vl0beITL0wilrnHRjlZksgbZIEtyPtxNYkaGfzmIvC1aUAte)

The complete resolution can be downloaded at: <http://bit.ly/SierraClub5Gresolution>.

Though number 10 on NRDC’s list, health did make the top 10. (See the following entry)

Sharon Buccino posted the following blog in regards to the National Resource Defense Council’s case against the FCC case re 5G cell towers.

5G and the FCC: 10 Reasons Why You Should Care Feb. 13th, 2019 | Sharon Buccino | NRDC Blog

“While the FCC has limited the review by others, the Commission at the same time has refused to update its own health and environmental standards. The Commission’s standards date from the 1990’s. In 2012, the General Accountability Office found that the existing standards may not reflect current knowledge and recommended that the FCC formally reassess its standards. The FCC’s standards address only one aspect of potential harm from electromagnetic radiation—heat.

The current standards do not address other ways in which exposure to increasing electromagnetic radiation from wireless communications can harm human health, as well as the natural systems around us on which all life depends.” They even discussed the NTP study. <https://www.nrdc.org/experts/sharon-buccino/5g-and-fcc-10-reasons-why-you-should-care>

INDUSTRY HYPE

Let's 5G!! (Actually, let's not and say we did!!) New website and campaign by Verizon.

“Let's 5G! is a Verizon-led advocacy initiative working to accelerate the deployment of 5G wireless networks and the many next-generation benefits they will enable. Our mission is to engage with citizens and community stakeholders across America to provide information on how 5G works, explain the impact it will have on people, businesses and communities, and build public support for the expansion of 5G networks.”

https://lets5g.com/about/?fbclid=IwAR3CwJJ2vP_pC8tXXTeJweuQU0vdenpvDUVN-2xxJVpW8hU51gkCrtD5Ngo

A team all the way from Blue Mountains Australia sent the following letter to the Maryland legislators regarding HB 654, Maryland's 5g wireless bill. I am deeply moved by how activists from around the globe are supporting one another's work. I think that will be a key ingredient to our success.

Lovely email from the Blue Mountain's team:

Greetings

We are a group of people who are taking action in the Blue Mountains Australia to stop the introduction of 5g. We have been informed of your situation.

Our numbers are growing each day as more and more people look at the available research and concern regarding 5g.

People in position of power who have been made aware of the dangers of 5g and who then refuse to take preventative action to protect their communities may in future face legal liability for their breach of duty of care.

We would humbly ask that you Do Not Pass HB 654 do what you can to stop 5g.

The Blue Mountains No 5G Team

Message from Catherine at Electrosmog Pollution:

Please take a moment to contact the Senate Committee on Commerce, Science, and Transportation and ask that they place a moratorium on implementation of 5G and hold a hearing to receive testimony from scientists about the very real health and environmental hazard 5G and the IoT pose.

Recommend that the Committee contact Environmental Health Trust (www.EHTrust.org) for a list of scientists who should testify. Phone contact information is below for the Senate Committee.

If your own lawmaker is on the committee, please also contact them directly and ask that they push for hearings on the health and environmental effects of 5G.

Thank you!

Catherine

Here are a couple of talking points for when you make the call:

1) Experts are calling for wireless (radiofrequency/microwave) radiation to be classified as carcinogenic, a designation supported by epidemiological and double-blind studies.

- 2) Congress should not support universal exposure to a carcinogen that also causes adverse biological effects that are detrimental to human health and the environment.
- 3) 5G technology will dramatically increase exposure to wireless radiation due to the dramatic increase in connectivity and the need for numerous so called "small" cell towers.
- 4) 5G technology incorporates the addition of wireless radiation in a frequency range that the military uses as a weapon due to its detrimental effects.
- 5) 5G will vastly increase energy consumption.

Refer them to www.EHTrust.org and www.WhatIs5G.info for more information. Ask that they contact the Environmental Health Trust to connect them to experts they should ask to testify on this issue.

A few more resources for taking action:

http://www.electrosmogprevention.org/stop-5g-action-plan/10-actions-to-help-stop-5g/?fbclid=IwAR0dwEg_RZNZaxUrqii0R19-Meffdcsi0wLeugfaprGgLAT5y3P7fvkVEtg
<https://www.lasttreelaws.com/ordinances.html>

Tell your Members of Congress to stop the FCC's one-size-fits-all 5G preemption in its tracks. Write a letter asking your federal elected officials to support H.R. 530, the Accelerating Wireless Broadband Development by Empowering Local Communities Act of 2019.

http://advocacy.nlc.org/app/onestep-write-a-letter?0&engagementId=495854&fbclid=IwAR3gf_S8rsdqlq5chzk9qSgJbo1yIxyT__lyhTQti2kCCFNi4iaXrVCs6hw

Message to activists regarding dockets on two way radios in new vehicles. (More IoT insanity.) Consider submitting comments.

The DOT has a Docket Open and Comments are due by Feb 25th. As you know the National Highway Traffic Safety Administration (NHTSA) has a docket open that is set to mandate two way radios in every new car and "basic safety messaging", see Docket NHTSA-2016-0126 here for details.

<https://www.regulations.gov/docket?D=NHTSA-2016-0126> The comment period is long over, although they have left the comment button on and you can still comment on that docket.

The only reason that docket hasn't been completed is that there is an industry fight over the radio to be used. The current docket requires DSRC radios and the wireless industry is not happy and they want cellular options so they can get a piece of the pie. Therefore the DOT opened another **Docket called V2X Communications, Docket ID: DOT-OST-2018-0210** which can be found here <https://www.regulations.gov/docket?D=DOT-OST-2018-0210> **This Docket comment period is closing soon on February 25, 2019.** Please consider submitting a short comment. The submission page is very easy to put a comment on, much easier than the FCC web portal.

A simple message is all we need from a lot of people. It could be as simple as

1. I do not want to have or pay for connected vehicles and their required infrastructure.
2. The only acceptable radio in cars are the ones that can be easily turned off or removed.
3. Technology is not better than human drivers.

Please make your voices known. These cars are going to be killers.

Go to this link to comment – click on the “Comment Now” button that has comments close Feb 25

<https://www.regulations.gov/docket?D=DOT-OST-2018-0210>

Sample comment submitted today:

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The Docket Summary states:

“Over the past several years, the Department of Transportation and its operating administrations have engaged in numerous activities related to connected vehicles,

including vehicle-to-vehicle (V2V), vehicle-to-infrastructure (V2I), and vehicle-to-pedestrian (V2P) communications, collectively referred to as “V2X” communications. “

Let me point out that the one critical activity the DOT did not do yet. They did not ask the people – yes the actual drivers – whether they wanted connected cars and whether they wanted to pay the enormous costs of the infrastructure to support such a project. I offer my vote – NO – I do not want it and deeply resent your activities to mandate these radios in our cars.

Second, this document discusses whether we should use DSRC or V2X communications. As a member of the public I vote for any radio that will be easily able to remove or disable. That is the best radio.

Third, you need to understand that there is a percentage of our population that are electrosensitive and their bodies can not tolerate to be in close proximity to them. Don't take my word for it, let me quote the Cities of Boston and Philadelphia from their comments submitted to FCC Docket 13-84 where they state:

“The FCC admits its own lack of expertise in the field. But the overlap of federal agency responsibilities for RF radiation protection and the merely advisory status of the Radiofrequency Interagency Work Group often leaves leadership unclear and encourages a pass-the-buck attitude ...

The 1999-2000 judicial challenge to the FCC's 1996 rules never reached the issue of “electrosensitivity” as a cognizable disability under the Americans with Disabilities Act. (“ADA”) Here again, an agency responsible for ADA implementation acknowledges that the impairment may be disabling but has promised merely further inquiry. After more than a decade, that investigation remains unopened. The dockets here have been updated with massive additional evidence of the crippling effects of RF radiation on an admitted minority – but a suffering minority – of U.S. citizens. The FCC and its sister regulatory agencies share

responsibility for adherence to the ADA and should replace promises with serious attention to a serious medical problem. This is one area where the FCC could lead in advice to electrosensitive persons about prudent avoidance.” <http://bit.ly/1kAYSu7>

A suffering minority, let that sink in. Placing the massive amount of radios and radar in these cars is going to kill them. Show some compassion. What you are planning to do is analogous to a school district claiming all kids must eat lunch in school, the school will set the menu, Thursdays will be peanut butter & jelly sandwiches and every child must eat it – no exceptions. We will stick Child Protective Services on all parents who try and home school their children with peanut allergies.

Technology is not safer than Humans.