

*Away from the “Internet of Ecocide”:  
inviting radically open participation  
in Internet protocols standardisation*

*or:*

*Living Planet meets Open Standards*

*or:*

*Fun With RFCs*

AMRO, Linz :: 10 May 2024

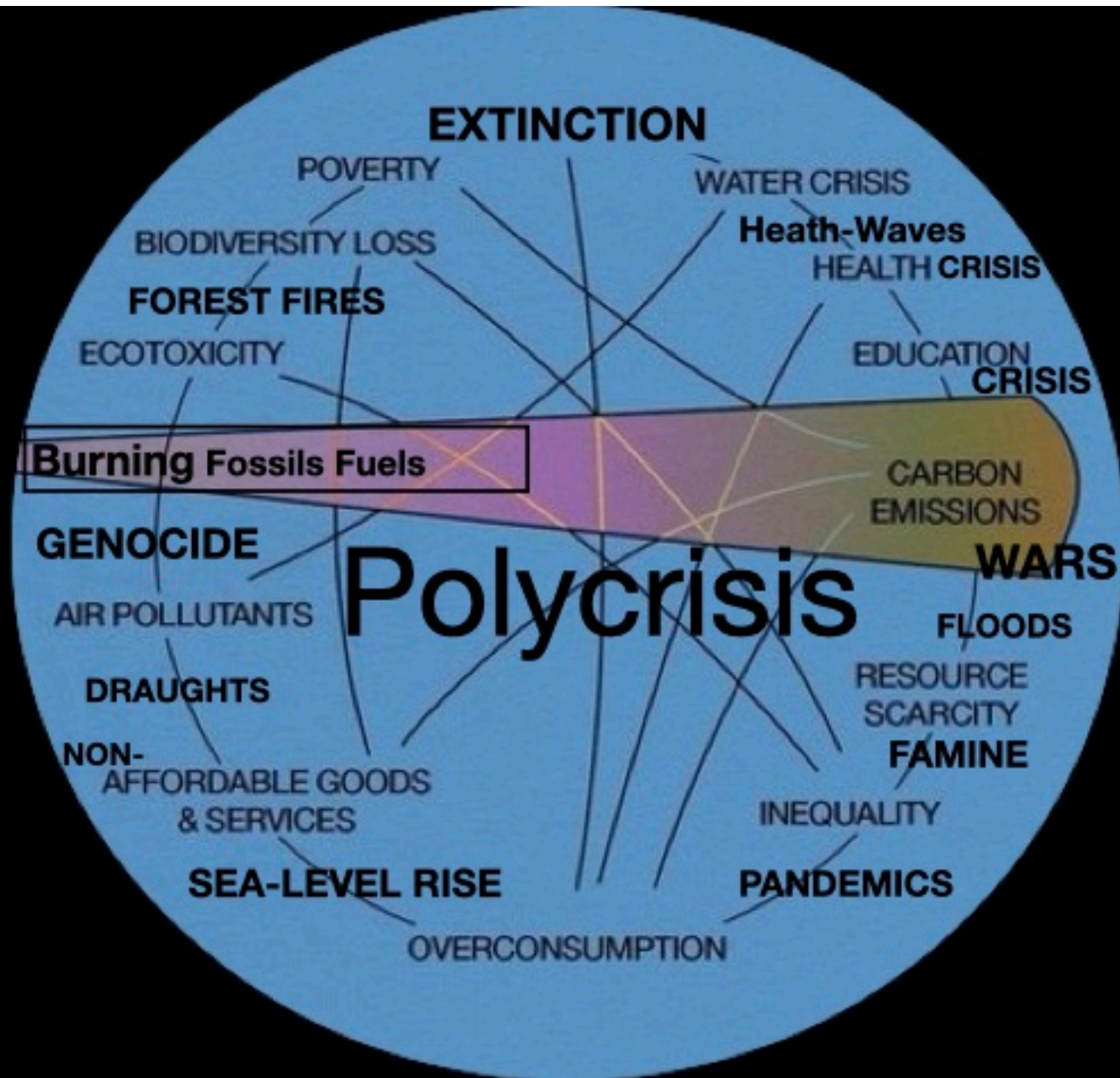
<https://art-meets.radical-openness.org/2024/>



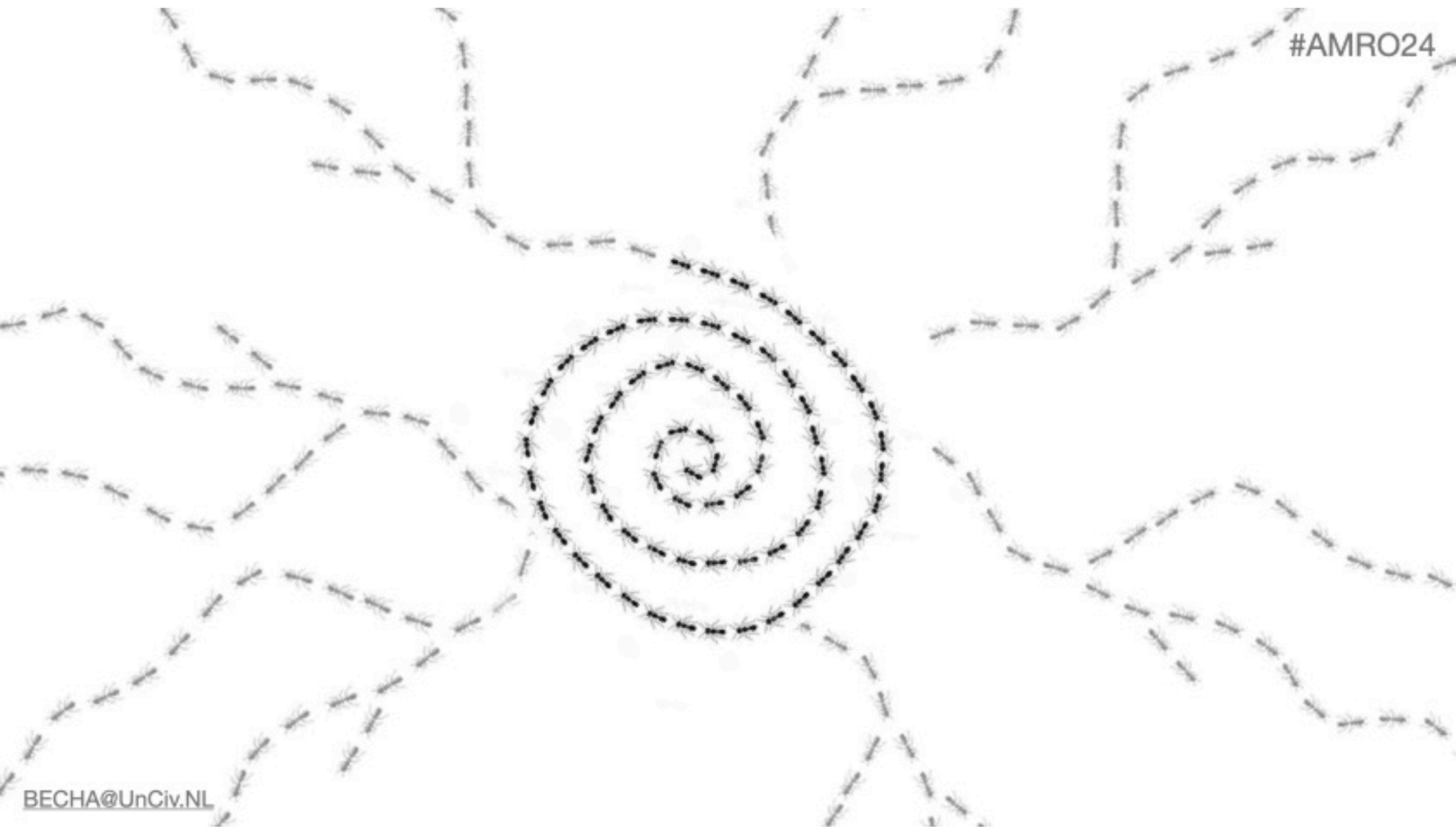
Vesna Manojlović

**[BECHA@UnCiv.NL](mailto:BECHA@UnCiv.NL)**

**<https://becha.unciv.nl/>**



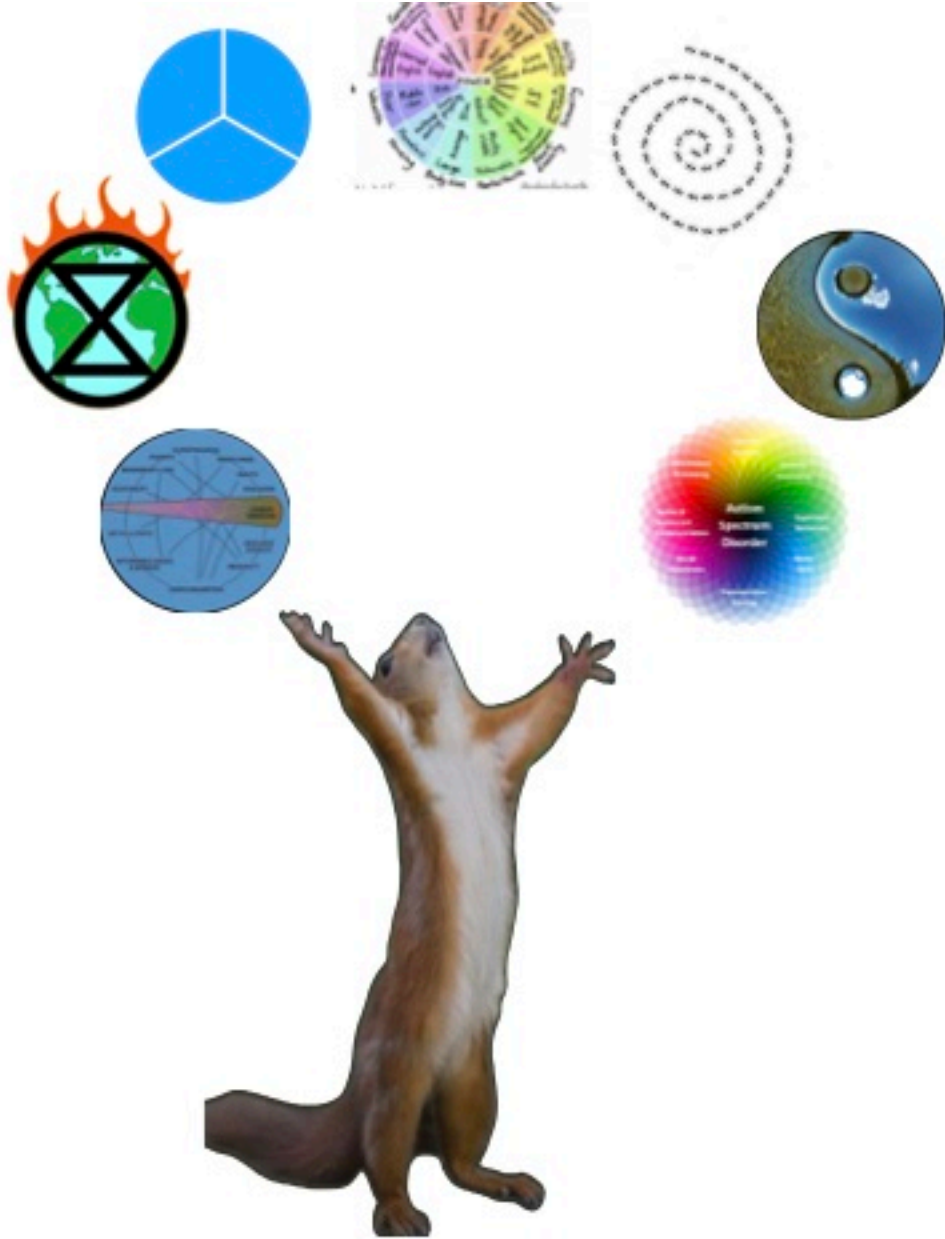
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# Crossroads

- Death spiral of:
  - anthropocentrism, extractivism, individualism, consumerism...
  - supremacies, oppressions, hierarchies, dominations, inequalities...
  - control, surveillance, exploitation, addictions, extremisms...
  - privatising, profits, conquests, imperialism, colonialism, corruptions...
  - fallacy of progress, fallacy of (infinite) growth, fallacy of saviours...
  - body-mind division, violence, private property, slavery...







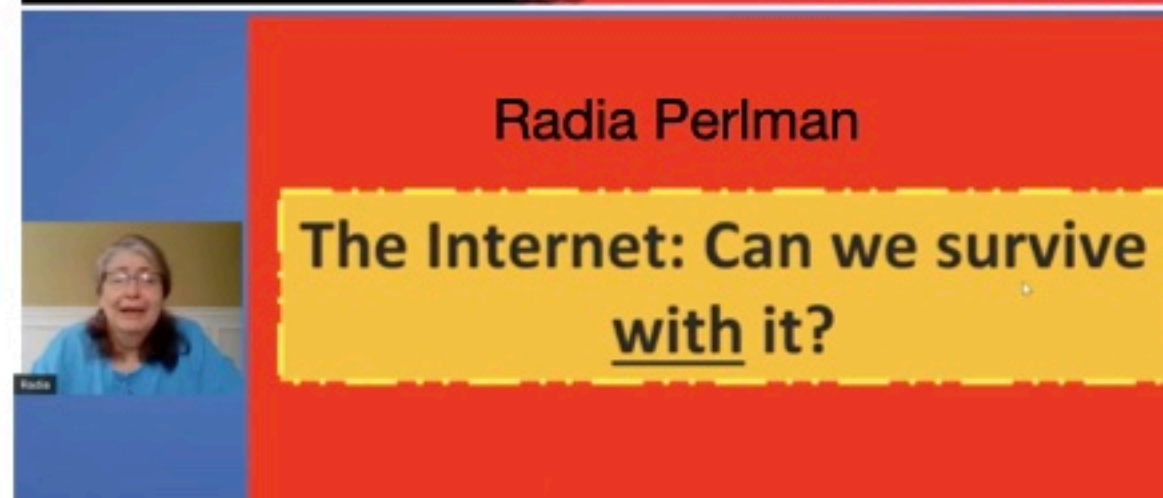
We live in capitalism, its power seems inescapable - but then, so did the divine right of kings. Any human power can be resisted and changed by human beings. Resistance and change often begin in art. Very often in our art, the art of words.

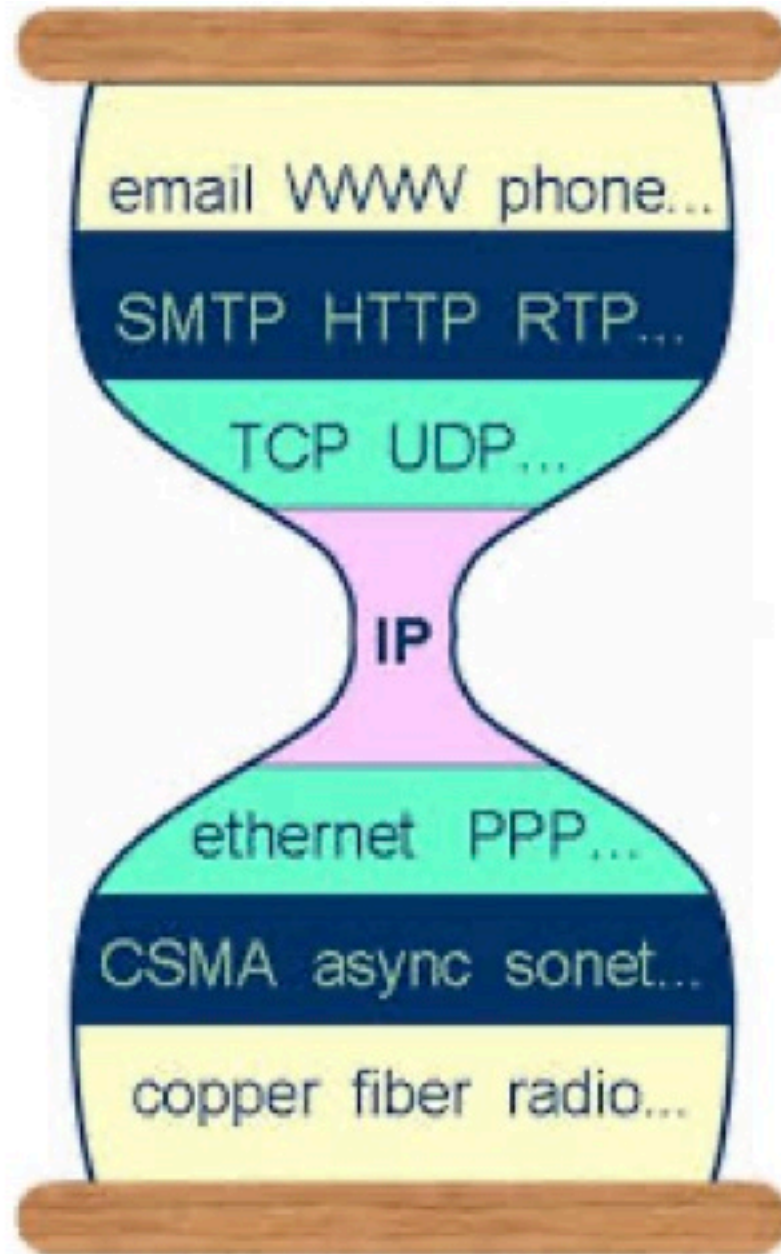
— Ursula K. Le Guin —

AZ QUOTES



<https://archive.org/details/governingthecommons>





# Against Techno-Optimism!

- Internet **INFRASTRUCTURE** (as opposed to “web”/applications)
- **Layered** architecture, enabling: “network of networks”
  - end-to-end connectivity, “permission-less innovation”, decentralisation
- Tech/Science/‘Net has **NOT fulfilled its emancipatory promises:**
  - education, empowerment, equality, liberation, “democracy”, social justice ...
- Instead: cat videos & ecocide





# “Data is the New Oil”

THE INTERNET USES A HUGE AMOUNT OF ENERGY. THIS IS DUE TO TWO KEY FACTORS:

## MANUFACTURING AND SHIPPING



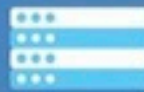
Technology companies must manufacture and ship the internet's hardware including:



COMPUTERS



SMARTPHONES



SERVERS

## POWERING AND COOLING



Computers and smartphones must be powered and cooled, drawing electricity from local grids.

This power is generated in different ways with varying emissions.<sup>1</sup>



COAL



NATURAL GAS



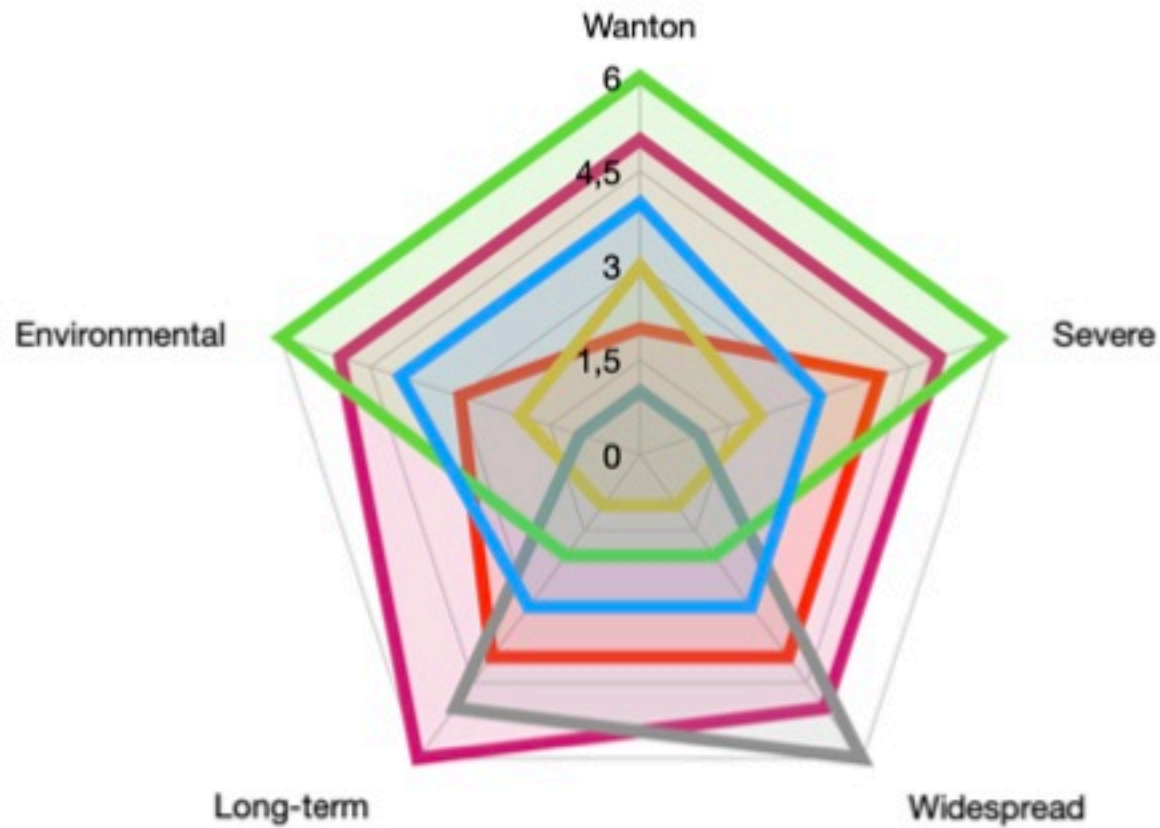
NUCLEAR



RENEWABLES

# Internet is Ecocide

AI / LLM   Bitcoin   Networks   5G   Data Centers   e-waste



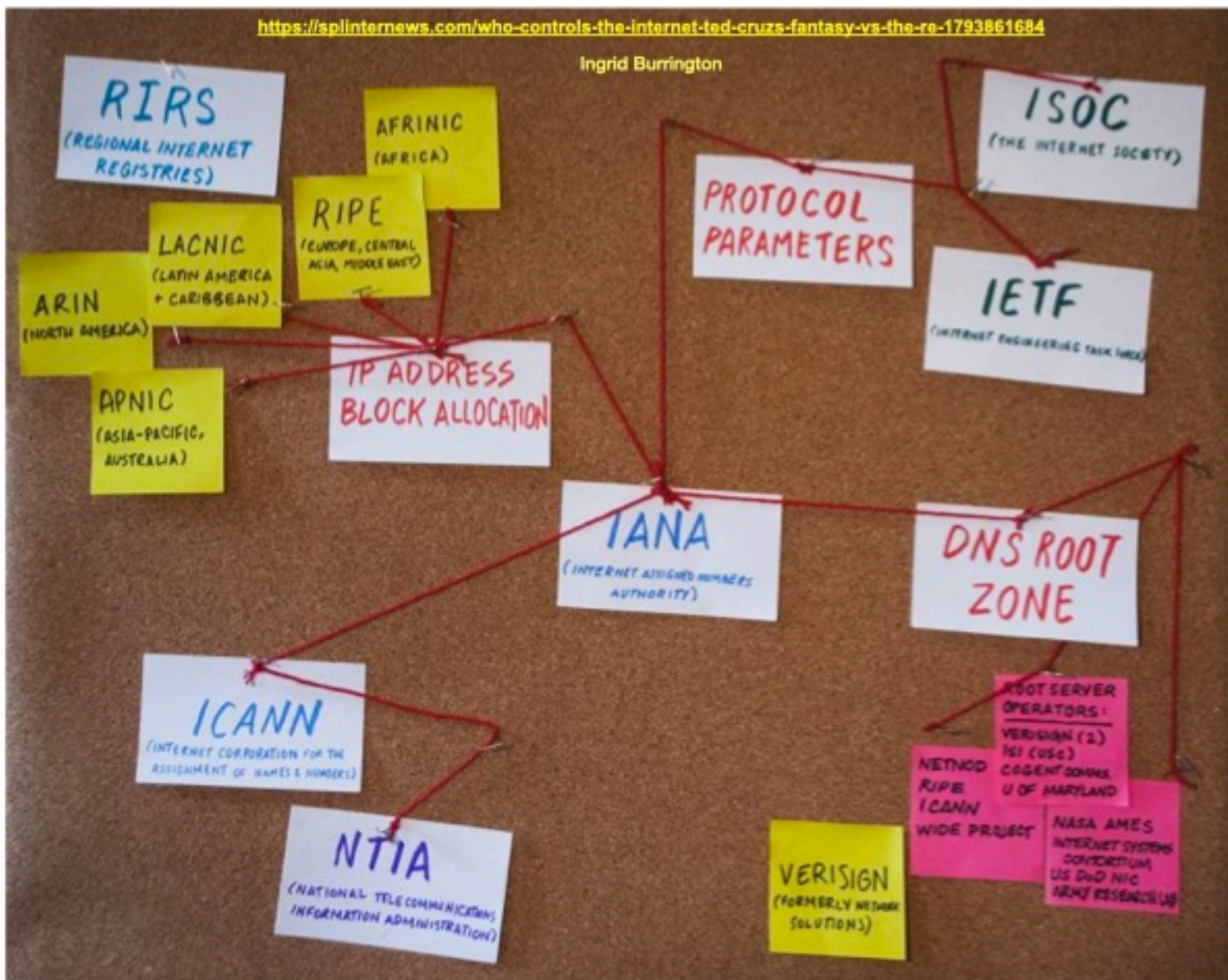
# Against Ecocide

- ^^ based on: “Computing as Ecocide”, by Rob Comber and Elina Eriksson: <https://limits.pubpub.org/pub/a8h46wqy/release/1>
- My article: <https://www.project-syndicate.org/magazine/ai-climate-change-what-role-paris-targets-2023-09>
- My collection of links: [https://wiki.techinc.nl/User:Becha/AI\\_is\\_ecocide](https://wiki.techinc.nl/User:Becha/AI_is_ecocide)
- Newest article by Reynard Loki <https://www.counterpunch.org/2024/05/02/should-harming-the-planet-be-a-crime-the-case-for-ecocide-laws/>



Ingrid Burrington

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# Internet Governance Links

- [https://wiki.techinc.nl/Internet\\_Governance\\_and\\_hackers](https://wiki.techinc.nl/Internet_Governance_and_hackers)
  - <https://wiki.techinc.nl/index.php/User:Becha/InternetPlumbing>
  - <https://internet.exchangepoint.tech/internet-governance-roadmap-2024/>
  - <https://datatracker.ietf.org/meeting/interim-2024-iab-07/materials/slides-interim-2024-iab-07-sessa-internet-governance-now-00>
  - <https://www.apc.org/en/news/bringing-gender-justice-lens-uns-global-digital-compact>
- Misc. Organisations:
- [isoc.org](https://isoc.org)
  - <https://labs.ripe.net/nogs/>
  - <https://www.dns-oarc.net/>
  - <https://www.centri.org/>
  
  - <https://www.peeringdb.com/>
  - <https://www.euro-ix.net/>
  
  - <https://etno.eu/>
  - <https://www.gsma.com/>
  - <https://www.eudca.org/>



# More Internet Governance Links

- CENTR: [https://centr.org/images/CENTR\\_Why\\_We\\_Need\\_Multistakeholder\\_Internet\\_Governance.pdf](https://centr.org/images/CENTR_Why_We_Need_Multistakeholder_Internet_Governance.pdf)
- W3C: <https://www.w3.org/> (& <https://berjon.com/w3c-governance/>)
- FLOSS : <https://writefreesoftware.org/> & [FOSDEM.org](https://fosdem.org/)
  - <https://hamishcampbell.com/some-aspects-of-the-geekproblem/>
- "Feudalism" <https://newpublic.substack.com/p/the-internet-was-supposed-to-be-democratic>
- AI: <https://www.dair-institute.org>
- Fediverse/Activity Pub: <https://socialhub.activitypub.rocks/>
- <https://www.internetgovernance.org/2024/05/08/the-disappointing-netmundial10/>

# WHEEL OF POWER/PRIVILEGE



# Fallacy of “Openness”

- [https://wiki.techinc.nl/Ladies\\_Night](https://wiki.techinc.nl/Ladies_Night)
- <http://becha.home.xs4all.nl/hackerspaces-patriarchy-equality.html>
- Allison Parrish: “Programming is Forgetting: Toward a New Hacker Ethic” (2016)  
<http://opentranscripts.org/transcript/programming-forgetting-new-hacker-ethic/>
- Debbie Chachra <http://www.theatlantic.com/technology/archive/2015/01/why-i-am-not-a-maker/384767/>
- Flavia Dzodan <https://artificeofintelligence.org/non-consensual-bots-and-personal-space/>





# Internet Governance & Technical Standards

- **Needs:**

- “new energy”, creative ideas, alternative views
- participants / speakers for events
- contributions to mailing lists & forums

- **Offers:**

- travel grants, fellowship & mentoring, interns positions
- “academic cooperation” programmes
- training & workshops & education materials
- hackathons

- **Events:** <https://wiki.techinc.nl/User:Becha/climate-justice-in-tech-events-calendar>

- <https://wiki.techinc.nl/Sustainability#Events>



# RIPE Working Groups

[Address Policy Working Group](#)

[Anti-Abuse Working Group](#)

[Connect Working Group](#)

[Cooperation Working Group](#)

[Database Working Group](#)

[DNS Working Group](#)

[Internet of Things Working Group](#)

[IPv6 Working Group](#)

[MAT Working Group](#)

[Open Source Working Group](#)

[RIPE NCC Services Working Group](#)

[Routing Working Group](#)

- <https://academy.ripe.net/ripe-wg-chairs>
- The RIPE Community and its Structure
- The Role of the RIPE WG Chair
- How is Work done in RIPE Working Groups?
- How do you keep a WG working?
- How are RIPE policies made?
- Building consensus
- Making Sure Everyone Is Respected And Included
- How do I Become a Working Group Chair?
- RIPE / NCC: [forum.ripe.net](https://forum.ripe.net)

# RIPE & Diversity

- Diversity <https://ripe.net/diversity>
- Academic **Grants**: <https://ripe.net/raci>
- Travel **Grants**: <https://ripe.net/fellowship>
- Community Projects **Fund**: <https://ripe.net/cpf>
- Free learning: <https://ripe.net/training>
- FLOSS Hackathons: <https://labs.ripe.net/hackathons/>
- [https://labs.ripe.net/author/gergana\\_petrova/diversity-at-ripe-meetings-academics-newcomers-women/](https://labs.ripe.net/author/gergana_petrova/diversity-at-ripe-meetings-academics-newcomers-women/)



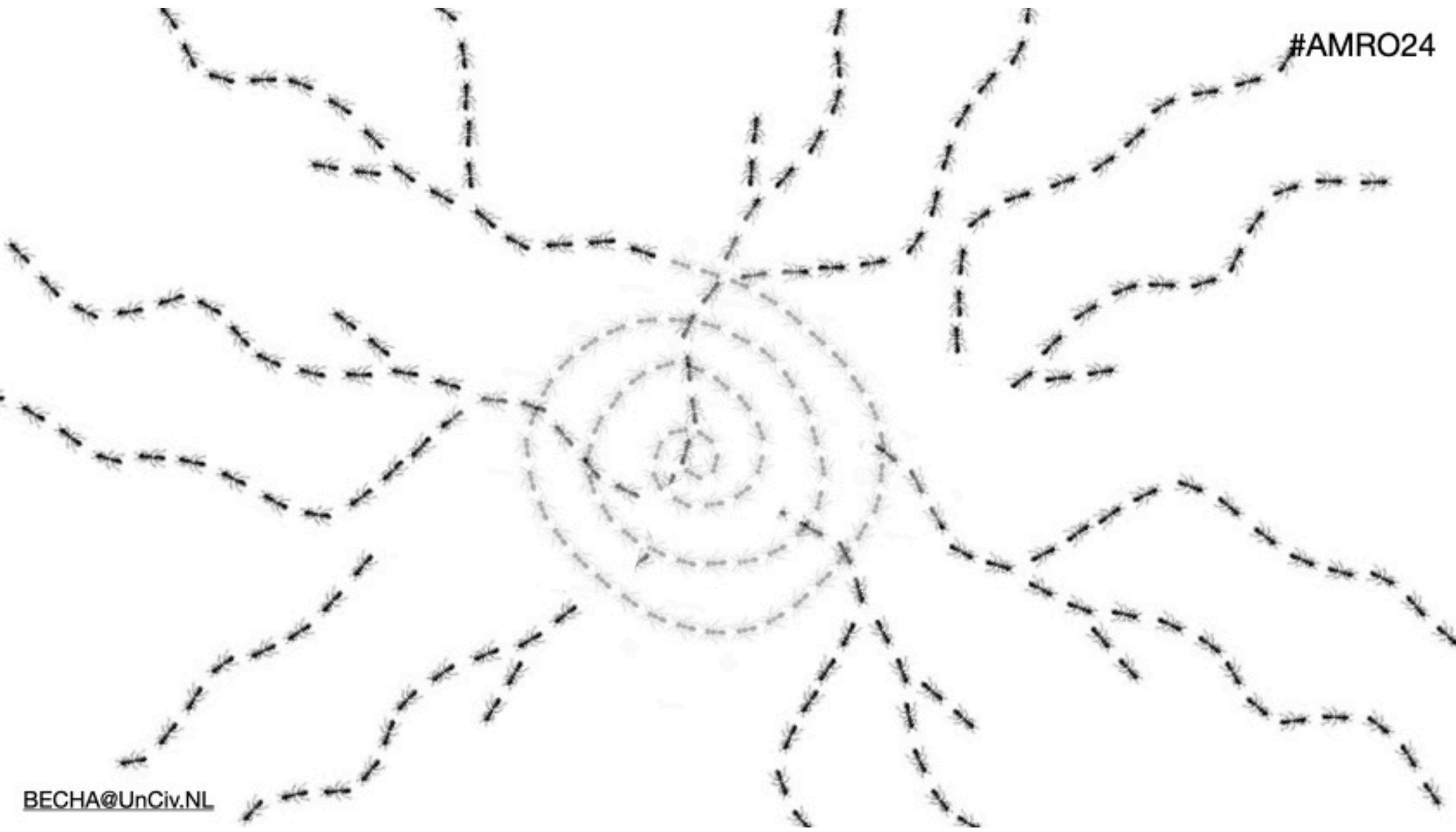
# IETF & “Diversity”

- <http://ietf.org/diversity/>
- <https://criticalinfralab.net/wp-content/uploads/2023/06/LoudMen-CorinneCath-CriticalInfraLab.pdf>
- <https://www.ietf.org/blog/report-experience-of-women-participating-in-the-ietf/>
- Syssters: <https://www.ietf.org/participate/ietf-systers/>
- <https://www.irtf.org/travelgrants/>
- <https://www.ietf.org/meeting/hackathons/>
- ISOC: <https://www.internetsociety.org/fellowships/mid-career>
- ICANN: <https://www.icann.org/fellowshipprogram>



# Vesna's Links: "Green Tech"

- 2024: <https://wiki.techinc.nl/Sustainability>
- 2023: <https://labs.ripe.net/author/becha/environmental-impact-of-internet-urgency-de-growth-rebellion>
  - & slides: [https://wiki.techinc.nl/File:Xs-vesna-e\\_impact-ripe86-short-and-long.pdf](https://wiki.techinc.nl/File:Xs-vesna-e_impact-ripe86-short-and-long.pdf)
- 2021: Resilience in Tech Communities: Nature is Healing <https://labs.ripe.net/author/becha/ripe-community-resilience-nature-is-healing/>
- 2014: Nature will have the last word, RIPE69 [https://wiki.techinc.nl/index.php/File:Nature-speaking-on-future\\_of\\_the\\_internet-RIPE69.pdf](https://wiki.techinc.nl/index.php/File:Nature-speaking-on-future_of_the_internet-RIPE69.pdf)



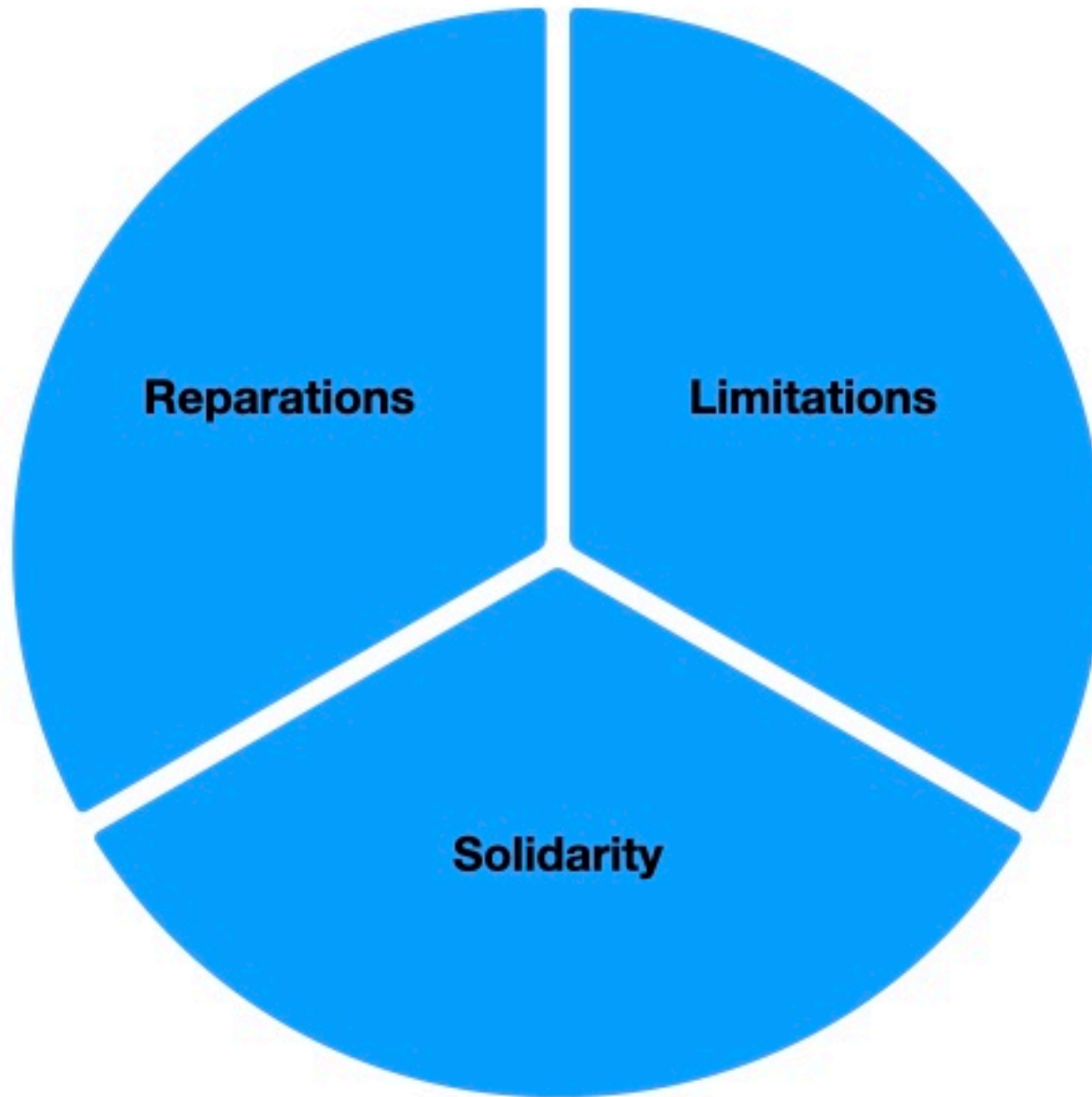
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# Alt. Crossroads to Utopia

- Climate Justice
- Counter-Computings
- DeGrowth
- Aware Academics
- (science) / Climate Fiction
- SolarPunk / LunarPunk
- Re-Topia
- Rebellion
- Art
- Activism
- Anarchism
- Animism





# Climate Justice in Tech

- <https://labs.ripe.net/author/becha/towards-climate-justice-in-tech/>
- Limiting extractivism & decreasing growth
- Reparations: giving back to the most affected communities
- Acting in solidarity with the frontline communities & centering marginalised groups; mutual aid

# COUNTER COMPUTING: <https://counter-n.net/>



- → decolonial computing, Stefanie Wuschitz,
- → insurgent computing, Anna Engelhardt
- → minimal computing, Andrew Lison
- → permacomputing, Marloes de Valk, Ville-Matias Heikkilä
- → more-than-binary computing, Juan Pablo García Sossa
- + frugal computing, Wim van der Bauwhede
- + junkard computing, Jennifer Switzer
- + off-the-grid / SolarPunk & <https://doingthedoughnut.tech/>
- + low-tech, “green tech”, slow tech, durable tech, circular tech
- + <https://art-meets.radical-openness.org/2024/program/reorganizing-the-internet/>

# Inspiring Examples



- Reduce, Repair, Repurpose, Recycle (equipment)
- Community Networks, Mesh, Low-power networking, disaster-recovery net
- Decolonising the Internet, Feminist Internet, Solar Internet
- Low-tech, Slow tech, Retro-tech, Green Tech, Appropriate Technology
- Counter Computings: Frugal-, Convivial-, Benign-, Permacomputing
- Self-hosting, federation, decentralised networks

# Principles of Degrowth



## Sustainability

Never deteriorate supporting ecosystems



## Circularity

Waste not, want not



## Cooperation

People and planet, not profit



## Useful Production

What is not needed should not be made



## Sharing

Sufficiency for all, excess for none



## Local Production

Produce local, consume local



## Work-Life Balance

Work less, play more



## Relational Goods

Less stuff, more relationships



## Joie De Vivre

If I can't dance, I don't want to be part of your economy!

Source: <https://telarchives-ouvertes.fr/tel-02499463/document>



# DeGrowth Links

- A Degrowth Perspective on Artificial Intelligence - Analysing the Appropriateness of Machine Learning to a Degrowth Context <https://www.research-collection.ethz.ch/handle/20.500.11850/622669>
- Degrowth can work — here's how science can help: <https://www.nature.com/articles/d41586-022-04412-x>
- Digital Degrowth [https://zagreb.degrowth.net/en/9\\_int\\_dg\\_conf/public/events/184](https://zagreb.degrowth.net/en/9_int_dg_conf/public/events/184)
- Academic Journal on Degrowth (May 2023) : feminist, anarchist, decolonial views <https://www.degrowthjournal.org/issues/2023-volume-1/>
- Combatting climate change & #Polycrisis means embracing degrowth <https://climateactionaustralia.wordpress.com/2023/01/22/why-combatting-climate-change-means-embracing-degrowth-polycrisis/>
- <https://www.noemamag.com/degrowth-in-japan>
- <https://jornbettin.com/2023/07/04/enough/>



# Join Activist Communities

- [APC.org](https://apc.org) & <https://feministinternet.org/>
- [RightsCon.org](https://rightscon.org)
- Bits und Bäume : <https://bits-und-baeume.org/en/>
- Scientists Rebellion : <https://ScientistsRebellion.com>
- [digital-rights-climate-justice@groups.io](mailto:digital-rights-climate-justice@groups.io)
- [Rebellion.Global](https://rebellion.global)
- Counter Cloud Action Day <https://diagram.institute/12o/>
- Digital Depletion Strike <https://multiplace.org/8m>

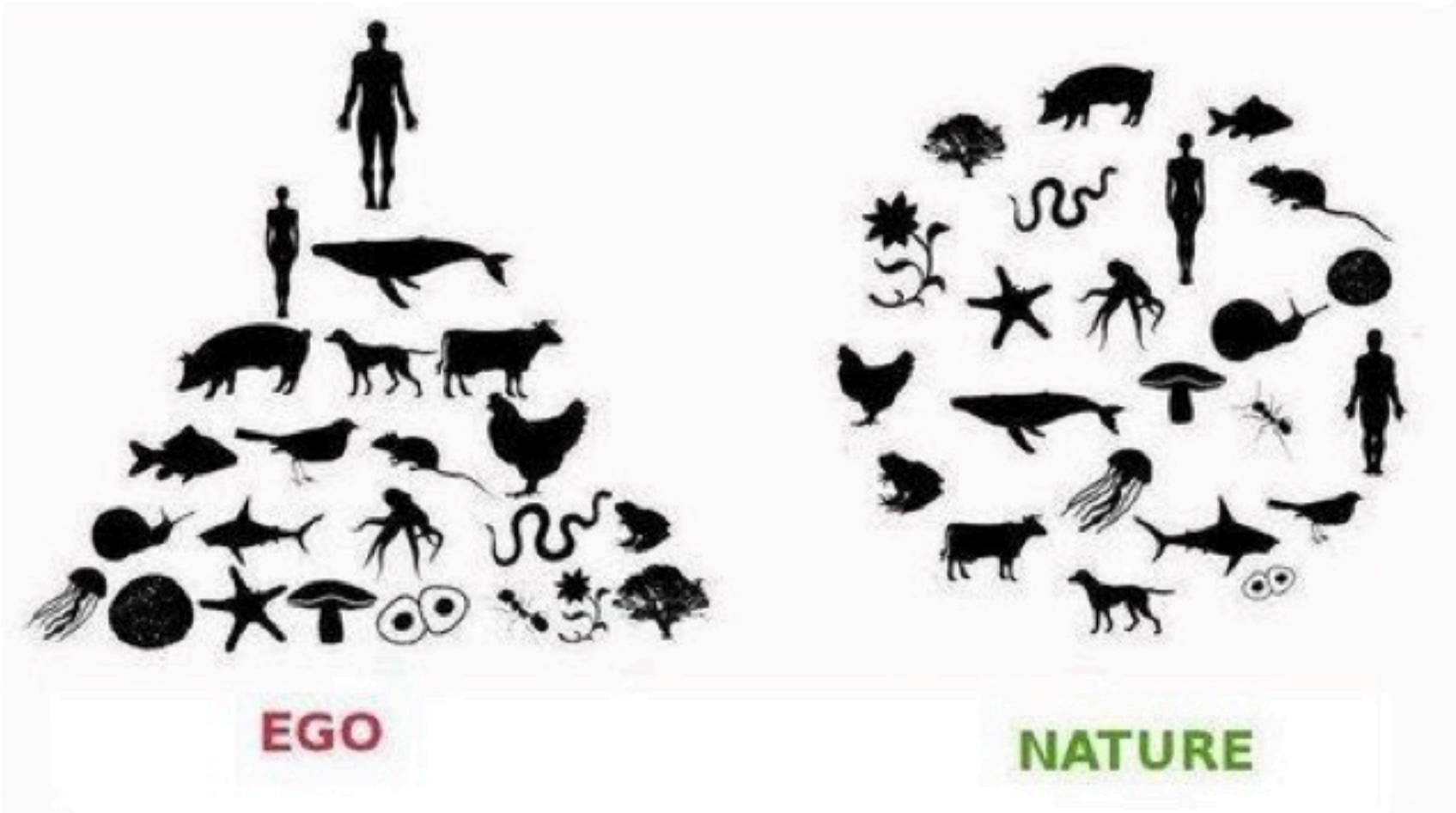




# Against Big Tech

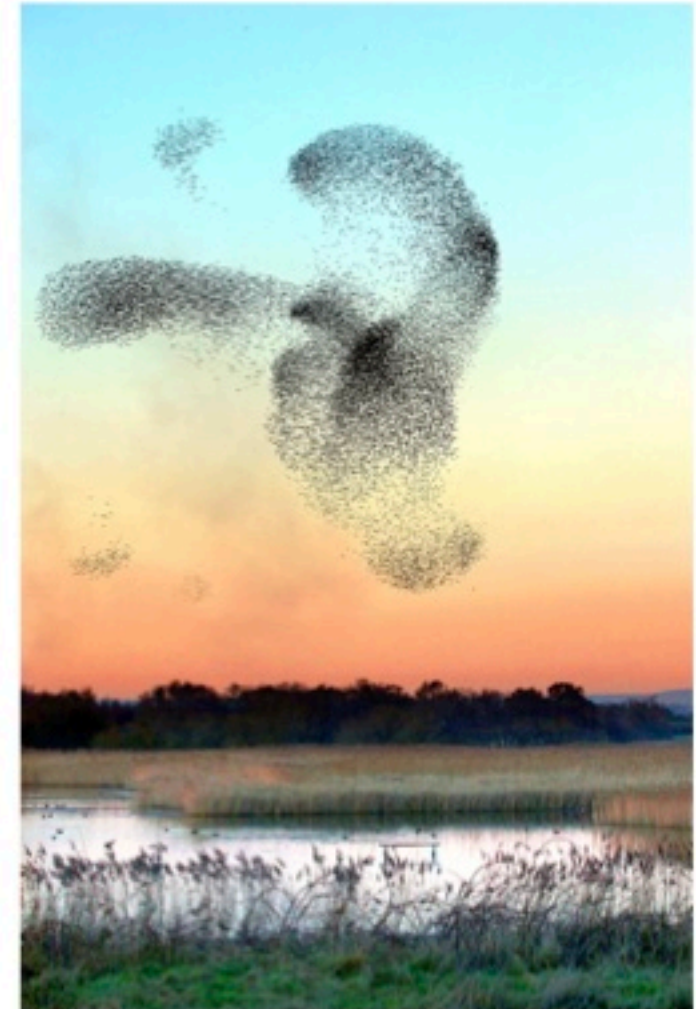
- Digital Disobedience <https://wiki.techinc.nl/User:Becha/DigitalDisobedience>
- Against Cloud: [https://wiki.techinc.nl/MeshNet#Cloud\\_Problems](https://wiki.techinc.nl/MeshNet#Cloud_Problems)
- Against Data Centers: [https://wiki.techinc.nl/Sustainability#Data\\_Centers](https://wiki.techinc.nl/Sustainability#Data_Centers)
- Against Techno-Colonialism [https://wiki.techinc.nl/Hackers\\_tribes#Decolonising\\_Internet](https://wiki.techinc.nl/Hackers_tribes#Decolonising_Internet)
- Against Centralisation / Consolidation: [https://wiki.techinc.nl/MeshNet#Email\\_Problems](https://wiki.techinc.nl/MeshNet#Email_Problems)

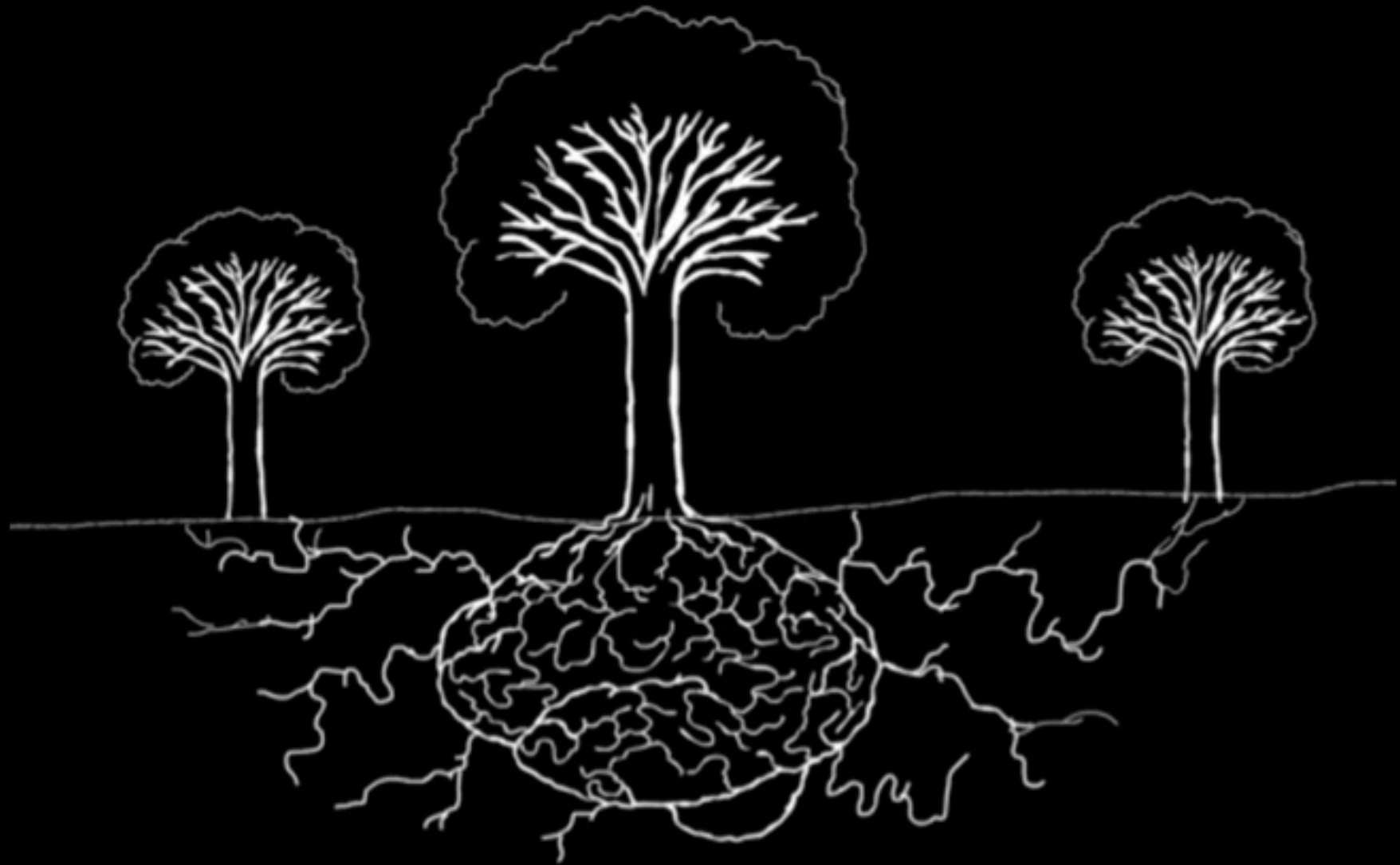




# Sacred InterDependences

- Dreamtime
- Martín Prechtel, Tzutujil shaman <https://www.thesunmagazine.org/issues/304/saving-the-indigenous-soul>
  - *the spiritual debt that must be paid for the creation of technology (e.g. knife)*
  - *hollowness that's been carved out of the universe by human ingenuity, and so must be refilled with human ingenuity. A ritual gift equal to the amount that was removed from the other world has to be put back to make up for the wound caused to the divine.*
- Batja Mesquita, (emotions) "Between Us"
- "Group Empathy" [https://wiki.techinc.nl/Hackers\\_tribes#Group\\_Empathy](https://wiki.techinc.nl/Hackers_tribes#Group_Empathy)
- Starhawk: "Fifth Sacred Thing" <https://starhawk.org/writing/books/the-fifth-sacred-thing/>
- Daniel Quinn, "The Story of B" <http://www.davidsheen.com/b/>
- Philip Shepherd: "Radical Wholeness" : <https://embodiedpresent.com/>
- Tricia Hersey: Rest is Resistance <https://thenapministry.com/>
- Neurodiversity: <https://autcollab.org/knowledge-repository/ecologies-of-care/>





# Alternative Narratives

- "...a society predominantly concerned with preserving its existence (but not endlessly expanding), a society with a modest standard of living, conservative of natural resources, with a low constant fertility rate and a political life based upon consent; a society that has made a successful adaptation to its environment and has learned to live without destroying itself or the people next door...that is the society I want to be able to imagine — I must be able to imagine, for one does not get on without hope."
  - — *"A Non-Euclidean View of California as a Cold Place to Be"*, Ursula K. Le Guin
- Ursula K. LeGuin: "The Dispossessed"
- Starhawk: "Fifth Sacred Thing"
- Octavia Butler: Parable of the Sower
- "Biophilia" ; Solarpunk ; "DeGrowth"
- Mitakuye Oyasin; Ubuntu; Shamanism; Dreamtime









# Workshop: Internet of Squirrels

#AMRO24

11-05-2024 12 CEST



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# Workshop Questions

- “How can we minimise the detrimental environmental impact of the Internet on more-than-humans?”
- “How can Internet Governance organisations make their work more accessible, more inclusive, more just - or at least more FUN!”
- “What does the Utopian Internet look like?”
  - (as opposed to Luxury Internet / Internet of Affluence / Gargantuan Internet / Gilded Internet / Capitalist Internet of Surveillance )
- “How can squirrels contribute to, and benefit from, the technical Internet standards?”
  - (squirrels as a symbol for non-geek-humans, animals & ecosystems.)

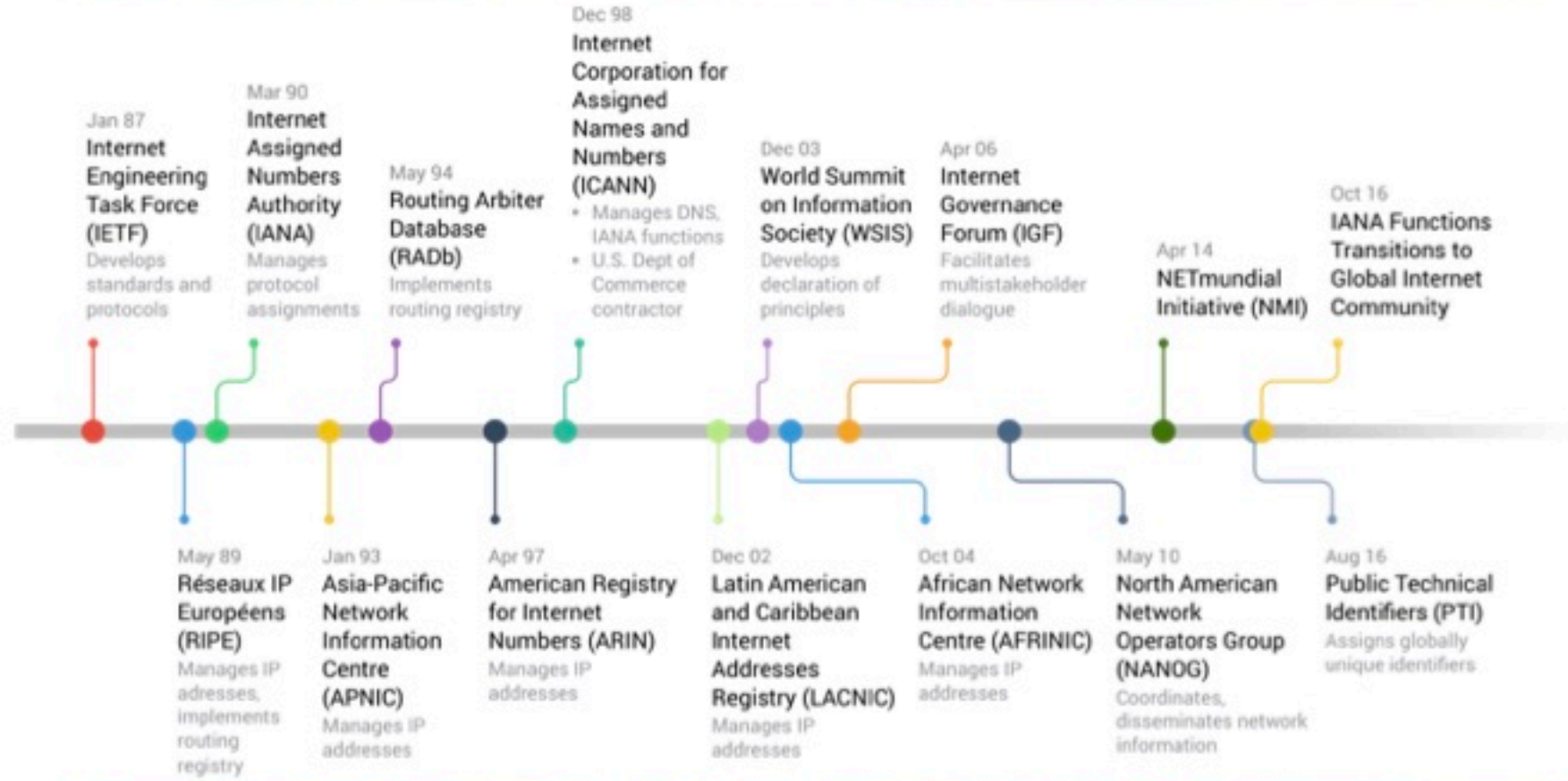




## Further Reading



# Internet governance timeline



# Internet & Capitalism

- [https://wiki.techinc.nl/Hackers\\_tribes#Internet\\_and\\_Capitalism](https://wiki.techinc.nl/Hackers_tribes#Internet_and_Capitalism)
- Geoff Huston: "The Internet's Gilded Age" (2017) <http://www.potaroo.net/ispcol/2017-03/gilding.html>
- "IT industry is a dictatorship" Heather Marsh's post: <https://georgiebc.wordpress.com/2014/10/03/world-war-iii-stateless-ponzi-schemes-of-power/>
- "Democratizing the Network Edge" (2019) <https://dl.acm.org/doi/10.1145/3336937.3336942>
- "Rosa Luxemburg's Internet?" Dan Schiller (2014) <https://ijoc.org/index.php/ijoc/article/viewFile/2045/1076>
- Boris Beau de (2016) <https://networkcultures.org/blog/publication/no-11-the-ends-of-the-internet-boris-beau-de/>
- Jennifer Granick (2015) <https://www.wired.com/2015/08/the-end-of-the-internet-dream/>
- <http://feministeconomicsdepartment.com/> & <https://anticapitalist.software/>
- Vesna (2021) <https://labs.ripe.net/author/becha/ripe-community-resilience-every-society-has-the-internet-they-deserve/>



Vesna Manojlovic

@becha · 2 hours ago

Eunice Newton Foote wrote a first paper (1856) on relationship between carbon dioxide and the earth's climate <https://archive.vn/DPhg2>



ALT Newton Foote. (Pictorial Press Ltd/Alamy)



My Top 10 21st-Century Alternative Economic Theory Books:

- Giving Economy, Heather Marsh (in "Binding Chaos", 2013)
- Post-carbon Economy, Naomi Klein (in "On Fire", 2021)
- Caring Economy, Riane Eisler (2007) : <http://caringeconomy.org/>
- Decolonising Economics, Nonhlanhla Makuyana (2021) <https://decolonisingeconomics.org/>
- Ecofeminism, Maria Mies and Vandana Shiva (2014) <https://www.environmentandurbanization.org/ecofeminism>
- Mutualism, Sara Horowitz (2021)
- Doughnut Economics, Kate Raworth (2017) <https://doughnuteconomics.org/>
- Mission Economy, Mariana Mazzucato (2021)
- The Support Economy: Shoshana Zuboff (2002) <http://www.thesupporteconomy.com/>
- Enlightenment Economics, Diane Coyle (in "The Economics of Enough", 2011)

<https://labs.ripe.net/author/becha/ripe-community-resilience-economy-of-care/>

[https:// wiki.techinc.nl/](https://wiki.techinc.nl/#AMRO24) #AMRO24  
Female experts#on alternative economy. 2C against capitalism

Re-Enchanting the World:  
Feminism and the Politics of the Commons  
A Lecture with Silvia Federici



# Vesna's RIPE Diversity Links

- <https://labs.ripe.net/author/becha/building-bridges-between-diverse-communities-at-ripe-85/>
- video from NLNOG 2021 <https://www.youtube.com/watch?v=Ycrl7NI8sOY>
- <https://labs.ripe.net/author/becha/data-feminism-from-data-ethics-to-data-justice/>
- <https://labs.ripe.net/author/becha/diversity-matters-at-ripe-83/>
- <https://labs.ripe.net/author/becha/ripe-community-resilience-safety-net/>
- <https://labs.ripe.net/author/becha/spring-and-summer-events-season-2022/>
- <https://labs.ripe.net/author/becha/the-history-of-the-yugoslavian-internet-live-at-see-10/>



# Social Scientist about Operators' Community

- **Uta Meier-Hahn:** “Internet Interconnection: Networking in Uncertain Terrain”
  - [https://labs.ripe.net/author/uta\\_meier\\_hahn/internet-interconnection-networking-in-uncertain-terrain/](https://labs.ripe.net/author/uta_meier_hahn/internet-interconnection-networking-in-uncertain-terrain/) (2015)
- The Regulatory Conditions of IP Interconnection (2016)
  - [https://labs.ripe.net/author/uta\\_meier\\_hahn/the-regulatory-conditions-of-ip-interconnection/](https://labs.ripe.net/author/uta_meier_hahn/the-regulatory-conditions-of-ip-interconnection/)
- The Internet was Built on Trust. But What Does it Run On? (2017)
  - [https://labs.ripe.net/author/uta\\_meier\\_hahn/the-internet-was-built-on-trust-but-what-does-it-run-on/](https://labs.ripe.net/author/uta_meier_hahn/the-internet-was-built-on-trust-but-what-does-it-run-on/)



# RIPE Meeting Talks on Sustainability



- RIPE75 (October 2017): “Internet Services and Energy Demand”, Mike Hazas <https://ripe75.ripe.net/archives/video/154/>
- RIPE81 (October 2020): Sustainable ICT Procurement, Michael Oghia, <https://ripe81.ripe.net/programme/meeting-plan/bof/#mon14>
- RIPE84 (May 2022): Towards a Fossil Free Internet, Chris Adams, Green Web Foundation <https://ripe84.ripe.net/archives/video/751/>
- RIPE85 (October 2022): 13 Propositions for a Burning World, Tobias Fiebig, MPI INF; Doris Aschenbrenner, Aalen University <https://ripe85.ripe.net/archives/video/877/>
- RIPE86 (May 2023): The Environmental Impact of Internet: Urgency, De-Growth, Rebellion , Vesna Manojlovic <https://ripe86.ripe.net/archives/video/1001/>
- RIPE87 (November 2023): The Internet of Tomorrow Must Sleep More and Grow Old, Romain Jacob, ETH Zurich <https://ripe87.ripe.net/archives/video/1143/>

# Internet Governance & SDGs



- **February 2024, EURALO** <https://atlarge.icann.org/ralos/euralo>
- **EuroDig:** [https://eurodigwiki.org/wiki/WS\\_04\\_2023](https://eurodigwiki.org/wiki/WS_04_2023)
  - Greening Internet Governance: **EuroDig 2020** [https://eurodigwiki.org/wiki/Greening\\_Internet\\_governance\\_-\\_Environmental\\_sustainability\\_and\\_digital\\_transformation\\_-\\_2020/2021](https://eurodigwiki.org/wiki/Greening_Internet_governance_-_Environmental_sustainability_and_digital_transformation_-_2020/2021)
- **IGF 2023**
  - “Climate change and Technology implementation” [https://www.youtube.com/watch?v=eirpgX\\_U5EA](https://www.youtube.com/watch?v=eirpgX_U5EA)
  - [https://labs.ripe.net/author/gergana\\_petrova/igf-2023-liveblog/](https://labs.ripe.net/author/gergana_petrova/igf-2023-liveblog/)
- **2021:** <https://seedig.net/seedig7-sustainable-future/>
- **ITU in 2020: “reduce ICT GHG emissions by 45% by 2030”**

# IETF / IRTF & “Sustainability”

- IETF’s “e-impact”: <https://www.ietf.org/mailman/listinfo/e-impact>
  - “Full understanding of Internet's environmental impact
  - Continuous improvement of our technology.
  - Launching research relevant activities”
  - <https://mailman3.ietf.org/mailman3/lists/green-bof.ietf.org/>
- IRTF: GAIA: <https://datatracker.ietf.org/rg/gaia/about/>
- IAB: BIAS workshop: The Internet is an important tool to reach the SDG <https://datatracker.ietf.org/group/biasws/about/>
- RFC8890 <https://ftp.ripe.net/rfc/rfc8890.pdf>
- <https://labs.ripe.net/author/becha/the-internet-is-for-the-empowerment-of-end-users/>

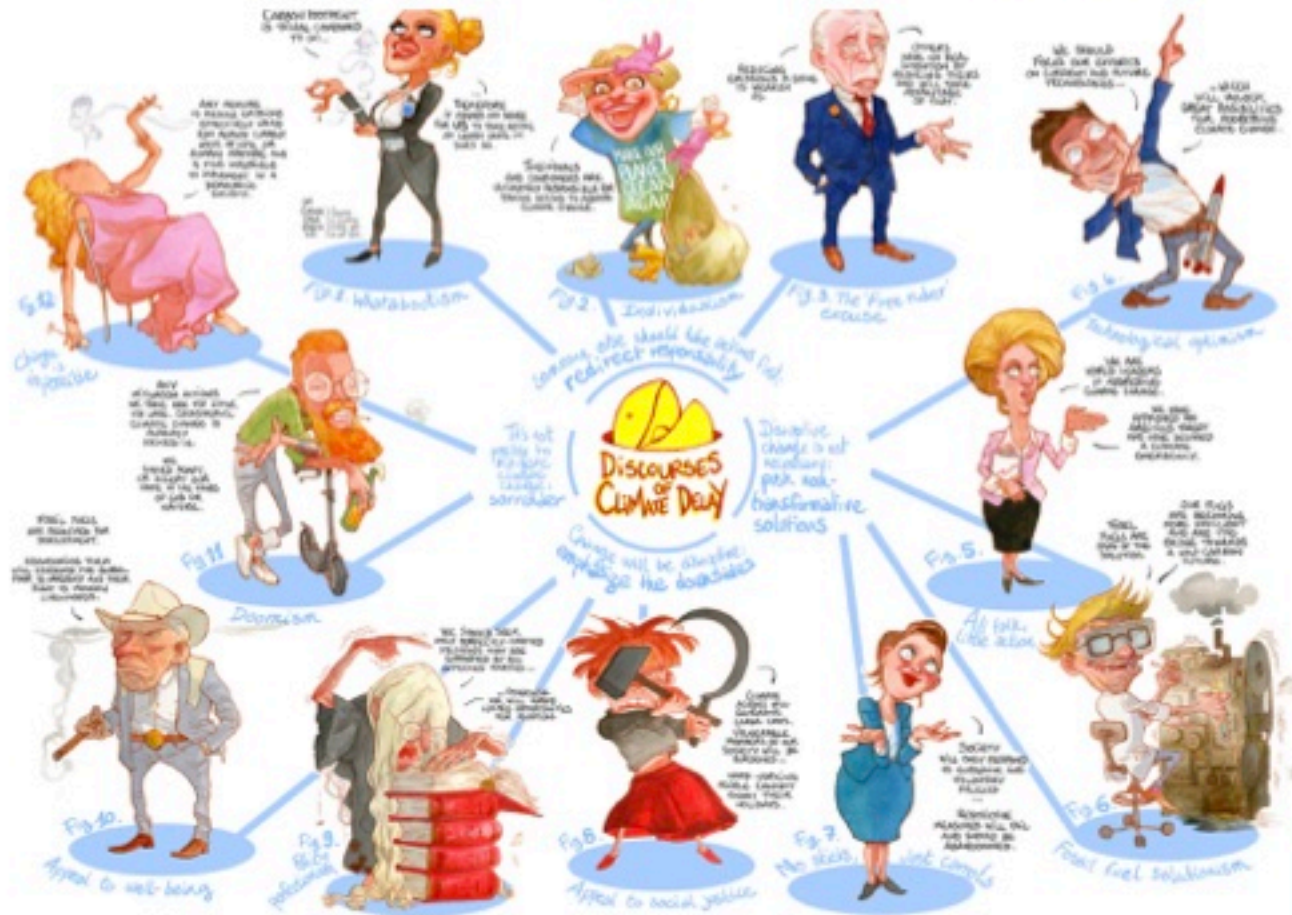
# Internet Industry & Climate Action



- **"Energy Consumption** in Data Centres and Broadband Communication Networks in the EU" (2024-02-16), (by European Commission's Joint Research Centre)  
<https://publications.jrc.ec.europa.eu/repository/handle/JRC135926>
- "The central role of **climate action** in achieving the United Nations' Sustainable Development Goals" by Inter-University Sustainable Development Research Programme <https://www.nature.com/articles/s41598-023-47746-w>.
- GSMA "2024: State of the Industry on **Climate Action**" <https://www.gsma.com/betterfuture/wp-content/uploads/2024/02/Mobile-Net-Zero-2024-State-of-the-Industry-on-Climate-Action.pdf>



# “Delay is the New Denial”



[https://www.researchgate.net/publication/342596080\\_Discourses\\_of\\_climate\\_delay](https://www.researchgate.net/publication/342596080_Discourses_of_climate_delay)



# Academia, (h)Activists, NGOs...

- Computing Within Limits  
<https://computingwithinlimits.org>  
(18-19.June)
  - <https://labs.ripe.net/author/becha/computing-within-limits-2023/>
- Communities for climate action in tech
  - <https://wiki.mozilla.org/Projects/Sustainability/Research>
  - <https://www.sigplan.org/Resources/Climate/>
  - <https://climateaction.tech/community/>
- <https://www.apc.org/en/news/mobilising-collective-action-environmental-justice-and-sustainability-2020>
- <https://www.apc.org/en/project/technology-environmental-justice-and-sustainability>
- ACM SIGCAS: Computers and Society  
<https://www.sigcas.org/events/sigcas-showcase-2022/>
- Theoretical Computer Scientists for Future (tcs4f.org) made a pledge to “reducing our emissions by at least 50% before 2030 relative to pre-2020 levels.”
- <https://www.nsuweb.org/circle-g-sustainability-ethics-environment-call-for-papers/>

# “Algorithmic Sabotage Research Group”

- <https://tldr.nettime.org/@asrg/112240241594621190>
- “While the whole of society is being subsumed by algorithmically ordered relations and enrolled in machinic optimization, the history continues to show that liberation from the imposition of these power relations is a process brought about by collective organizing, mutual care and #solidarity ..
- Given the urgent need to provide some kind of balance as the “algorithmic empire” becomes a multiplier of epistemic injustices, administrative violence and algorithmic states of exception, the Algorithmic Sabotage Research Group (ASRG) proposes “algorithmic sabotage” as a form of constituent counter-power and the basis for an alternative radical political tactic that resists necropolitical authoritarianism and militantly refuses reductive optimisations and statistical segregation through a perspective of care and mutuality, while pushing for structural alternatives .”

# F\*\*k Off g00gle

- <http://anarchistnews.org/content/invisible-committee-returns-fuck-google>
- <http://www.crimethinc.com/texts/ex/digital-utopia.html>
- <http://bloom0101.org/wp-content/uploads/2015/02/fuckoffgoogleeng.pdf>
- <https://tarnac9.wordpress.com/texts/the-coming-insurrection/>
- <https://www.theguardian.com/technology/2016/may/02/google-microsoft-pact-antitrust-surveillance-capitalism>
- <http://www.googletransparencyproject.org/articles/googles-european-revolving-door>
- <https://www.bloomberg.com/news/features/2020-04-01/how-much-water-do-google-data-centers-use-billions-of-gallons>
- <https://locusmag.com/2020/01/cory-doctorow-inaction-is-a-form-of-action/>
- <https://www.wired.com/story/google-timnit-gebru-ai-what-really-happened/>
- + <https://nl.crimethinc.com/2024/05/08/ahead-of-another-summer-of-climate-disasters-lets-talk-about-real-solutions>

# Internet of Empathy

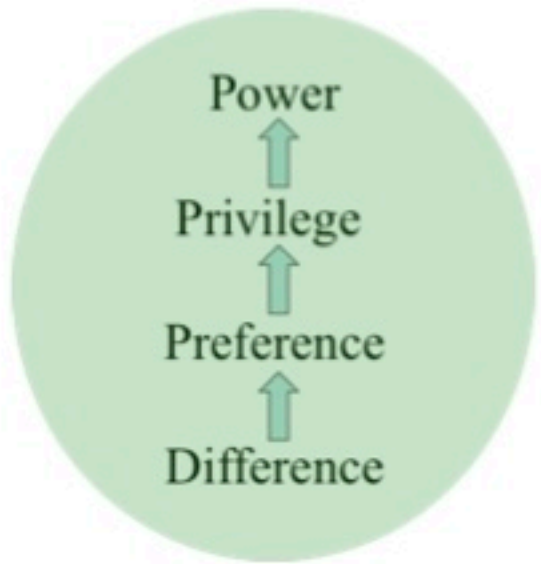
- “To Our Friends” by The Invisible Committee <https://mitpress.mit.edu/books/our-friends>
  - Positive freedom of connectivity, interaction and involvement
  - Instead of libertarian “freedom” as independence and self reliance
  - This freedom comes at the price of greater responsibility
  - “ the intrinsic value of a network does not lie in the sovereignty and independence of its nodes, but in their connectedness,”
  - Empathy is willingness to engage with the Other, and willingness to enrich network with our contributions
- “Guide to Empathetic Technical Leadership” <https://empathetictechnicalleader.com>
  - FREE to read online: <https://leanpub.com/littleguide/read>

# More Utopia Links

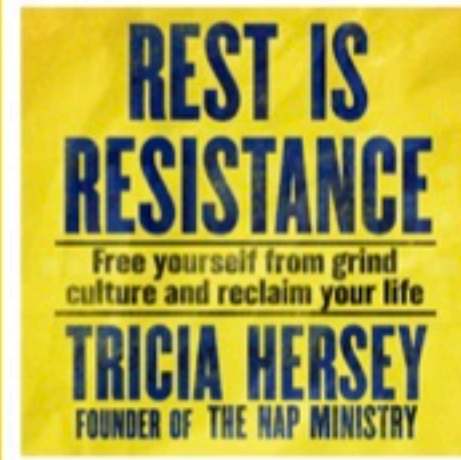
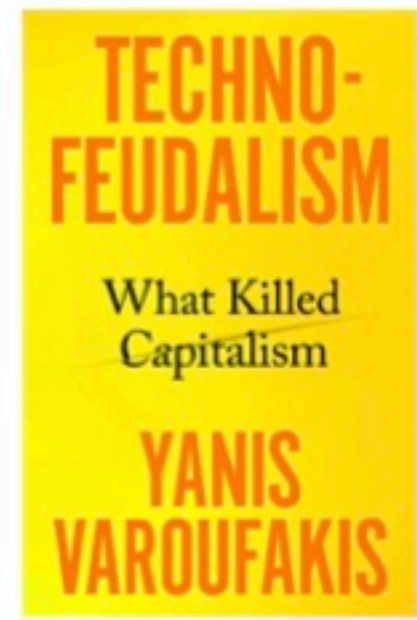
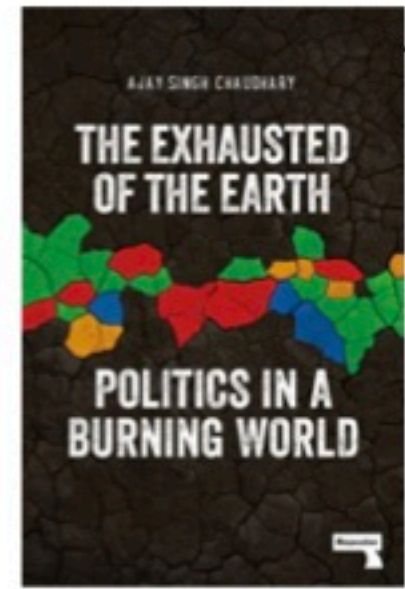
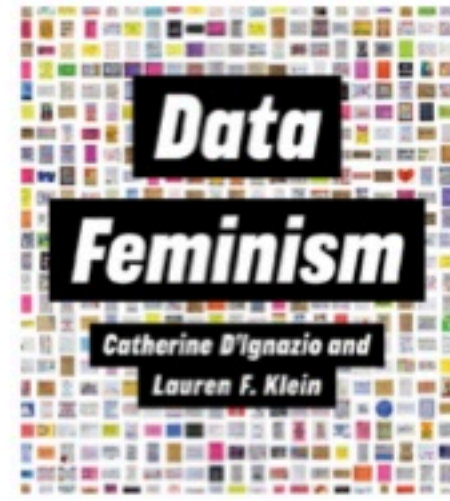
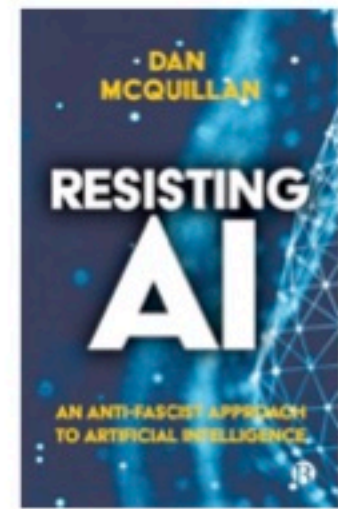
- Ursula K. Le Guin: <https://web.archive.org/web/20180628075056/http://theanarchistlibrary.org/library/ursula-k-le-guin-a-non-euclidean-view-of-california-as-a-cold-place-to-be>
- ZaMir <https://wiki.techinc.nl/TacticalMediaRoom#ZaMir>
- - Speaker for the Dead, Orson Scott Card
- - WalkAway, Cory Doctorow
- - Beyond Civilisation (series), Daniel Quinn
- - Diamond Age, Neal Stephenson
- - HumanKind: Timothy Morton



# Technical Is Political



- “No research on a dead planet” <https://www.frontiersin.org/articles/10.3389/feduc.2023.1237076>



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