#### **1st off**

#### **NASA is preserving resources by leveraging private partnerships**

Miriam **Kramer 21**, author of Space, “NASA's plans for the future hinge on the success of private companies,” Axios, 12-7-2021, https://www.axios.com/nasa-private-spaceflight-plans-5a5710e6-5223-4da3-8c5d-5a712e1d862e.html

The private space players who will drive NASA's plans for the coming decade are declaring themselves and defining the stakes. Why it matters: NASA plans to focus on getting people to Mars and the Moon, and its deep space exploration **ambitions hinge on the agency** **being able to successfully hand over major operations in low-Earth orbit to private companies.** The space agency hopes companies will build private space stations that its astronauts can use and to continue to buy space on private rockets for launching its satellites and other payloads to orbit and beyond. NASA's "big experiment" right now is to test where these commercial partnerships work, the Planetary Society's Casey Dreier told Axios. What's happening: Last week, NASA announced it would award multimillion-dollar contracts to three teams of commercial space companies to start designing and building privately operated space stations.

#### **Plan forces trade-offs that crush effective Earth sciences --- risks catastrophic climate change**

**Haymet 7** (Tony, Director of the Scripps Institution of Oceanography – University of California, San Diego, Mark Abbott, Dean of the College of Oceanic and Atmospheric Science – Oregon State University, and Jim Luyten, Acting Director – Woods Hole Oceanographic Institution, “The Planet NASA Needs to Explore”, Washington Post, 5-10, [http://www.washingtonpost.com/wp-dyn/content/article/2007/05/09/AR2007050902451.html](http://www.lexis.com/research/retrieve))

Decades ago, a shift in NASA priorities sidelined progress in human space exploration. As momentum gathers to reinvigorate human space missions to the moon and Mars, we risk hurting ourselves, and Earth, in the long run. Our planet -- not the moon or Mars -- is under significant threat from the consequences of rapid climate change. Yet the **changing NASA priorities will threaten exploration** here **at home**.

NASA not only launches shuttles and builds space stations, it also builds and operates our nation's satellites that observe and monitor the Earth. These satellites collect crucial global data on winds, ice and oceans. They help us forecast hurricanes, track the loss of Arctic sea ice and the rise of sea levels, and understand and prepare for climate changes.

NASA's budget for science missions has declined 30 percent in the past six years, and that trend is expected to continue. As more dollars are **reallocated** to prepare for missions back to the moon and Mars, sophisticated new satellites to observe the Earth will be **delayed, harming Earth sciences.**

The National Academy of Sciences has noted that the Landsat satellite system, which takes important measurements of global vegetation, is in its fourth decade of operation and could fail without a clear plan for continuation. The same is true for the QuikSCAT satellite, which provides critical wind data used in forecasting hurricanes and El Niño effects.

In January, a partnership of university and NASA scientists demonstrated that climate change and higher ocean temperatures were reducing the growth of microscopic plants and animals at the heart of the marine food web.

Their analysis was based on nearly a decade of NASA satellite measurements of ocean color, which unfortunately are at risk of being interrupted for several years.

Sea levels are rising, and the Arctic Ocean may be ice-free in summer. The buildup of carbon dioxide in the oceans threatens to make them more acidic, which may in turn hinder the ability of some types of marine life, including corals, to build their shells and skeletons. **We must learn** as much as we can **to assess** these **threats and develop solutions.**

Satellites provide coverage of vast, remote regions of our planet that would otherwise remain unseen, especially the oceans, which play an important role in climate change. Without accurate data on such fundamentals as sea surface height, temperatures and biomass, as well as glacier heights and snowpack thickness, we will not be able to understand the likelihood of dangers such as more severe hurricanes along the Gulf Coast or more frequent forest fires in the Pacific Northwest.

Climate change is the **most critical problem** the Earth has ever faced.

Government agencies and the private sector, as well as individual citizens, need to better grasp the risks and potential paths of global climate change. Mitigating these risks and preparing for the effects of warming will require scientific understanding of how our complex planet operates, how it is changing, and how that change will affect the environment and human society.

John F. Kennedy's brilliant call to put a man on the moon by the end of the 1960s set an arbitrary deadline, but the deadline we face today is set by nature. NASA must continue to play a vital role in helping find ways to protect our planet for (and perhaps from) its intelligent life. Exploration of space is a noble quest. But we can't afford to be so starry-eyed that we overlook our own planet.

#### **Warming is inevitable but adjusting government policy can address the worst effects – specifically, for sea level rise.**

**Economist 17**, "How government policy exacerbates hurricanes like Harvey," Economist, https://www.economist.com/news/leaders/21727898-if-global-warming-were-not-enough-threat-poor-planning-and-unwise-subsidies-make-floods

THE extent of the devastation will become clear only when the floodwater recedes, leaving ruined cars, filthy mud-choked houses and the bloated corpses of the drowned. But as we went to press, with the rain pounding South Texas for the sixth day, Hurricane Harvey had already set records as America’s **most severe deluge** (see Briefing). In Houston it drenched Harris County in over 4.5trn litres of water in just 100 hours—enough rainfall to cover an eight-year-old child. The fate of America’s fourth-largest city holds the world’s attention, but it is hardly alone. In India, Bangladesh and Nepal, at least 1,200 people have died and millions have been left homeless by this year’s monsoon floods. Last month torrential rains caused a mudslide in Sierra Leone that killed over 1,000—though the exact toll will never be known. Around the world, governments are grappling with the threat from floods. This will **ultimately** be about **dealing with climate change**. Just as important, is **correcting short-sighted government policy** and the perverse incentives that make flooding worse. Judgment day The overwhelming good news is that storms and flooding have caused far fewer deaths in recent decades, thanks to better **warning systems** and the construction of **levees, ditches and shelters**. The cyclone that struck Bangladesh in 1970 killed 300,000-500,000 people; the most recent severe one, in 2007, killed 4,234. The bad news is that storms and floods still account for almost three-quarters of weather-related disasters, and they are becoming more common. According to the Munich Re, a reinsurer, their number around the world has increased from about 200 in 1980 to over 600 last year. Harvey was the third “500-year” storm to strike Houston since 1979. At the same time, floods and storms are also becoming more **costly**. By one estimate, three times as many people were living in houses threatened by hurricanes in 2010 as in 1970, and the number is expected to grow as still more people move to coastal cities. The UN reckons that, in the 20 years to 2015, storms and floods caused $1.7trn of destruction; the World Health Organisation estimates that, in real terms, the global cost of hurricane damage is rising by 6% a year. Flood losses in Europe are predicted to increase fivefold by 2050. One cause is **global warming**. The frequency and severity of hurricanes vary naturally—America has seen unusually few in the past decade. Yet the **underlying global trend** is what you would expect from climate change. Warmer seas **evaporate faster** and warmer air can hold more **water vapour**, which releases energy when it condenses inside a weather system, feeding the **violence of storms** and the **intensity of deluges**. Rising **sea levels**, predicted to be especially marked in the Gulf of Mexico, **exacerbate storm surges**, adding to the **flooding**. **Harvey** was unusually devastating because it suddenly gained strength before it made landfall on Friday; it then **stayed put**, dumping its rain on Houston before returning to the Gulf. Again, that is consistent with models of a **warmer world**. **Poor planning** bears **even more blame**. Houston, which has almost no restrictions on **land-use**, is an extreme example of what can go wrong. Although a light touch has enabled developers to cater to the city’s rapid growth—1.8m extra inhabitants since 2000—it has also led to concrete being laid over vast areas of coastal prairie that used to absorb the rain. According to the Texas Tribune and ProPublica, a charity that finances investigative journalism, since 2010 Harris County has allowed more than 8,600 buildings to be put up inside 100-year floodplains, where floods have a 1% chance of occurring in any year. Developers are supposed to build ponds to hold run-off water that would have soaked into undeveloped land, but the rules are poorly enforced. Because the maps are not kept up to date, properties supposedly outside the 100-year floodplain are being **flooded repeatedly**. **Government failure adds to the harm**. Developing countries are underinsured against natural disasters. Swiss Re, a reinsurer, says that of the $50bn or so of losses to floods, cyclones and other disasters in Asia in 2014, only 8% were covered. The Bank of International Settlements calculates that the worst natural catastrophes typically permanently lower the afflicted country’s GDP by almost 2%. America has the opposite problem—the federal government subsidises the insurance premiums of vulnerable houses. The National Flood Insurance Programme (NFIP) has been forced to borrow because it fails to charge enough to cover its risk of losses. Underpricing encourages the building of new houses and discourages existing owners from renovating or moving out. According to the Federal Emergency Management Agency, houses that repeatedly flood account for 1% of NFIP’s properties but 25-30% of its claims. Five states, Texas among them, have more than 10,000 such households and, nationwide, their number has been going up by around 5,000 each year. Insurance is meant to provide a signal about risk; in this case, it stifles it. Mend the roof while the sun shines What to do? Flooding strengthens the case for **minimising climate change**, which threatens to make wet places wetter and storms stormier. Even those who doubt the science would do well to see action as an **insurance policy** that pays out if the case is proven. However, that **will not happen fast**, **even if all countries**, **including America**, **sign up to international agreements.** More immediately, therefore, politicians can **learn from Houston**. Cities need to protect **flood defences** and **catchment areas**, such as the **wetlands around Kolkata** and the **lakes in and around Pokhara in Nepal**, whose **value is becoming clear**. Flood maps need to be up to date. Civil engineers, often starved of funds and strangled by bureaucracy, should be **building and reinforcing levees and reservoirs now**, before it is too late. The NFIP should start to charge market premiums and developing countries should sell catastrophe bonds. All this is a **test of government**, of **foresight** and the ability to withstand the lobbying of homeowners and developers. But politicians and officials who **fail the test** need to realise that, sooner or later, they will **wake up to a Hurricane** Harvey **of their own**.

#### **The impact’s global war**

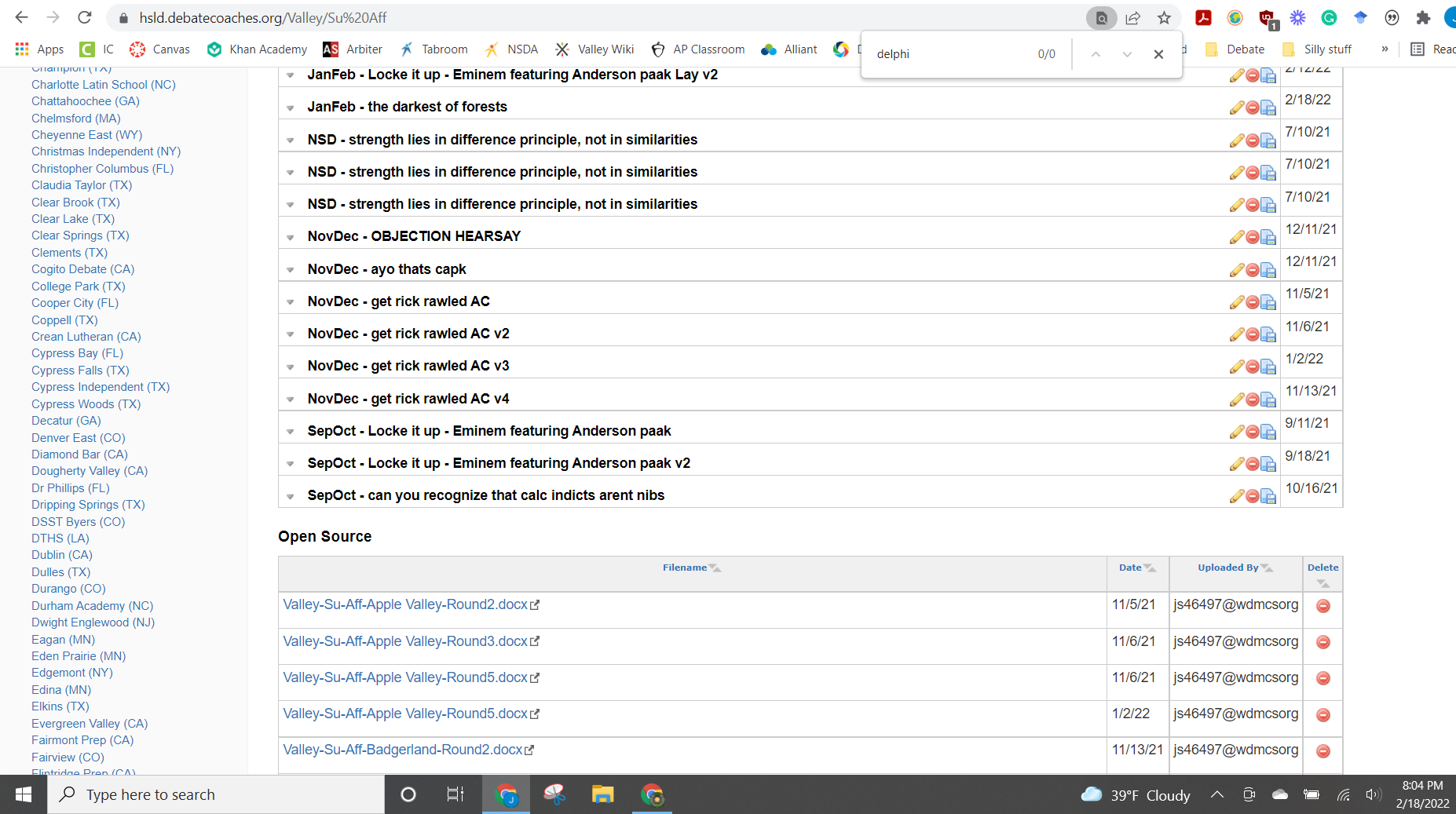
Eric **Holthaus 15**, editor at rollingstone magazine citing James Hansen, former NASA climatologist, "The Point of No Return: Climate Change Nightmares Are Here," Rolling Stone, accessed 10-23-2016, http://www.rollingstone.com/politics/news/the-point-of-no-return-climate-change-nightmares-are-already-here-20150805

On July 20th, James Hansen, the former NASA climatologist who brought climate change to the public's attention in the summer of 1988, issued a bombshell: He and a team of climate scientists had identified a newly important feedback mechanism off the coast of Antarctica that suggests mean sea levels could rise 10 times faster than previously predicted: 10 feet by 2065. The authors included this chilling warning: If emissions aren't cut, "We conclude that multi-meter **sea-level rise** would become **practically unavoidable**. **Social disruption** and **economic consequences** of such large sea-level rise could be **devastating**. It is not difficult to imagine that conflicts arising from **forced migrations** and **economic collapse** might make the planet **ungovernable**, **threatening the fabric of civilization."**

2nd off

Interpretation: Debaters must, on the page with their name and the school they attend, disclose their contact information

Violation: They didn’t. Ss for proof with time-stamp and control-f



Standards:

1] Inclusion – Novices would have a way to contact you about your positions and learn from them and debaters would tell you before round about triggering positions that you’ve read before. Independent voter because inclusion is a gateway issue for debate to occur in the first place

2] Research – disclosure increases research and gets rid of anti-educational arguments because debaters are forced to prepare cases knowing that people will have answers AND people get the opportunity to research answers to disclosed cases.

**Nails 13** - (Jacob [I am a policy debater at Georgia State University. I debated LD for 4 years for Starr's Mill High School (GA) and graduated in 2012.] "A Defense of Disclosure (Including Third-Party Disclosure)" http://nsdupdate.com/2013/a-defense-of-disclosure-including-third-party-disclosure-by-jacob-nails/)

I fall squarely on the side of disclosure. I find that the largest advantage of widespread disclosure is the educational value it provides. First, **disclosure streamlines research**. Rather than every team and every lone wolf researching completely in the dark, **the wiki provides a public body of knowledge that everyone can contribute to and build off of**. Students can look through the different studies on the topic and choose the best ones on an informed basis without the prohibitively large burden of personally surveying all of the literature. The best arguments are identified and replicated, which is a natural result of an open marketplace of ideas. Quality of evidence increases across the board. In theory, the increased quality of information [this] could trade off with quantity. If debaters could just look to the wiki for evidence, it might remove the competitive incentive to do one’s own research. Empirically, however, the opposite has been true. In fact, a second advantage of **disclosure** is that it **motivates research. Debaters cannot expect to make it a whole topic with the same** stock **AC** – that is, unless they are continually updating and frontlining it. Likewise, **debaters with access to their opponents’ cases can do more targeted and specific research**. Students can go to a new level of depth, researching not just the pros and cons of the topic but the specific authors, arguments, and adovcacies employed by other debaters. The incentive to cut author-specific indicts is low if there’s little guarantee that the author will ever be cited in a round but high if one knows that specific schools are using that author in rounds. In this way, disclosure increases incentive to research by altering a student’s cost-benefit analysis so that the time spent researching is more valuable, i.e. more likely to produce useful evidence because it is more directed. In any case, if publicly accessible evidence jeopardized research, backfiles and briefs would have done LD in a long time ago. Lastly, and to my mind most significantly, **disclosure weeds out anti-educational arguments**. I have in mind the sort of theory spikes and underdeveloped analytics whose strategic value comes only from the fact that the time to think of and enunciate responses to them takes longer than the time spent making the arguments themselves. **If [theory spikes]** these arguments **were made on a level playing field where each side had equal time to craft answers, they would seldom win rounds, which is a testimony to the real world applicability** (or lack thereof) **of such strategies**. A model in which arguments have to withstand close scrutiny to win rounds creates incentive to find the best arguments on the topic rather than the shadiest. Having transitioned from LD to policy where disclosure is more universal, I can say that debates are more substantive, developed, and responsive when both sides know what they’re getting into prior to the round. The educational benefits of disclosure alone aren’t likely to convince the fairness-outweighs-education crowd, but I’ve learned over the course of many theory debates that most of that crowd has a very warped and confusing conception of fairness. Debaters who produce better research are more deserving of a win. Debaters who can make smart arguments and defend them from criticism should win out over debaters who hide behind obfuscation. That so many rounds these days are resolved on frivolous theory and dropped, single-sentence blips suggests that wins are not going to the “better debaters” in any meaningful sense of the term. The structure of LD in the status quo doesn’t incentivize better debating.

K2 education because researching and preparing is a gateway issue to determine how much education and knowledge youve gained from the tournament.

3] evidence ethics: if they don't disclose or provide contact info, theres no way for me to confirm whether or not they keep up with their academic integrity. I won’t be able to see the case and cites until the AC, in which case its too late to find them because i need to focus on the round. EE is an independent voter since otherwise people can just use fake sources that literally dont exist.

DONT LET THEM SAY THIS IS BAD FOR NOVICES, TURN ITS BETTER FOR NOVICES TO LOSE EARLY IN PRELIMS SO THEY DONT LOSE ON SOMEHTING LIKE THIS IN THINGS LIKE BID ROUNDS. SO DROP THEM NOW TO CLEARLY SET A NORM THAT THIS IS HOW DEBATE AND THE WIKI OPERATE.

Ed is a voter, 1) reason schools fund debate so it’s constitutive, 2) only tangible impact of the round

DTD

Deter future abuse, you lost to this shell so you’ll make a wiki to avoid losing in future rounds

Competing interps

Reasonability is arbitrary and begs judge intervention

No RVI’s

1) illogical, you don’t win just by proving you were fair, 2) good theory debaters would be abusive on purpose and bait theory just to win on the rvi

3rd off

**Starlink is key to global internet access.**

John **Koetsier** {journalist, analyst, author, and speaker}, **20** - ("Elon Musk’s 42,000 StarLink Satellites Could Just Save The World," Forbes, 1-9-2020, https://www.forbes.com/sites/johnkoetsier/2020/01/09/elon-musks-42000-starlink-satellites-could-just-save-the-world/?sh=85866264c2cd)//marlborough-wr/

Elon Musk’s other company, SpaceX, is building Starlink, a global communications constellation that could approach a [staggering 42,000 satellites](https://www.forbes.com/sites/johnkoetsier/2019/12/20/apple-building-satellite-to-iphone-tech-spacex-launching-42000-satellites-2--2--/). And it **could be all that stands between us and a fragmented world** living in virtually — and actually — different realities. How? World War II can tell us the answer. In the early 1940s a tyrannical power using fake news, hate speech, military

might and hegemonic power controlled most of Europe: the Nazis. They controlled public life, news and local economies. Resistance groups dotted the European mainland, with one lifeline for non-official communication from free countries: radio. As such, radios were [contraband](https://www.theholocaustexplained.org/life-in-nazi-occupied-europe/occupation-case-studies/) and confiscated. One of the activities the allies undertook to support resistance fighters was shipping in radios for communication and outside news. Today, radios aren’t at risk of being confiscated. And as a cloud-delivered service, hijacking the internet happens largely out of public sight, in servers and routers that enable services like Netflix and the BBC and Facebook and Google. **It’s called** [**splinternet**](https://en.wikipedia.org/wiki/Splinternet), and it’s the ongoing division of a worldwide interconnected internet into separate and isolatable fiefdoms, each of which can be **controlled and managed** so that governing powers can control what their populations see. The Great Firewall of China is the most well-known example, but Iran, Syria and Vietnam also control significant portions of the internet for their populations. Russia just [completed technology](https://www.pcmag.com/news/371347/russia-is-about-to-disconnect-from-the-internet-what-that-m) to wall off its internal networks, servers and internet users from the wider internet. And India, in its attempt to control unrest following its anti-Muslim citizenship law, has employed a particularly heavy-handed approach: simply [blocking](https://www.tellerreport.com/news/2019-12-27---india--new-internet-outages--protesters-back-on-the-street-.ryrh4IhQyI.html) the internet entirely. (One unintended result: contractors in India can’t reach their employers in the U.S.) Another country, United Arab Emirates, took a different approach: outlawing all messengers [except one that it built a digital backdoor into: Totok](https://www.forbes.com/sites/johnkoetsier/2019/12/23/top-50-social-app-in-usa-outed-as-spying-tool-for-united-arab-emirates-apple-and-google-delete-it/). However it happens, it allows governments to control what people see, read and hear from outside sources — and censor what their own people say. **Starlink can change all of that.** Elon Musk recently revealed [details](https://twitter.com/elonmusk/status/1214548764054216704?ref_src=twsrc%5Etfw%7Ctwcamp%5Etweetembed%7Ctwterm%5E1214548764054216704&ref_url=https%3A%2F%2Fwww.digitaltrends.com%2Fcool-tech%2Felon-musk-reveals-what-youll-need-to-connect-to-his-internet-satellites%2F) about how people will access StarLink. It will be incredibly simple, and it will enable access to the relatively free global internet from anywhere on the planet. What that means is that **anyone can access the internet from anywhere.** Chinese citizens will be able to access Google and information about Tiananmen Square. Russian citizens will be able to see external analysis of Putin’s financial dealings if even Russia blocks outside sources. Indian protesters can’t be cut off from the internet. Of course, governments will make the Starlink Terminal illegal. But **that in itself will be a victory.** Censorship works best when it is invisible: when people don’t even know that there is alternate information, other understandings of reality. (Chinese teenage exchange students at a relative’s house last year, for example, had never heard of Tiananmen Square, and refused to believe stories that, they felt, painted China in a negative light.) But when a device to connect to the outside world becomes contraband, the glass walls become opaque. People realize that walls have been erected to prevent them from seeing other opinions. And that is at least one step to **maintaining a free, open and accessible internet globally**, which **should help combat fake news, propaganda and information deprivation aimed at controlling populations.** And it’s a step towards making the splinternet harder to achieve. 1,000 satellites will be enough to enable basic service, Musk has said. SpaceX just [launched](https://www.digitaltrends.com/cool-tech/spacex-launches-60-more-starlink-satellites-amid-astronomer-concerns/) a third batch of 60 satellites, and is expected to continue launching that many [every two weeks](https://www.spaceitbridge.com/spacex-starlink-launch-targeted-for-november-11-will-questions-be-answered.htm) through the rest of 2020.

**Free internet is crucial to the promotion of democracy. Pirannejad 17:**

Ali Pirannejad {Department of Public Administration, University of Tehran, Tehran, Iran; Faculty of Technology, Policy and Management, Delft University of Technology, Delft, Netherlands, }, 17 - ("Can the internet promote democracy? A cross-country study based on dynamic panel data models," Taylor &amp; Francis, 4-1-2017,<https://www.tandfonline.com/doi/abs/10.1080/02681102.2017.1289889?journalCode=titd20)//marlborough-wr/>

In the age of information revolution, information and communication technologies are penetrating all levels of societies and are also influencing the political aspect of each country by providing some facilities such as the Internet and web technologies. Democracy, as a universal value and a political system, is also well known and has an important role in the sublimation of the human societies. This study attempts to examine the effect of Internet extension on democracy promotion by using a panel consisting of 122 countries covering the period from the year 2000 to 2014. In order to estimate the effect, and also to deal with the endogeneity and autocorrelation

problems, the dynamic panel data models are employed in the study. The results of estimation models indicate that **Internet extension has a significantly positive effect on democracy promotion** during the period. In the end, some ideas for further research are presented.

**Democracy Promotion is key to prevent great power war – we’re on the brink.**

**Gat 11** (Azar- the Ezer Weizman Professor of National Security at Tel Aviv University, 2011, “The Changing Character of War,” in The Changing Character of War, ed. Hew Strachan and Sibylle Scheipers, p. 30-32)

Since 1945, the decline of major great power war has deepened further. Nuclear weapons have concentrated the minds of all concerned wonderfully, but no less important have been the institutionalization of free trade and the closely related process of rapid and sustained economic growth throughout the capitalist world. The communist bloc did not participate in the system of free trade, but at least initially it too experienced substantial growth, and, unlike Germany and Japan, it was always sufﬁciently large and rich in natural resources to maintain an autarky of sorts. With the Soviet collapse and with the integration of the former communist powers into the global capitalist economy, the prospect of a major war within the developed world seems to have become very remote indeed. This is one of the main sources for the feeling that war has been transformed: its geopolitical centre of gravity has shifted radically. The modernized, economically developed parts of the world constitute a ‘zone of peace’. War now seems to be conﬁned to the less-developed parts of the globe, the world’s ‘zone of war’, where countries that have so far failed to embrace modernization and its pacifying spin-off effects continue to be engaged in wars among themselves, as well as with developed countries.¶ While the trend is very real, one wonders if the near disappearance of armed conﬂict within the developed world is likely to **remain as stark** as it has been since the collapse of communism. The post-Cold War moment may turn out to be a **ﬂeeting** one. The probability of major wars within the developed world remains low—because of the factors already mentioned: increasing wealth, economic openness and interdependence, and nuclear deterrence. But the deep sense of change prevailing since 1989 has been based on the far more radical notion that the triumph of capitalism also spelled the irresistible ultimate victory of democracy; and that in an afﬂuent and democratic world, major conﬂict no longer needs to be feared or seriously prepared for. This notion, however, is **fast eroding** with the return of capitalist non-democratic great powers that have been absent from the international system since 1945. Above all, there is the formerly communist and fast industrializing authoritarian-capitalist China, whose massive growth represents the greatest change in the global balance of power. Russia, too, is retreating from its postcommunist liberalism and assuming an increasingly authoritarian character.¶ Authoritarian capitalism may be **more viable than people tend to assume**. 8 The communist great powers failed even though they were potentially larger than the democracies, because their economic systems failed them. By contrast, the capitalist authoritarian/totalitarian powers during the ﬁrst half of the twentieth century, Germany and Japan, particularly the former, were as efﬁcient economically as, and if anything more successful militarily than, their democratic counterparts. They were defeated in war mainly because they were too small and ultimately succumbed to the exceptional continental size of the United States (in alliance with the communist Soviet Union during the Second World War). However, the new non-democratic powers are both large and capitalist. China in particular is the largest player in the international system in terms of population and is showing spectacular economic growth that within a generation or two is likely to make it a true non-democratic superpower.¶ Although the return of capitalist non-democratic great powers does not necessarily imply open conﬂict or war, it might indicate that the democratic hegemony since the Soviet Union’s collapse could be **short-lived** and that **a universal ‘democratic peace’ may still be far off**. The new

capitalist authoritarian powers are deeply integrated into the world economy. They partake of the development-open-trade-capitalist cause of peace, but not of the liberal democratic cause. Thus, it is crucially important that any protectionist turn in the system is avoided so as to prevent a grab for markets and raw materials such as that which followed the disastrous slide into imperial protectionism and conﬂict during the ﬁrst part of the twentieth century. Of course, the openness of the world economy does not depend exclusively on the democracies. In time, China itself might become more protectionist, as it grows wealthier, its labour costs rise, and its current competitive edge diminishes.¶ With the possible exception of the sore Taiwan problem, China is likely to be less restless and revisionist than the territorially conﬁned Germany and Japan were. Russia, which is still reeling from having lost an empire, may be more problematic. However, as China grows in power, it is likely to become more assertive, ﬂex its muscles, and behave like a superpower, even if it does not become particularly aggressive. The democratic and non-democratic powers may coexist more or less peacefully, albeit warily, side by side, armed because of mutual fear and suspicion, as a result of the so-called ‘security dilemma’, and against worst-case scenarios. But there is also the prospect of more antagonistic relations, accentuated ideological rivalry, **potential and actual conﬂict,** intensiﬁed arms races, and even new cold wars, with spheres of inﬂuence and opposing coalitions. Although great power relations will probably vary from those that prevailed during any of the great twentieth-century conﬂicts, as conditions are never quite the same, they may vary less than seemed likely only a short while ago.

#### **Fwk**

#### **The standard is maximizing expected wellbeing - hedonistic act util**

#### **1] Actor spec—governments must use util because they don’t have intentions and are constantly dealing with tradeoffs—outweighs since different agents have different obligations—takes out calc indicts since they are empirically denied.**

#### **2] Death is bad and outweighs – a] agents can’t act if they fear for their bodily security which constrains every ethical theory, b] it destroys the subject itself – kills any ability to achieve value in ethics since life is a prerequisite which means it’s a side constraint since we can’t reach the end goal of ethics without life**

#### **4] Extinction outweighs**

MacAskill 14 [William, Oxford Philosopher and youngest tenured philosopher in the world, Normative Uncertainty, 2014]

The human race might go extinct from a number of causes: asteroids, supervolcanoes, runaway climate change, pandemics, nuclear war, and the development and use of dangerous new technologies such as synthetic biology, all pose risks (even if very small) to the continued survival of the human race.184 And different moral views give opposing answers to question of whether this would be a good or a bad thing. It might seem obvious that human extinction would be a very bad thing, both because of the loss of potential future lives, and because of the loss of the scientific and artistic progress that we would make in the future. But the issue is at least unclear. The continuation of the human race would be a mixed bag: inevitably, it would involve both upsides and downsides. And if one regards it as much more important to avoid bad things happening than to promote good things happening then one could plausibly regard human extinction as a good thing.For example, one might regard the prevention of bads as being in general more important that the promotion of goods, as defended historically by G. E. Moore,185 and more recently by Thomas Hurka.186 One could weight the prevention of suffering as being much more important that the promotion of happiness. Or one could weight the prevention of objective bads, such as war and genocide, as being much more important than the promotion of objective goods, such as scientific and artistic progress. If the human race continues its future will inevitably involve suffering as well as happiness, and objective bads as well as objective goods. So, if one weights the bads sufficiently heavily against the goods, or if one is sufficiently pessimistic about humanity’s ability to achieve good outcomes, then one will regard human extinction as a good thing.187 However, even if we believe in a moral view according to which human extinction would be a good thing, we still have strong reason to prevent near-term human extinction. To see this, we must note three points. First, we should note that the extinction of the human race is an extremely high stakes moral issue. Humanity could be around for a very long time: if humans survive as long as the median mammal species, we will last another two million years. On this estimate, the number of humans in existence in the The future, given that we don’t go extinct any time soon, would be 2×10^14. So if it is good to bring new people into existence, then it’s very good to prevent human extinction. Second, human extinction is by its nature an irreversible scenario. If we continue to exist, then we always have the option of letting ourselves go extinct in the future (or, perhaps more realistically, of considerably reducing population size). But if we go extinct, then we can’t magically bring ourselves back into existence at a later date. Third, we should expect ourselves to progress, morally, over the next few centuries, as we have progressed in the past. So we should expect that in a few centuries’ time we will have better evidence about how to evaluate human extinction than we currently have. Given these three factors, it would be better to prevent the near-term extinction of the human race, even if we thought that the extinction of the human race would actually be a very good thing. To make this concrete, I’ll give the following simple but illustrative model. Suppose that we have 0.8 credence that it is a bad thing to produce new people, and 0.2 certain that it’s a good thing to produce new people; and the degree to which it is good to produce new people, if it is good, is the same as the degree to which it is bad to produce new people, if it is bad. That is, I’m supposing, for simplicity, that we know that one new life has one unit of value; we just don’t know whether that unit is positive or negative. And let’s use our estimate of 2×10^14 people who would exist in the future, if we avoid near-term human extinction. Given our stipulated credences, the expected benefit of letting the human race go extinct now would be (.8-.2)×(2×10^14) = 1.2×(10^14). Suppose that, if we let the human race continue and did research for 300 years, we would know for certain whether or not additional people are of positive or negative value. If so, then with the credences above we should think it 80% likely that we will find out that it is a bad thing to produce new people, and 20% likely that we will find out that it’s a good thing to produce new people. So there’s an 80% chance of a loss of 3×(10^10) (because of the delay of letting the human race go extinct), the expected value of which is 2.4×(10^10). But there’s also a 20% chance of a gain of 2×(10^14), the expected value of which is 4×(10^13). That is, in expected value terms, the cost of waiting for a few hundred years is vanishingly small compared with the benefit of keeping one’s options open while one gains new information.

on the ac:

#### **(1) Economic freedom empirically correlates with higher levels of wellbeing.**

Daniel M. **Gropper et al** (20**11**) (Daniel M. Gropper, Robert A. Lawson, Jere T. Thorne Jr.). "Economic Freedom and Happiness." Cato Journal, July 6, 2011. https://www.ciaonet.org/attachments/18681/uploads

**Using the best available data for a sample of well over 100 countries, this article finds a positive relationship between national levels of happiness and economic freedom. GDP per capita also exerts a strong positive influence** on happiness. The statistical impact of both economic freedom and GDP per capita appears to diminish as the other increases, but the combined effect of simultaneously increasing both economic freedom and GDP per capita, particularly for poorer and less free nations, is positive. **Around the world, freer people generally are wealthier, live longer, and are happier.**

#### **And, this relationship is directly causal, not spurious correlation.**

Hans **Pitlik et al** (20**15**) (Hans Pitlik, Dulce M. Redín, and Martin Rode). “Economic Freedom, Individual Perceptions of Life Control, and Life Satisfaction.” Fraser Institute. <https://www.fraserinstitute.org/sites/default/files/economic-freedom-individual-perceptions-of-life-control-life-satisfaction.pdf>

The individual and societal determinants of happiness have been heavily investigated in recent years and the findings indicate that one important correlate of life satisfaction is the degree to which people feel they are in control of their own lives. In a parallel manner, it has been shown that **economic freedom exerts an independent impact on life satisfaction over and above its impact on per-capita income** levels **and other indicators of material well-being**. Following Buchanan (2005), we examine the impact of economic institutions built on the principle of free choice upon individual perceptions of life control and consider the potential benefit that accrues to individuals in terms of their life satisfaction. **We find that living in a country with high overall economic freedom is a relevant determinant of feeling in control of one’s own life.** As one might expect, a substantial share of the impact of economic freedom on life satisfaction is actually channeled through life control. **Therefore, economic freedom** also **influences** individual **happiness by giving people the feeling of being more in control of their own lives and having the freedom to choose between** different **options in the market.**

#### **And, this outweighs any cap bad arguments: happiness is the bottom-line measure of human wellbeing so it subsumes other impacts, e.g. even if cap produces some degree of alienation, the happiness statistics show that it produces gains that outweigh that alienation. So to win cap bad they need to either read counter-statistics or show that the happiness correlation is spurious.**