



Heaven or Havoc: Rethinking Humanity's Race to Space

We seek a more informed public about what's going on above our heads, both literally and figuratively:

- The [nuts and bolts of satellites](#) – i.e. the number of satellites both in orbit and planned, their uses, regulation etc.
- Environmental impacts and other externalities – [space debris](#), energy consumption, ozone depletion, pollution from rocket launches, radiofrequency emissions affecting both wildlife and human health, [interference with astronomy](#) and [weather forecasting](#).
- The fact there has been zero environmental impact assessment.
- There's a billionaire race in the private sector to mine asteroids and the moon for minerals and other materials.
- Nuclear power is used for both rockets and base stations with plans underway for a nuclear reactor on the moon.
- The fact that seeking the high ground is a military strategy as old as time. In the words of Sun Tzu, Chinese military strategist and philosopher, 544 BC-496 BC, *"He who occupies the high ground...will fight to advantage."*

Space has become a war-fighting domain increasing the scope and lethality of war.

- Satellites weave together Earth, sea, space, bodies, minds, and hearts.
- Satellites weave together [all domains of warfare including 5G](#) known in the US as the [Joint All Domain Command and Control \(JADc2\)](#).
- Satellites have enabled the introduction of three new domains of warfare: [cyber](#), [cognitive](#), and [electromagnetic](#).
- [Satellites are essential](#) for both generating and gathering data for the race to Artificial General Intelligence and surveillance.
- Geopolitically we are on the cusp on WWII, and satellites are pivotal in a possible "nuclear exchange" and in mutual assured AI annihilation, aka [Mutually Assured AI Malfunction](#).
- The US and allies are intent on maintaining dominance in space through [speed of innovation](#), force, and military might.
- There has been no international treaty on the "use of" space since the [1967 Outer Space Treaty](#), yet the parameters have changed dramatically now rendering space a war-fighting domain.

A new paradigm is urgently needed.

- Humanity is at a turning point if we are to survive as a civilization or even as a species. Space offers a domain where we can try out cooperation and *mutually assured thriving*.
- We humans are not separate beings or nations, but are part of "we", an emergent plural – in relationship with one another and all living beings including Earth herself.
- Our institutions and cultural norms do not reflect this, are outdated, and out of sync with this understanding.
- Space offers a so-called "sandbox" where we can feel into more values-centered living to replace our current model of perpetual-growth, extraction, consumption, power-over, and war that has led us to the precipice of mutually assured destruction (MAD).
- The time is long overdue for peace and thriving for all living beings, Earth, and the heavens. Please help us to realize this vision.

Possible actions to be taken:

- Launch an International Space Declaration calling for both environmental assessment and the peaceful use of space.
- Via federal mandates require research into the environmental effects of current and proposed mega constellations.
- Share this video widely with elected reps, education institutions, and the public at large.
- Share these two brochures – Technology, Artificial Intelligence, the Military and War:
[Online Version PDF](#)
[Printable 3-Panel Version](#)
- Oppose all actions both locally and federally for the rapid and reckless approvals of satellites, cell towers, and all other wireless Earth-based infrastructure.

For more info about peace see:

[Global Network Against Weapons and Nuclear Power in Space](#), and [World Beyond War](#).

For more info about Tech and AI, check out [Safe Tech International](#).

For resources for reining in wireless infrastructure, see:

Americans for Responsible Technology's [Tool Kit](#) and Children's Health Defense [Community Empowering Consulting](#).