

Peace and the Planet: War, the Environment, and Your Taxes
Following is a script of this video with slide references

Introduction - Connections

Care of the Earth

People's Climate March (35 second video)

<https://www.youtube.com/watch?v=x8-dv34tVv8>

Peoples_Climate_March-x8-dv34tVv8.mkv

Connected to - Economic Justice

Nuns on the bus - movie trailer

https://www.youtube.com/watch?v=TJxU_f65gIk

Nuns_On_The_Bus_Movie__TRAILER-TjxU_f65gIk.mkv

Nuns on the Bus - - an overview of our journey

<https://www.youtube.com/watch?v=hi3HrNHXWqA>

Nuns_on_the_Bus__An_Overview_of_our_Journey-hi3HrNHXWqA.mkv

Connected to - Peace

Veterans for Peace

https://www.youtube.com/watch?v=J_HUyq7E_wU

Veterans_For_Peace—Peace_At_Home-Peace_Abroad-J_HUyq7E_wU.webm

Connected to - Abolition of Nuclear Weapons

President Obama anti-nuclear weapons speech in Prague, 2009

Global Zero activists: <https://www.youtube.com/watch?v=-HbjizKEqG4>

NARRATION BEGINS:

What do climate change activists,

NYC Climate March - Quaker Earthcare Witness – photo by Skip Schiel

https://www.facebook.com/masspeaceaction/photos/?tab=album&album_id=1015273958

[4370723](https://www.facebook.com/masspeaceaction/photos/?tab=album&album_id=1015273958) **Mass Peace Action**

advocates for economic justice,

People's Climate March - MAPA- Human Needs

https://www.facebook.com/masspeaceaction/photos/?tab=album&album_id=1015273958

[4370723](https://www.facebook.com/masspeaceaction/photos/?tab=album&album_id=1015273958)

and peace activists have in common?

People's Climate March - MAPA - Banner

https://www.facebook.com/masspeaceaction/photos/?tab=album&album_id=1015273958

[4370723](https://www.facebook.com/masspeaceaction/photos/?tab=album&album_id=1015273958)

SHARED VALUES

Peoples Climate March - MAPA

https://www.facebook.com/masspeaceaction/photos/?tab=album&album_id=1015273958

[4370723](https://www.facebook.com/masspeaceaction/photos/?tab=album&album_id=1015273958)

hopes for a healthy natural environment for future generations

https://commons.wikimedia.org/wiki/Category:Elementary_schools_in_the_United_States_-_/media/File:USA_Elementary_School.jpg

equal opportunity and

https://upload.wikimedia.org/wikipedia/commons/6/69/Imaginando_o_oceano_as_criancas_brincam_na_poça_d%27água.jpg

respect for all life

https://commons.wikimedia.org/wiki/Category:Children_with_animals_-_/media/File:Reptilia_live_reptile_show_child_and_snake.jpg

War and preparations for war

http://commons.wikimedia.org/wiki/File:Operation_Desert_Storm_22.jpg

contribute to climate change, destroy life and the environment

https://commons.wikimedia.org/wiki/Ursus_maritimus_-_/media/File:Eisbär_1996-07-23.jpg

and drain the treasury of money for the common good :

https://commons.wikimedia.org/wiki/Lincoln_Memorial_-_/media/File:LincolnMemorialAussen.JPG

for education,

https://commons.wikimedia.org/wiki/Child_-_/media/File:Story_Time.jpg

medical research

https://commons.wikimedia.org/wiki/File:Agarplate_redbloodcells_edit.jpg

housing

https://commons.wikimedia.org/w/index.php?title=Special:Search&limit=20&offset=20&profile=default&search=PUBLIC+HOUSING+US&searchToken=c3n3dkbh3lbhy3is0tqcqded_-_/media/File:Lauderdale_Courts_Public_Housing_Project_Uptown_Square_Memphis_TN.jpg

health care

[https://commons.wikimedia.org/w/index.php?search=non+communicable+diseases+kit&title=Special:Search&go=Go&searchToken=9ezgssd83xvlykaz9q4tttzmv_-_/media/File:A_nurse_with_a_non-communicable_diseases_kit,_Fiji,_2012._Photo-DFAT_\(13253315924\).jpg](https://commons.wikimedia.org/w/index.php?search=non+communicable+diseases+kit&title=Special:Search&go=Go&searchToken=9ezgssd83xvlykaz9q4tttzmv_-_/media/File:A_nurse_with_a_non-communicable_diseases_kit,_Fiji,_2012._Photo-DFAT_(13253315924).jpg)

Efforts to address environmental issues, whether the effort is large in scope, like the reclamation of an area the size of Belgium on the Loess Plateau in China,

<https://commons.wikimedia.org/w/index.php?search=Loess+Plateau+china&title=Special:Search&go=Go&uselang=en&searchToken=6prkwmrwgfxcj9gyzuq6fc> -
[/media/File:Loess_landscape_china.jpg](#)

following centuries of soil and forest degradation

<https://upload.wikimedia.org/wikipedia/commons/f/f7/5770-Linxia-Wanshou-Guan-walnut-tree.jpg>

or one of the many thousand grass roots projects like Trees for the Future, a sustainable agriculture program that has planted 750,000 trees in Senegal, one of Africa's most stable democracies, can only be successful in peaceful societies.

<https://trees.org/>

SLIDE: CONFLICT RESOLUTION

Since WWII, the US has not won a major war.

https://commons.wikimedia.org/wiki/May_7_-_/media/File:News_V.E._Day_BAnQ_P48S1P12270.jpg

Negotiations, rather than military victory, have brought an end to conflict:

<https://commons.wikimedia.org/w/index.php?search=sherman+korea&title=Special:Search&go=Go&searchToken=emecfjsjpmg7xbrfuysfh9ak> - [/media/File:Sherman-korea.jpg](#)

In Korea in 1953 with an armistice

<https://upload.wikimedia.org/wikipedia/commons/a/af/KoreanWarRefugeeWithBaby.jpg>

signed by North and South Korea, China and the US

https://upload.wikimedia.org/wikipedia/commons/b/b5/Korean_War_armistice_agreement_1953.jpg

and in Vietnam in 1973

https://commons.wikimedia.org/wiki/Category:Battle_of_Khe_Sanh#/media/File:F-100_drops_bomby_near_Khe_Sanh_1968.jpg

when the Paris Peace Accords were signed

https://commons.wikimedia.org/wiki/File:Vietnam_peace_agreement_signing.jpg

In 1978, President Jimmy Carter pressed for a peace treaty

https://commons.wikimedia.org/wiki/Jimmy_Carter_-_/media/File:JimmyCarterPortrait.jpg

between Israel and Egypt ending a state of war that had existed for 25 years.

<https://commons.wikimedia.org/w/index.php?search=Henry+Kissinger+and+Anwar+Sadat&title=Special:Search&go=Go&searchToken=bk693o0cnbkrk478j7llr1spu> -
[/media/File:Sadat_and_Kissinger_-_Flickr_-_The_Central_Intelligence_Agency_\(1\).jpg](#)

The Civil War in Bosnia ended with the peace agreement signed in Dayton, Ohio.

[https://commons.wikimedia.org/w/index.php?search=DAYTON+PEACE+ACCORDS&title=Special:Search&go=Go&uselang=en&searchToken=sfcjv50ecyf6p5op46gb1g1 - /media/File:DaytonAgreement.jpg](https://commons.wikimedia.org/w/index.php?search=DAYTON+PEACE+ACCORDS&title=Special:Search&go=Go&uselang=en&searchToken=sfcjv50ecyf6p5op46gb1g1-/media/File:DaytonAgreement.jpg)

In 1998, as US Special Envoy to Northern Ireland, former senator George Mitchell was instrumental

[https://commons.wikimedia.org/wiki/George_J._Mitchell - /media/File:GeorgeJMitchellPortrait.jpg](https://commons.wikimedia.org/wiki/George_J._Mitchell_-_/media/File:GeorgeJMitchellPortrait.jpg)

in forging the Good Friday Peace Agreements that put an end to 30 years of war in Northern Ireland.

https://commons.wikimedia.org/wiki/File:Killed_in_the_Troubles_-_panoramio.jpg

SLIDE: THE US MILITARY BUDGET

Although the wars of the 21st century have led to more war

https://commons.wikimedia.org/wiki/File:Buried_IED_blast_in_2007_in_Iraq.jpg

rather than to peace, American tax dollars continue to support the world's most powerful and lethal

https://commons.wikimedia.org/w/index.php?search=2nd+battalion+1st+marines+fallujah&title=Special:Search&go=Go&searchToken=8tmezdnpt7jiicfjnlxo3vkea - /media/File:2nd_Battalion_1st_Marines_Firefight_in_Fallujah_2004.jpg

military machine whose purpose is not primarily the defense of the United States

https://commons.wikimedia.org/w/index.php?search=Global+strike+command+tests&title=Special:Search&go=Go&searchToken=1x3jqti1ey8ust6ok2gfka0w9#/media/File:Global_strike_command_tests_ICBM,_bomber_capabilities_150327-F-IN231-001.jpg

but the support of global corporations

[https://commons.wikimedia.org/wiki/Category:Boeing - /media/File:Ridley_Park_PA_Boeing.JPG](https://commons.wikimedia.org/wiki/Category:Boeing_-_/media/File:Ridley_Park_PA_Boeing.JPG)

[https://commons.wikimedia.org/wiki/Category:Northrop_Grumman - /media/File:Clearfield_City_Northrop_Grumman.jpg](https://commons.wikimedia.org/wiki/Category:Northrop_Grumman_-_/media/File:Clearfield_City_Northrop_Grumman.jpg)

the fossil fuel industry

[https://commons.wikimedia.org/wiki/Category:ExxonMobil - /media/File:Exxon_Mobil_oil_refinery_-_Baton_Rouge,_Louisiana.jpg](https://commons.wikimedia.org/wiki/Category:ExxonMobil_-_/media/File:Exxon_Mobil_oil_refinery_-_Baton_Rouge,_Louisiana.jpg)

and the military-industrial-congressional complex

https://commons.wikimedia.org/w/index.php?title=Special:Search&limit=20&offset=60&profile=default&search=US+military+pentagon&searchToken=2jpfr3hzi10pok8bhxhd1v0f - /media/File:Pentagon_Breakfast_meeting,_February_1,_2007.JPG

Because of relentless war-planning and the Pentagon's strategy

https://commons.wikimedia.org/wiki/File:TETHERED_MINUTEMAN_MISSILE_LAUNCH_TEST_AREA_1-100.Original_is_a_color_print.-

[Edwards Air Force Base, Air Force Rocket Propulsion Laboratory, Leuhman Ridge near Highways 58 HAER CAL,15-BORON.V,4-5.tif](#)

of maintaining overwhelming military superiority a doctrine called "Full Spectrum Dominance"

https://commons.wikimedia.org/wiki/File:Minuteman_III_missile_postboost_vehicle.jpg

the US spends more on its military than the next 7 nations combined, including Russia and China

<https://www.nationalpriorities.org/campaigns/us-military-spending-vs-world/>

supporting: more than 800 military bases and installations, many of them secret, in over 130 countries

[https://commons.wikimedia.org/wiki/War_in_Afghanistan_\(2001-present\) - /media/File:GardezFOB.jpg](https://commons.wikimedia.org/wiki/War_in_Afghanistan_(2001-present)_-_media/File:GardezFOB.jpg)

in over 130 countries. Hundreds of naval vessels

[https://commons.wikimedia.org/w/index.php?search=US+Fleet+Activities+Sasebo+airia+view&title=Special:Search&go=Go&searchToken=bzxm0lly752zvecgt54gnkv56 - /media/File:US Fleet Activities Sasebo aerial view June 2014.JPG](https://commons.wikimedia.org/w/index.php?search=US+Fleet+Activities+Sasebo+airia+view&title=Special:Search&go=Go&searchToken=bzxm0lly752zvecgt54gnkv56_-_media/File:US_Fleet_Activities_Sasebo_aerial_view_June_2014.JPG)

including 19 functional aircraft carriers, patrolling all the world's oceans and seas,

[https://commons.wikimedia.org/w/index.php?search=USS+Harry+S.+Truman&title=Special:Search&go=Go&searchToken=87frha1ky3hi2piqdbuvtf0nx - /media/File:The X-47B taxies aboard USS Harry S. Truman..jpg](https://commons.wikimedia.org/w/index.php?search=USS+Harry+S.+Truman&title=Special:Search&go=Go&searchToken=87frha1ky3hi2piqdbuvtf0nx_-_media/File:The_X-47B_taxies_ aboard_USS_Harry_S._Truman..jpg) (see. 6:39)

and more than three times the number of aircraft than Russia has

[https://commons.wikimedia.org/wiki/Lockheed_Martin_F-35_Lightning_II - /media/File:Lockheed F-35 Joint Strike Fighter.jpg](https://commons.wikimedia.org/wiki/Lockheed_Martin_F-35_Lightning_II_-_media/File:Lockheed_F-35_Joint_Strike_Fighter.jpg)

and more than 4 1/2 times those of China

[https://commons.wikimedia.org/wiki/File:A_B-1B aircraft passes over the ocean while on a flight out of Anderson Air Force Base, Guam, during Exercise Giant Warrior %2789 DF-ST-90-10777.jpg](https://commons.wikimedia.org/wiki/File:A_B-1B_aircraft_passes_over_the_ocean_while_on_a_flight_out_of_Anderson_Air_Force_Base,_Guam,_during_Exercise_Giant_Warrior_%2789_DF-ST-90-10777.jpg)

American military power is thus projected around the world, including on the doorsteps of rival nations

[https://commons.wikimedia.org/wiki/File:Valiant_Shield - B2 Stealth bomber from Missouri leads ariel formation.jpg](https://commons.wikimedia.org/wiki/File:Valiant_Shield_-_B2_Stealth_bomber_from_Missouri_leads_ariel_formation.jpg)

From the Naval Air Station in Guam, 1800 miles from China (the distance between NY and San Antonio) and in other bases in the Pacific

https://commons.wikimedia.org/wiki/File:US_Naval_Base_Guam_160305-N-PD309-103.jpg

US ships and planes challenge the Chinese in the South China Sea

<https://commons.wikimedia.org/w/index.php?search=US+Navy+in+South+China+Sea&title=Special:Search&go=Go&uselang=en&searchToken=elmnuxrt3zsi1ubiqvqyzxpjm> -

US soldiers train government troops in Ukraine

[https://commons.wikimedia.org/wiki/Category:Fearless_Guardian_-_/media/File:150817-A-DU810-004_\(20693691386\).jpg](https://commons.wikimedia.org/wiki/Category:Fearless_Guardian_-_/media/File:150817-A-DU810-004_(20693691386).jpg)

and our ships conduct aggressive military exercises in the Black Sea, on Russia's shores

[https://commons.wikimedia.org/wiki/File:USS_Porter_operates_in_the_Black_Sea_\(21981689638\).jpg](https://commons.wikimedia.org/wiki/File:USS_Porter_operates_in_the_Black_Sea_(21981689638).jpg)

while Russian ships roam the North Atlantic

<https://upload.wikimedia.org/wikipedia/commons/e/ea/«Ростов-на-Дону».jpg>

The full spectrum dominance scenario has intensified the militarization of space by the US

https://upload.wikimedia.org/wikipedia/commons/thumb/1/19/Space_railgun.jpg/1280px-Space_railgun.jpg

with the Russians and Chinese also developing their capacity for space warfare

https://commons.wikimedia.org/wiki/Category:Space_weapons_-_/media/File:Soviet-space-based-strategic-defenses-DIA.jpg

(Barney Frank Sequence - Producer: Daniel J. Fitzmartin)

(Repeat: Veterans for Peace clip)

SLIDE: NUCLEAR WEAPONS

While arms control agreements have diminished nuclear weapons' arsenals, the arsenals of the nine nuclear-weapons states hold about 15,000 nuclear weapons. The US and Russia possess 90% of those weapons

<http://web.mit.edu/fnl/volume/284/fnl284.pd>

with over 3000 of them deployed and aimed at each others' nations

https://commons.wikimedia.org/wiki/Minuteman_-_/media/File:Minuteman_III_MIRV_path.svg

a massive nuclear exchange is likely to result in nuclear winter

[https://commons.wikimedia.org/wiki/File:Embedded_iceberg_\(8093677738\).jpg](https://commons.wikimedia.org/wiki/File:Embedded_iceberg_(8093677738).jpg)

disrupting the earth's systems and ending all life as we know it.

https://commons.wikimedia.org/w/index.php?search=Lake+Cartolina&title=Special:Search&go=Go&searchToken=efchktkdrkoy3lllq3qxryf14_-_/media/File:Cartolina.jpeg

SLIDE: NUCLEAR WAR IS ENVIRONMENTAL CATASTROPHE

In exchange for Republican ratification of a new nuclear arms reduction treaty with the Russians

<https://commons.wikimedia.org/w/index.php?title=Special:Search&limit=20&offset=40&profile=default&search=thermonuclear+bombs&searchToken=8n5cawmr41khszbc2bssml42c> - /media/File:Ivy_Mike_(Eniwetok-Atoll_-_31._Oktober_1952).jpg

President Obama approved plans to "modernize" the US nuclear arsenal over the next 30 years

https://commons.wikimedia.org/wiki/Barack_Obama_-_/media/File:Barack_Obama_arrives_at_Baghdad_International_Airport_4-7-09_2.JPG

ostensibly to enhance safety, effective management,

<https://commons.wikimedia.org/w/index.php?title=Special:Search&search=mk+17+theronuclear+bomb+national+museum+of+nuclear+science&fulltext=1&profile=default&searchToken=6bz3nkgq33gbkv4988a0xzo8w-h>

and reliability of nuclear weapons.

https://commons.wikimedia.org/wiki/File:Mark_7_nuclear_bomb_at_USAF_Museum.jpg

The total estimated cost for this program is 1.2 trillion dollars —

GRAPHIC: 1.2 Trillion Dollars superimposed on \$1 bill

https://commons.wikimedia.org/wiki/United_States_dollar_-_/media/File:United_States_one_dollar_bill,_obverse.jpg

over 40 billion dollars annually.

GRAPHIC: 40 billion every year superimposed on \$1 bill

https://commons.wikimedia.org/wiki/United_States_dollar_-_/media/File:United_States_one_dollar_bill,_obverse.jpg

Forty billion is close to 8 billion more than the National Institutes of Health invest in medical research

<https://commons.wikimedia.org/w/index.php?title=Special:Search&search=national+institutes+of+health&fulltext=1&profile=default&searchToken=7shllfin4y681alna2kr0hln1-> /media/File:Chemical_Genomics_Robot.jpg

and nearly 3 times the Department of the Interior expenditures in the last year of the Obama administration

https://commons.wikimedia.org/wiki/Category:United_States_Department_of_the_Interior_building_-_/media/File:Department_of_the_Interior_by_Matthew_Bisanz.JPG

Furthermore, the Trump administration is planning, under the modernization, to produce a new nuclear cruise missile with a variable yield

https://commons.wikimedia.org/wiki/AGM-129_ACM_-_/media/File:AGM-129_ACM_-_ID_DF-SD-04-03208.JPEG

Able to be launched virtually without detection to anywhere on earth, such a bomb could be used as a "limited" first strike weapon.

https://upload.wikimedia.org/wikipedia/commons/thumb/6/6a/CIA_WorldFactBook-Political_world.pdf/page1-1280px-CIA_WorldFactBook-Political_world.pdf.jpg

VOICEOVER: "We want our adversaries to think that we have the capability — and the will — to use our nuclear weapons. It's in America's interest to keep the Russians guessing if the 'crazy Americans' will pull the trigger." Adam Lowther, Director of the US Air Force's School for Advanced Nuclear Deterrence Studies, Kirtland Air Force Base, New Mexico

Implementation of the nuclear weapons modernization plan assures that the widespread call to eliminate nuclear weapons

https://commons.wikimedia.org/wiki/File:Anti-nuclear_weapons_protest,_UK_1980.JPG

including that of President Obama himself and preceding presidents, will be largely disregarded for three decades.

https://commons.wikimedia.org/wiki/Barack_Obama_-_media/File:Five_Presidents_Oval_Office.jpg

and a new nuclear arms race with Russia and China is likely to develop.

https://upload.wikimedia.org/wikipedia/commons/thumb/6/6a/CIA_WorldFactBook-Political_world.pdf/page1-1280px-CIA_WorldFactBook-Political_world.pdf.jpg

SLIDE: PAYING FOR IT

More than half the discretionary budget goes to the military

<https://www.nationalpriorities.org/budget-basics/federal-budget-101/spending/>

much of it funding a vast weapons-manufacturing system and enormous salaries for their CEOs, like Marillyn Hewson of Lockheed Martin

https://commons.wikimedia.org/wiki/Category:Marillyn_Hewson_-_media/File:Marillyn_Hewson.jpg

who earned over 20 million dollars in total compensation in 2015.

(20 million superimposed on -

https://commons.wikimedia.org/wiki/United_States_dollar_-_media/File:United_States_one_dollar_bill,_obverse.jpg

Compare this to the average minimum wage of less than \$12.00 an hour.

Nuns On The Bus clip

During the last year of the Obama administration, the military budget of \$625 billion took 54 cents out of every discretionary tax dollar.

54 cents superimposed on-

https://commons.wikimedia.org/wiki/United_States_dollar_-_media/File:United_States_one_dollar_bill,_obverse.jpg

By 2017 the overall cost of wars in Afghanistan, Iraq, and Pakistan exceeded 4 trillion dollars

SLIDE: (4 Trillion superimposed on-

https://commons.wikimedia.org/wiki/United_States_dollar_-_media/File:United_States_one_dollar_bill_obverse.jpg

To provide some perspective, one trillion seconds equals 31,688 years.

SLIDE: ONE TRILLION SECONDS = 31,688 YEARS

Fifty-eight thousand bridges in the US, including the Brooklyn Bridge, are structurally deficient. Sixty-two billion dollars, 10% of the total military budget, would repair half of them.

https://commons.wikimedia.org/w/index.php?search=Booklyn+Bridge&title=Special:Search&go=Go&uselang=en&searchToken=9zn7yfihf760rgnox40v8edaq_-_media/File:Die_legendäre_Booklyn_Bridge_-_eine_der_schönsten_Hängebrücken_der_Welt_-_panoramioh

Six hundred and eighty-one million, roughly the cost of 2 Navy F-35C fighter jets,

https://commons.wikimedia.org/wiki/Lockheed_Martin_F-35_Lightning_II_-_media/File:Lockheed_F-35_Joint_Strike_Fighter.jpg

would salvage and protect all superfund toxic waste sites for one year.

https://commons.wikimedia.org/wiki/Category:Church_Rock_uranium_mill_-_media/File:Church_Rock_uranium_mill.jpeg

A savings of even 1% of the Department of Defense budget, not including the cost of war

https://commons.wikimedia.org/wiki/File:The_Pentagon_US_Department_of_Defense_building.jpg

could provide:

over 95,000 infrastructure jobs for one year

https://commons.wikimedia.org/wiki/Road_building_-_media/File:AF-asphalt-laying-machine.jpg

more than 593,000 head start jobs for one year

[https://commons.wikimedia.org/w/index.php?search=Head+Start+Program&title=Special:Search&go=Go&uselang=en&searchToken=9vo0yekb1410gulmnbw6328b_-_media/File:Head_Start_visits_New_River_Trail_\(8770602500\).jpg](https://commons.wikimedia.org/w/index.php?search=Head+Start+Program&title=Special:Search&go=Go&uselang=en&searchToken=9vo0yekb1410gulmnbw6328b_-_media/File:Head_Start_visits_New_River_Trail_(8770602500).jpg)

a year's worth of solar electricity for 3.68 million households.

https://commons.wikimedia.org/wiki/Category:Solar_cell_panels_on_roofs_in_the_United_States_-_media/File:Solar_panels_on_house_roof.jpg

SLIDE: THE HUMAN COSTS

VOICEOVER: "You take the city down. You get rid of their water, power. In two, three, four, five days they are physically, emotionally, psychologically exhausted."

Harlan Ullman, one of the architects of "Shock and Awe". Interview on CBS, July 30, 2006

https://commons.wikimedia.org/wiki/File:3rd_Battalion,_3rd_Marines_-_Afghanistan.jpg

US forces fired 800 Tomahawk Cruise Missiles into Baghdad during the first two days of the Iraq war.

https://commons.wikimedia.org/w/index.php?search=tomahawk+cruise+missile+launch&title=Special:Search&go=Go&searchToken=er9tvtf6bw4cufz1rculwwti_-_media/File:Tomahawk_Missile_Launch_DVIDS379867.jpg

Although "Shock and Awe" was intended to so cripple Iraq that US troops would not face serious combat,

https://commons.wikimedia.org/wiki/Iraq_War_-_media/File:Flight_to_Iraq.JPG

by 2016, that war took the lives of 4,512 US soldiers

<https://commons.wikimedia.org/w/index.php?title=Special:Search&limit=20&offset=20&profile=default&search=US+soldiers+killed+in+Iraq&searchToken=11180fku5s9uxy0i62yo6iz24-h>

with almost 32,000 wounded.

https://commons.wikimedia.org/wiki/Category:Al_Anbar_campaign-h

The Department of Veterans' Affairs estimates that 11% of Afghan war veterans and 20% of Iraq war veterans suffer from Post Traumatic Stress.

https://commons.wikimedia.org/w/index.php?title=Special:Search&limit=20&offset=60&profile=default&search=Post+Traumatic+Stress+Disorder&searchToken=78bcsj44fv3y518jxtmjds2e_-_media/File:USMC-120229-M-CH233-012.jpg

The US does not keep records for civilian deaths in either Afghanistan or Iraq.

https://commons.wikimedia.org/w/index.php?search=Haditha+massacre&title=Special:Search&profile=default&fulltext=1&searchToken=d4pdvcxqa12qjdiaifjivnm45_-_media/File:Haditha_massacre.jpg

Estimates by independent organizations covering the first 16 years of warfare, vary from a few hundred thousand to over a million

https://commons.wikimedia.org/wiki/File:Iraq_war_protest_poster.jpg

either as a result of direct hostilities or from malnutrition, stress, and lack of access to clean water or medical care, and other privations of war

https://upload.wikimedia.org/wikipedia/commons/1/15/Defense.gov_News_Photo_041014-F-6871S-001.jpg

Future generations, too, have been imperiled by the heavy use of nuclear waste in the form of depleted uranium in bombs, missiles and bullets.

https://commons.wikimedia.org/wiki/M1_Abrams_-_media/File:M1_abrams_loading_the_main_gun.jpg

Within a year of the invasion of Iraq, a UN environmental report estimated that at least 4 million pounds of radioactive dust covered the country.

https://commons.wikimedia.org/wiki/Iraq_War_-_/media/File:T-54s,_T-55s,_Type_59s_or_Type_69s_at_Diwaniyah,_Iraq.jpg

Depleted uranium has a half-life of 4.5 billion years

<http://en.wikipedia.org/wiki/File:30mm-DU-penetrator.gif>

meaning that the people of Iraq and Afghanistan

[https://commons.wikimedia.org/wiki/Category:Children_of_Iraq_-_/media/File:US_Navy_050208-N-1438S-004_Iraqi_children_stand_outside_a_project_site_having_received_Meals_Ready_to_Eat_\(MRE\)_from_a_Seabee_convoy_driver.jpg](https://commons.wikimedia.org/wiki/Category:Children_of_Iraq_-_/media/File:US_Navy_050208-N-1438S-004_Iraqi_children_stand_outside_a_project_site_having_received_Meals_Ready_to_Eat_(MRE)_from_a_Seabee_convoy_driver.jpg)

face increased rates of cancer,

https://commons.wikimedia.org/w/index.php?search=Girls+in+southern+afghanistan&title=Special:Search&go=Go&searchToken=5yhk11tc921ri1sw0baohjth8_-_/media/File:Children_girls_in_southern_Afghanistan.jpg

birth defects, and miscarriages until the end of time.

<http://www.holywar.org/txt/027.htm>

By inhaling the radioactive dust released when a weapon containing depleted uranium ignites, thousands of US veterans are also suffering radiation-induced cancers and other illnesses

http://www.gulfwarvets.com/du_montana_billboard.htm

SLIDE: WAR ON THE EARTH

SLIDE AND VOICEOVER: "Of course it's about oil, it's very much about oil, and we can't really deny that. We're treating the Arab world as one big gas station."

General John Abizaid. US Central Command, with responsibility for Iraq.

https://commons.wikimedia.org/wiki/John_Abizaid_-_/media/File:John_Abizaid.jpg

Ironically, to secure access to cheap oil, the US military has become the largest single consumer of oil in the world.

https://commons.wikimedia.org/wiki/Oil_refinery_-_/media/File:Anacortes_Refinery_32017.JPG

In 2008, Forbes Magazine reported that fuel costs for the wars in Afghanistan and Iraq came to \$3 million a day

https://commons.wikimedia.org/w/index.php?title=Special:Search&limit=20&offset=140&profile=default&search=Abrams+tank&searchToken=4cnn307abmgii55mygxhgqwbh_-_/media/File:M1-A1_Abrams_Fire.jpg

https://commons.wikimedia.org/wiki/File:Boeing_NB-52B_takeoff_061127-F-1234S-007.jpg

https://upload.wikimedia.org/wikipedia/commons/3/30/USS_Momsen_DDG-92.jpg

<https://commons.wikimedia.org/w/index.php?title=Special:Search&limit=20&offset=80&profile=default&search=blackhawk+helicopter&searchToken=518fz2c9drrly7i5zx0kr5hxz> - /media/File:Blackhawk.jpg

An M-1 Abrams Tank uses 252 gallons of fuel per hour

https://commons.wikimedia.org/wiki/M1_Abrams - /media/File:M1-A1_Abrams_Fire.jpg

The F-15 consumes 1600 gallons per hour

https://commons.wikimedia.org/wiki/Bagram_Air_Base - /media/File:An_F-15E_Strike_Eagle_of_the_335th_Fighter_Squadron_at_Bagram.jpg

And the B-52 Stratocruiser, 3,334 gallons per hour

https://commons.wikimedia.org/wiki/B-52_Stratofortress - /media/File:Boeing_NB-52B_takeoff_061127-F-1234S-007.jpg

Nearly 7 times the 500 gallons consumed by the average US driver in a year.

https://commons.wikimedia.org/wiki/Category:Roads_in_Virginia - /media/File:4_VA_USA_-_panoramio.jpg

In just 2 months, emissions related to military fuel consumption in Iraq alone cancelled out four years' worth of emissions reduction

Collage of these slides:

<https://commons.wikimedia.org/w/index.php?title=Special:Search&limit=20&offset=140&profile=default&search=Abrams+tank&searchToken=4cnn307abmgii55mygxhgqwbh> - /media/File:M1-A1_Abrams_Fire.jpg

https://commons.wikimedia.org/wiki/File:Boeing_NB-52B_takeoff_061127-F-1234S-007.jpg

https://upload.wikimedia.org/wikipedia/commons/3/30/USS_Momsen_DDG-92.jpg

<https://commons.wikimedia.org/w/index.php?title=Special:Search&limit=20&offset=80&profile=default&search=blackhawk+helicopter&searchToken=518fz2c9drrly7i5zx0kr5hxz> - /media/File:Blackhawk.jpg

achieved through San Francisco's emissions reduction plan

https://commons.wikimedia.org/wiki/San_Francisco_Bay - /media/File:Golden_Gate_Bridge_Aerial.jpg

While the use of fuel can at least be roughly calculated, and the destructive aftermath of bombardments is obvious,

https://commons.wikimedia.org/wiki/Category:Battle_of_Aleppo - /media/File:Battle_of_Aleppo.jpg

the effect of wartime explosions on the atmosphere, and therefore, on climate change cannot be precisely determined.

https://commons.wikimedia.org/w/index.php?title=Special:Search&limit=20&offset=20&profile=default&search=bomb+explosions&searchToken=dy1hapcgid34o380510whor51-/media/File:TA-4_Skyhawk_flies_ovr_bomb_explosion_in_1984.JPG

However, it can be reliably assumed that the fires started by

https://commons.wikimedia.org/wiki/File:Car_bomb_in_Iraq.jpg

bomb explosions release massive amounts of carbon dioxide as well as ash and soot into the atmosphere

[https://commons.wikimedia.org/w/index.php?search=UN+Office+of+Humanitarian+Coordinator+Baghdad&title=Special:Search&go=Go&searchToken=e7jjh3euvdi1hwe0r973spwx6-/media/File:UNOfficeofHumanitarianCoordinator-Baghdad_\(UN_DF-SD-04-02188\).jpg](https://commons.wikimedia.org/w/index.php?search=UN+Office+of+Humanitarian+Coordinator+Baghdad&title=Special:Search&go=Go&searchToken=e7jjh3euvdi1hwe0r973spwx6-/media/File:UNOfficeofHumanitarianCoordinator-Baghdad_(UN_DF-SD-04-02188).jpg)

As does the bombing of fuel depots and petrochemical plants.

https://commons.wikimedia.org/w/index.php?search=petrochemical+plants&title=Special:Search&go=Go&uselang=en&searchToken=5807g73g22wc1yqv8toyb8t48-/media/File:Petrochemical_plant_-_geograph.org.uk_-_479044.jpg

"The fate of the climate movement and the fate of the peace movement are intimately bound together. " Paul Shannon, American Friends Service Committee
SLIDE: Quaker Earthcare Witness at Climate March in NY, 2012
SLIDE: Mass Peace Action, Boston, 2016

In urban warfare, chemicals from destroyed building materials, plastics, cell phones, computers, and other elements of modern life also release large quantities of greenhouse gasses.

https://commons.wikimedia.org/wiki/File:US_Navy_060328-N-7586B-023_Iraqi_Police_%28IP%29_and_local_firefighters_sift_through_the_rubble_looking_for_evidence_following_and_unexplained_explosion_and_building_collapse.jpg

On September 11, 2001, New Yorkers experienced the effects of urban warfare.

SLIDE: SEPTEMBER 11, 2001

The enormous toxic dust cloud that rolled through the streets and buildings of Lower Manhattan contained glass fibers, PCBs and many other toxic materials
http://commons.wikimedia.org/wiki/File:Manhattan_on_September_12_-_Landsat7.jpg

Columnist Joseph Kahn of the Boston Globe visited the site three weeks later

https://upload.wikimedia.org/wikipedia/commons/a/a4/FEMA_-_3913_-_Photograph_by_Andrea_Booher_taken_on_09-15-2001_in_New_York.jpg

SLIDE AND VOICEOVER: "Debris from the Twin Towers lay everywhere. Computer parts, melted telephones. The sights, sounds, and smells I encountered that day will stay with me forever." Joseph Kahn, Boston Globe

https://upload.wikimedia.org/wikipedia/commons/8/8a/010915-N-3995K-024_Old_Glory_at_ground_zero.jpg

SLIDE: WHAT OUR MONEY BUYS

Producing and testing the weapons and machinery of war have serious consequences for human life and the environment.

[https://commons.wikimedia.org/wiki/Category:Marine_Corps_Base_Camp_Pendleton_training_-_/media/File:13th_MEU_conducts_simulated_raid_during_COMPUTEX_\(9314168619\).jpg](https://commons.wikimedia.org/wiki/Category:Marine_Corps_Base_Camp_Pendleton_training_-_/media/File:13th_MEU_conducts_simulated_raid_during_COMPUTEX_(9314168619).jpg)

Nearly 900 out of the approximately 1,300 Superfund sites in the United States — those considered the most hazardous to human health and to the environment — are military-related.

https://commons.wikimedia.org/wiki/Category:Superfund_sites_-_/media/File:Superfund_sites.svg

Hanford, Washington, where the bomb that destroyed Nagasaki was built, is the biggest Superfund site in the United States.

https://commons.wikimedia.org/w/index.php?title=Special:Search&limit=20&offset=40&profile=default&search=Hanford+Washington&searchToken=8gx83xot9gxpu52muyk6bpdap_-_/media/File:Hanford_-_B_Area_in_WWII.crop.jpg

Because of Hanford's proximity to the Columbia River, threats to the delicate surrounding ecosystem continue.

[https://commons.wikimedia.org/w/index.php?title=Special:Search&limit=20&offset=20&profile=default&search=Hanford+Washington&searchToken=37aepqrr97cyaffews2nlm7vs_-_/media/File:Columbia_River_at_Washington-Oregon_Border_\(1291998560\).jpg](https://commons.wikimedia.org/w/index.php?title=Special:Search&limit=20&offset=20&profile=default&search=Hanford+Washington&searchToken=37aepqrr97cyaffews2nlm7vs_-_/media/File:Columbia_River_at_Washington-Oregon_Border_(1291998560).jpg)

In 2009, the President's Cancer Panel determined that for over 25 years, as many as 500,000 people at Camp Lejeune in South Carolina were using drinking water containing toxic chemicals

https://commons.wikimedia.org/wiki/Category:Marine_Corps_Base_Camp_Lejeune_-_/media/File:%27Hell_in_a_Helmet%27_battalion_changes_commander_130611-M-PE262-002.jpg

related to military activity

https://commons.wikimedia.org/wiki/Category:Marine_Corps_Base_Camp_Lejeune_-_/media/File:112th_VALEX_160301-A-TV157-252.jpg

In historic Concord, Massachusetts

https://commons.wikimedia.org/wiki/Category:Minuteman_by_Daniel_Chester_French_-_/media/File:Minute_Man_National_Historical_Park_MIMA2583.jpg

a company called Nuclear Metals made depleted uranium rounds for the United States Army

Photo: Outside former Nuclear Metals taken by Ghanda Di Figlia

The company admitted to dumping 400,000 pounds of uranium waste in an outdoor pit. Although production ended in 1999, cleanup did not begin until 2016

Photo: Gate to former Nuclear Metals taken by Ghanda Di Figlia

In Europe, the Department of Defense has admitted that serious environmental damage exists at 70 bases on that continent.

https://upload.wikimedia.org/wikipedia/commons/thumb/6/6a/CIA_WorldFactBook-Political_world.pdf/page1-1280px-CIA_WorldFactBook-Political_world.pdf.jpg

for 60 years, the US Navy used the Puerto Rican island of Vieques

https://commons.wikimedia.org/w/index.php?title=Special:Search&limit=20&offset=20&profile=default&search=Vieques&searchToken=3g8g5m1xmpila9x5yxwvno52o - /media/File:Vieques_IMG_2478.jpg

as a bombing and gunnery practice range,

https://commons.wikimedia.org/w/index.php?search=vieques+puerto+rico&title=Special:Search&profile=default&fulltext=1&uselang=en&searchToken=48711fo4sgvvvu2dv6t8tv24f - /media/File:Uss_iowa_bb-61_pr.jpg

The cancer rate on Vieques, attributed to contamination of land and water,

https://commons.wikimedia.org/w/index.php?search=oropharyngeal+cancer&title=Special:Search&go=Go&searchToken=ahj3nkmuzgr6ayxjw3c11twzz - /media/File:IMRT_Oropharyngeal_cancer.jpg

is 27% higher than in the rest of Puerto Rico.

https://commons.wikimedia.org/w/index.php?search=interferon+bottles&title=Special:Search&go=Go&searchToken=d8rtmn6mn7s41hbvaymcy9bq - /media/File:Interferon_bottles.jpg

In South Korea, the US military dumped toxic formaldehyde into the Han River which runs through Seoul.

https://commons.wikimedia.org/wiki/Category:Han_River - /media/File:Seoul-Han.River.at.night-01.jpg

SLIDE: A DIFFERENT VISION

Ever since the Just War doctrine was first formulated by St. Augustine in the 5th century of the Common Era

[https://commons.wikimedia.org/wiki/Augustinus - /media/File:Giusto di Gand \(Joos van Wassenhove\), sant%27agostino.jpg](https://commons.wikimedia.org/wiki/Augustinus - /media/File:Giusto di Gand (Joos van Wassenhove), sant%27agostino.jpg)

it has been used by tyrants,

https://commons.wikimedia.org/wiki/Napoléon_Bonaparte - /media/File:Jacques-Louis_David_007.jpg

despots,

https://commons.wikimedia.org/wiki/File:Hitler_and_Mussolini_June_1940.jpg

and democratic political leaders to justify military action.

https://commons.wikimedia.org/wiki/George_W._Bush_-_/media/File:Bush-un-darfur.jpg

In the last decade of the 20th century, many people have challenged the idea that modern warfare

https://commons.wikimedia.org/w/index.php?search=bombed+out+street+in+mosul+north+iraq&title=Special:Search&go=Go&searchToken=9xstqz67ukok857onrcxb729_-_/media/File:Bombed_out_streets_of_Mosul_Northern_Iraq_Western_Asia_18_November_2016.jpg

especially nuclear warfare, with its inevitable high civilian casualties, can meet the Just War criteria.

https://commons.wikimedia.org/w/index.php?title=Special:Search&limit=20&offset=60&profile=default&search=nuclear+bomb+explosion&searchToken=1fwwozh2iyqci0fik3tncjvv_-_/media/File:FEMA_-_2720_-_Photograph_by_FEMA_News_Photo.jpg

In 2010, representatives of the Christian,

https://commons.wikimedia.org/wiki/Category:Altar_crosses_-_/media/File:Altar_Croce_British_Museum_July_2015-1.jpg

Muslim,

[https://commons.wikimedia.org/w/index.php?title=Special:Search&limit=20&offset=0&profile=default&search=Muslim+symbol&searchToken=6ep9hlwim44ca0itlennib38im_-_/media/File:Flag_of_the_Pakistan_Muslim_League_\(Q\).svg](https://commons.wikimedia.org/w/index.php?title=Special:Search&limit=20&offset=0&profile=default&search=Muslim+symbol&searchToken=6ep9hlwim44ca0itlennib38im_-_/media/File:Flag_of_the_Pakistan_Muslim_League_(Q).svg)

and Jewish faiths formulated 10 principles of Just Peacemaking based on their sacred texts and religious traditions.

https://commons.wikimedia.org/wiki/Star_of_David_-_/media/File:Leningrad_Codex_Carpet_page_e.jpg

Among those principles:

SLIDE WITH VOICEOVER: NON-VIOLENT DIRECT ACTION

as in Liberia in 2003 when peace negotiations to end 15 years of war came to a standstill,

https://commons.wikimedia.org/wiki/Maps_of_Liberia_-_/media/File:Topographic_map_of_Liberia-en.svg

Christian and Muslim women held a sit-in outside the presidential palace, refusing to let anyone leave until they signed a peace treaty.

http://www.delval.edu/cms/tiny_mce/jscripts/tiny_mce/plugins/filemanager/files/registrar/Pray_the_Devil.jpg

Under democratically-elected president, Ellen Johnson Sirleaf, a Nobel Prize winner, Liberia has advanced both economically and in terms of human rights.

https://commons.wikimedia.org/wiki/Elle_n_Johnson-Sirleaf_-_/media/File:Elle_n_Johnson-Sirleaf3.jpg

SLIDE WITH VOICEOVER: INDEPENDENT INITIATIVES TO REDUCE THREAT

In 1958, Nikita Khrushchev, leader of the Soviet Union initiated a unilateral halting of nuclear testing in the atmosphere.

https://commons.wikimedia.org/wiki/File:Nikita_Khrushchev19610603.jpg

President Dwight Eisenhower announced a ban on US testing later that year.

https://commons.wikimedia.org/wiki/Dwight_D._Eisenhower_-_/media/File:Dwight_D._Eisenhower,_official_photo_portrait,_May_29,_1959.jpg

In 1963, after years of complicated negotiations, both superpowers signed a treaty banning the testing of nuclear weapons in the atmosphere, underwater, and in space.

https://commons.wikimedia.org/w/index.php?search=John+Kennedy+Nikita+Khrushchev&title=Special:Search&go=Go&searchToken=42ue7b2mz1850p2jgbq2mamqd_-_/media/File:John_Kennedy,_Nikita_Khrushchev_1961.jpg

SLIDE WITH VOICEOVER: COOPERATIVE CONFLICT RESOLUTION (

With the help of Cuba, Norway, and Venezuela President Juan Manuel Santos of Columbia

https://commons.wikimedia.org/wiki/Juan_Manuel_Santos_-_/media/File:Santos_Calderon_Juam_M.jpg

negotiated with the Revolutionary Armed Forces of Columbia (the FARC)

https://commons.wikimedia.org/wiki/File:Diálogos_de_Paz_Firma_de_Cese_al_Fuego_d_el_Diálogo_de_Paz.jpg

to end 52 years of conflict in which more than 200,000 people were killed and 5 million displaced

https://commons.wikimedia.org/wiki/Category:Revolutionary_Armed_Forces_of_Columbia_-_/media/File:2012_car_bombing_in_bogota_colombia_2.JPG

SLIDE WITH VOICEOVER: JUST AND SUSTAINABLE ECONOMIC DEVELOPMENT

In addition to direct negotiations with the FARC

https://commons.wikimedia.org/wiki/Category:Revolutionary_Armed_Forces_of_Columbia_-_/media/File:Bandera_escudo_-_Flag_of_the_FARC-EP.JPG

president Santos has fostered policies like recovery of abandoned farms,

https://commons.wikimedia.org/w/index.php?search=farm+of+silveria+a+Baton&title=Special:Search&go=Go&searchToken=cs9x8az3pocz7xl65jf8qseef_-_/media/File:Farm_of_Silveria_A._Baton_in_Danao,_Cebu_2017_i.jpg

development of small-scale businesses,

https://commons.wikimedia.org/w/index.php?search=File%3ALas+Aguas01&title=Special:Search&fulltext=1&searchToken=1a1mzi0bn8z7oievy0pc33b0d - /media/File:Las_Aguas01.jpg

and the health, housing, and education needs of the poor.

https://commons.wikimedia.org/w/index.php?search=Plaza+del+Chorro&title=Special:Search&go=Go&searchToken=dun50015gpfrz636gd3b02jvd - /media/File:Plaza_del_Chorro_de_Quevedo.JPG

SLIDE WITH VOICEOVER: REDUCE OFFENSIVE WEAPONS AND THE WEAPONS TRADE

Reductions in the stockpiling and deployment of nuclear weapons have only been achieved through negotiations between US Presidents and leaders of the Soviet Union

https://commons.wikimedia.org/wiki/File:Ford_signing_accord_with_Brezhnev,_November_24,_1974.jpg

and more recently of Russia

https://commons.wikimedia.org/w/index.php?search=Gorbachev+and+Ronald+Reagan&title=Special:Search&go=Go&uselang=en&searchToken=89rtd3hoblthvjybs9w2zv3co - /media/File:RIAN_archive_46685_Mikhail_Gorbachev_and_Ronald_Reagan_in_Reykjavik.jpg

Pope Francis, in an address to the US Congress, has called for an end to the arms trade.

<https://www.bing.com/videos/search?q=Pope+Francis+addressing+congress&view=detail&mid=28D85DCCDFB6A2D841F728D85DCCDFB6A2D841F7&FORM=VIRE>

SLIDE WITH VOICEOVER: STRENGTHEN THE UNITED NATIONS AND INTERNATIONAL EFFORTS FOR COOPERATION AND HUMAN RIGHTS

The United Nations has negotiated peaceful settlements in 172 regional conflicts

https://commons.wikimedia.org/wiki/United_Nations_-_Nations_Unies_-_ /media/File:United_Nations_Headquarters_in_New_York_City,_view_from_Roosevelt_Island.jpg

including the civil war in El Salvador in 1992

https://commons.wikimedia.org/wiki/Category:30_de_julio_de_1975_-_ /media/File:MonumentoEstudiantesMartires30Julio1975.JPG

and the Iran-Iraq war.

https://commons.wikimedia.org/wiki/Category:Ground_battles_in_the_Iran-Iraq_War_-_ /media/File:152_mm_howitzer_D-20_belong_to_Military_of_Iran.jpg

UNICEF has addressed the health and education needs of children in 138 countries

[https://commons.wikimedia.org/wiki/Category:UNICEF_buildings_-_ /media/File:Bangkok_UNICEF_-_2017-06-11_\(003\).jpg](https://commons.wikimedia.org/wiki/Category:UNICEF_buildings_-_ /media/File:Bangkok_UNICEF_-_2017-06-11_(003).jpg)

https://commons.wikimedia.org/wiki/File:Bjorn_Kjos_with_children_in_Bangui.jpg

and the World Health Organization

<https://commons.wikimedia.org/w/index.php?search=world+health+organization+logo&title=Special:Search&go=Go&searchToken=3nglv89mvl5wuuvkzwwncsahx - /media/File:WHO.svg>

has eradicated smallpox

https://commons.wikimedia.org/wiki/Category:Children_with_smallpox - /media/File:Smallpox.jpg

and made headway in eliminating polio worldwide.

<https://commons.wikimedia.org/w/index.php?search=vaccinating+children+to+prevent+outbreaks+of+disease&title=Special:Search&go=Go&searchToken=3mypi963zqxx6y4nnprfukk8p - h>

Norway has given 1 billion dollars to Brazil to diminish the rate of deforestation in the Amazon Rain Forest.

https://commons.wikimedia.org/wiki/File:Fires_along_the_Rio_Xingu,_Brazil.JPG

SLIDE WITH VOICEOVER: WORK WITH EMERGING COOPERATIVE FORCES IN THE INTERNATIONAL SYSTEM AND ENCOURAGE GRASSROOTS PEACEMAKING AND VOLUNTARY ASSOCIATIONS.

As environmentalist and author Paul Hawken has documented

https://www.globalonenessproject.org/sites/default/files/styles/g5_catalog_square/public/persons/photos/PaulHawken.jpg?itok=M8lgT31s

over a million organizations worldwide are working for peace, justice—including economic justice—human rights, and the environment. In fact, to scroll through a list of all those organizations would take a month of viewing, 24 hours a day.

The list of organizations scrolled in this sequence is taken from among those highlighted in Hawken's book, *Blessed Unrest*. The statistic quoted above can be found at minute 19:50 to 22:00 in this 43-minute video of a speech Hawken gave to the Dominican University of California's Institute for Leadership Studies, June 7, 2007.

<https://www.youtube.com/watch?v=NsHTZDTTpbQ>

The grass roots action they represent has been responsible for:

Desegregation and the extension of voting rights in the south during the 1950s and 1960s.

<https://commons.wikimedia.org/w/index.php?search=Civil+Rights+marches&title=Special:Search&go=Go&uselang=en&searchToken=cc1d2er7qu09j2ppyqnczr81y - h>

<https://commons.wikimedia.org/w/index.php?search=civil+rights+march+on+washington+bill+russell&title=Special:Search&go=Go&searchToken=dr4vc2qvz5p73xzhnl6nh5apv - ht>

Major environmental legislation like the Clean Air and Clean Water Acts in the early 1970s

https://commons.wikimedia.org/wiki/Category:Streams_in_the_United_States_-_/media/File:Looking-up-hills-creek_ForestWander.JPG

[https://commons.wikimedia.org/wiki/File:Bald_Eagle_soaring_over_Lake_Nipissing_\(5924285117\).jpg](https://commons.wikimedia.org/wiki/File:Bald_Eagle_soaring_over_Lake_Nipissing_(5924285117).jpg)

The cutting off of military aid by the House of Representatives to the repressive government of El Salvador in 1990.

https://commons.wikimedia.org/wiki/Category:Mesa_Grande_refugee_camp_-_/media/File:Mesa_Grande_refugee_camp_1987_071.jpg

And most recently, in 2017, the citizen protests that led to cancellation of the original attempt by the House of Representatives to repeal the Affordable Care Act.

[https://commons.wikimedia.org/wiki/Category:Don't_Take_Away_Our_Health_Care_rally_\(25_June_2017\)_-_ /media/File:Don%27t_Take_Our_Health_Care_Rally_\(35501975506\).jpg](https://commons.wikimedia.org/wiki/Category:Don't_Take_Away_Our_Health_Care_rally_(25_June_2017)_-_ /media/File:Don%27t_Take_Our_Health_Care_Rally_(35501975506).jpg)

https://upload.wikimedia.org/wikipedia/commons/6/6a/Health_care_rally_%2834449634765%29.jpg

Sustained citizen action offers the best hope for addressing the major issues that affect life on the planet

[https://commons.wikimedia.org/w/index.php?search=WOMEN%27S+MARCH+ON+WASHINGTON&title=Special:Se\)\)arch&go=Go&uselang=en&searchToken=eyhdw5zwhbbhgp4l2pn464ysd_-_ /media/File:Women%27s_March_on_Washington_\(32256415090\).jpg](https://commons.wikimedia.org/w/index.php?search=WOMEN%27S+MARCH+ON+WASHINGTON&title=Special:Se))arch&go=Go&uselang=en&searchToken=eyhdw5zwhbbhgp4l2pn464ysd_-_ /media/File:Women%27s_March_on_Washington_(32256415090).jpg)

the nuclear menace

[http://commons.wikimedia.org/wiki/File:Operation_Crossroads_Baker_\(wide\).jpg](http://commons.wikimedia.org/wiki/File:Operation_Crossroads_Baker_(wide).jpg)

climate change, environmental destruction

[https://commons.wikimedia.org/wiki/Category:Coal-fired_power_plants_in_the_United_States_-_ /media/File:Sherco_Generating_Station_-_Xcel_Energy_Sherburne_County_Coal-Fired_Power_Plant_-_Sunset_\(24077210421\).jpg](https://commons.wikimedia.org/wiki/Category:Coal-fired_power_plants_in_the_United_States_-_ /media/File:Sherco_Generating_Station_-_Xcel_Energy_Sherburne_County_Coal-Fired_Power_Plant_-_Sunset_(24077210421).jpg)

economic and social injustice

<http://www.25percentsolution.com/El>

Nations have mobilized to wage war or to prepare for war.

http://commons.wikimedia.org/wiki/File:M-109A6_Paladin_firing.jpg

They have also come together to address major issues, as the Paris Climate Agreement.

<https://commons.wikimedia.org/w/index.php?search=Paris+Climate+Agreement&title=Special:Search&go=Go&uselang=en&searchToken=5hi9w6yvvh0z81zwxix98rpighs-h>

In celebration, the U.S. Chief of Missions' Residence in Paris was illuminated in green.

<https://commons.wikimedia.org/w/index.php?search=Paris+Climate+Agreement&title=Special:Search&go=Go&uselang=en&searchToken=5hi9w6yvvh0z81zwxix98rpighs-h>

In July of 2017, 122 countries, excluding the 9 nuclear weapons states and the members of NATO

[https://commons.wikimedia.org/wiki/File:68_Per%C3%ADodo_de_Sesiones_de_la_Asamblea_General_de_la_ONU_\(9901271506\).jpg](https://commons.wikimedia.org/wiki/File:68_Per%C3%ADodo_de_Sesiones_de_la_Asamblea_General_de_la_ONU_(9901271506).jpg)

adopted the treaty on the prohibition of nuclear weapons to encourage steps toward their total elimination.

[https://commons.wikimedia.org/w/index.php?title=Special:Search&limit=20&offset=120&profile=default&search=UN+General+Assembly&searchToken=d6fdbiu1elr7thcbh9o8v82s6-/media/File:United_Nations_General_Assembly_Hall_\(3\).jpg](https://commons.wikimedia.org/w/index.php?title=Special:Search&limit=20&offset=120&profile=default&search=UN+General+Assembly&searchToken=d6fdbiu1elr7thcbh9o8v82s6-/media/File:United_Nations_General_Assembly_Hall_(3).jpg)

**In the same spirit, can millions of people come together to pursue peace?
Peace March from Intro**

**a sustainable planet?
Climate change march from intro**

**and economic justice?
Nuns on the bus clip from Intro**

SLIDE WITH VOICEOVER:

"The Earth was small, light blue, and so touchingly alone. Our home that must be defended like a holy relic." Aleksie Leonov, Soviet Cosmonaut
http://commons.wikimedia.org/wiki/File:The_Blue_Marble.jpg