

“30 X 30”

What Is It?

**What Might It Mean
for Arizona & New Mexico?
For the Nation?**

Ken Ivory, JD

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801.694.8380

Dallas, Texas February 20, 2021

**Expect the
Unexpected...**



WILDFIRES:

What Smokey Bear might have learned if he had been raised in Indian Country

Henry Gass and Nathanael Massey, E&E reporters

ClimateWire: Monday, May 19, 2014

On Memorial Day weekend in 2011, an unattended campfire in Bear Wallow Wilderness sparked a small brush fire that quickly turned into a holocaust, burning through 538,000 acres and destroying 32 homes in the process. It cost taxpayers more than \$79 million to suppress. The Wallow fire was the largest fire in Arizona history, with almost 6,000 people evacuated during the weeks it burned.

The San Carlos Apache Indian Reservation, just to the west of where the fire started, was hardly touched.

Therein lies a story that American Indians can take pride in and U.S. firefighters and their cash-strapped agencies, entering what is expected to be one of the worst fire seasons in U.S. history, can learn much from.

When the reservation was established in southeastern Arizona in 1872, it was known as "Hell's Forty Acres" due to the region's unforgiving heat. Almost 140 years later, though, it was one of the few patches of forest in the region that the flames skipped. It was not magic that saved it, but years of preparation.

Tribes have been minimizing the chances of wildfires on tribal lands for centuries, adhering to traditional seasonal fire prevention systems of doing prescribed burns, removing hazardous fuels and thinning forests. The practices helped clear the sightlines on hunting grounds and protected the timber for heat, fuel and trading. The approach is part of an extensive collection of generational knowledge used to manage forests and wildfires described as traditional fire knowledge.

The Apache response to the Wallow fire was a "dramatic example of the effectiveness of Indian forest thinning," according to a 2013 report commissioned by the federal government.

Wildfires spread most quickly by climbing up brush, which can elevate fire to the more flammable crowns of trees.



Following a very long tradition, Brad Peak, a Chickasaw, is an expert at

'NO MORE MOO BY '92' ON WEST RANGES MAY BE A SIMPLISTIC APPROACH

By Deseret News | Aug 2, 1990, 12:00am MDT

Joseph Bauman, Environmental Specialist

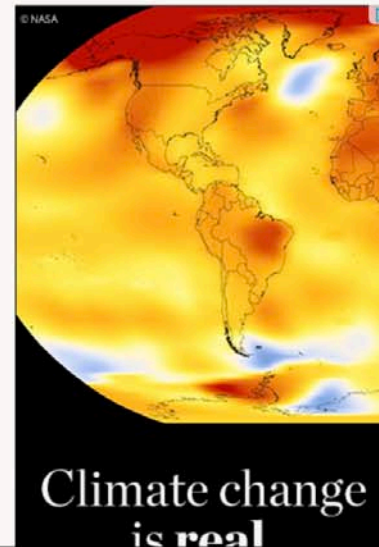
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The ideas behind a drive by some environmentalists to kick livestock off the public range may be as simplistic as their slogans, according to a range expert.

"Cow free by '93" and "No more moo by '92" are battle cries of the radical group Earth First!, which has been trying to get cows off the West's public rangeland. They cite damage to native plants as a result of grazing. But William A. Laycock, head of the range management department of the University of Wyoming, Laramie, says removing livestock might not change range much, once it has already been changed from its original condition.

Speaking at the convention of the Ecological Society of America, Laycock said taking cattle off the public range may not restore the original vegetation anytime soon - within, say, 150 years.

The convention has drawn 1,500 participants from throughout the country to the society's 75th anniversary meeting, continuing through Thursday. Scores of papers have been read



NEWS

Nalivka: What Has Changed Since “Cattle Free By ‘93”?



While the beef industry has seen growing demand, developments mostly driven by environmental activists still loom over the industry like

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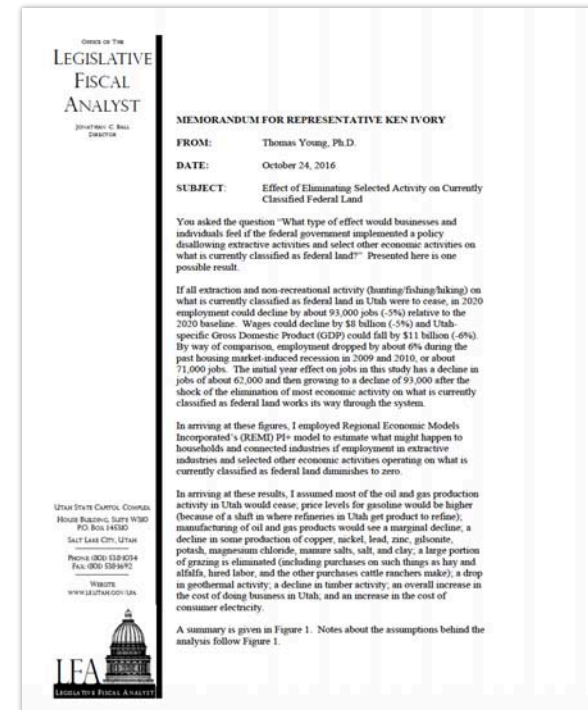
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[Join the Movement](#)

Effect of Eliminating Selected Activity on Currently Classified Federal Land

Legislative Fiscal Analyst
October 24, 2016

"If all extraction and non-recreational activity on what is currently classified as federal land in Utah were to cease, in 2020 employment could decline by about **93,000 jobs** (-5%) relative to the 2020 baseline. Wages could decline by \$8 billion (-5%) and Utah-specific **Gross Domestic Product (GDP) could fall by \$11 billion (-6%)**. By way of comparison, employment dropped by about 6% during the past housing market-induced recession in 2009 and 2010, or about 71,000 jobs."



What is 30x30?

“...protect 30% of the earth’s lands and waters by 2030, with the ultimate goal of keeping 50% natural. In the United States, only 12% of land is currently protected.”

https://www.nrdc.org/experts/sharon-buccino/red-rocks-role-saving-nature?utm_source=twitter&utm_medium=organic&utm_campaign=Nature



Who's Advancing the 30 X 30 Goal?

Acadia Institute of Oceanography

Alaska Chapter of the Inland Ocean Coalition

Alaska Wilderness League Action

Amargosa Conservancy

American Littoral Society

American Rivers

Appalachian Trail Conservancy

Association of Zoos and Aquariums

Azul

Banks of the Wabash

Blue Ocean Society for Marine Conservation

Blue Planet Strategies

Bold Alliance

Friends of Gold Butte

Friends of Organ Mountains-Desert Peaks

Friends of the Earth

Friends of the Inyo

Friends of the Lost Coast

Friends of the Mariana Trench

Friends of the WI Wolf & Wildlife

Gila Resources Information Project

Grand Canyon Trust

Grand Staircase Escalante Partners

Great Lakes Chapter of the Inland Ocean Coalition

Great Lakes Wildlife Alliance

Great Old Broads for Wilderness

Greater Hells Canyon Council

Ocean Conservancy

Ocean River Institute

Oceana

Oceanic Preservation Society

Ohio Environmental Council

Openlands

Oregon Natural Desert Association

Oregon Wild

Pacific Environment

Patagonia

Predator Defense

Public Citizen

REI Co-op

Rocky Mountain Wild

San Juan Citizens Alliance

Who's Advancing the 30 X 30 Goal?

California Chaparral Institute

California League of Conservation Voters

California Native Plant Society

California Wilderness Coalition

Californians for Western Wilderness

Center for American Progress

Center for Biological Diversity

Center for Large Landscape Conservation

Central Colorado Wilderness Coalition

Central Texas Chapter of the Inland Ocean Coalition

Chesapeake Conservancy

Chispa Arizona

Coalition for Sonoran Desert Protection

Coalition to Protect America's National Parks

Greater Pens Canyon Council

GreenLatinos

Greenpeace

Heal the Bay

Heartwood

Hispanic Access Foundation

Illinois Chapter of the Inland Ocean Coalition

Illinois Environmental Council

Indiana Forest Alliance

Inland Ocean Coalition

Inland Ocean Coalition Buffalo Chapter

International Ocean Film Festival

International Fund for Animal Welfare

International Marine Mammal Project of Earth Island Institute

San Juan Citizens Alliance

San Luis Valley Ecosystem Council

Sanctuary Forest, Inc.

SandyHook SeaLife Foundation

Save Our Shores

Save the Manatee Club

Seacoast Science Center

Seattle Aquarium

Sequoia ForestKeeper®

Shedd Aquarium

Sierra Club

Soda Mountain Wilderness Council

Southern Utah Wilderness Alliance

Surfrider Foundation

The Conservation Foundation

Who's Advancing the 30 X 30 Goal?

Coastal Research and Education Society of Long Island	John Muir Project	The Conservation Fund
Coastwalk/California Coastal Trail Association	Jupiter Inlet Lighthouse & Museum	The Enviro Show
Colorado Chapter of the Inland Ocean Coalition	Klamath Forest Alliance	The Mountain Pact
Colorado Native Plant Society	Land Trust Alliance	The Nature Conservancy
Colorado State University Chapter of the Inland Ocean Coalition	Last Tree Laws	The Ocean Project
Conejos Clean Water	League of Conservation Voters	The Rewilding Institute
Connecticut League of Conservation Voters	Los Padres ForestWatch	The Trust for Public Land
Conservation Alabama	Maine Conservation Voters	The Whale Guitar Project
Conservation Alliance	Marine Conservation Institute	The Wilderness Society
Conservation Colorado	Michigan League of Conservation Voters	Tuleyome
Conservation International	Mission Blue	Turtle Island Restoration Network
Conservation Lands Foundation	Montana Chapter of the Inland Ocean Coalition	Unexpected Wildlife Refuge
	Montana Wilderness Association	Upper Gila Watershed Alliance
	Monterey Bay Aquarium	Utah Chapter of the Inland Ocean Coalition
	Mystic Aquarium	Ventana Wilderness Alliance

Who's Advancing the 30 X 30 Goal?

Conservation Lands Foundation

Conservation Law Foundation

Conservation Minnesota

Conservation Voters of Pennsylvania

Conservation Voters of South Carolina

Conserve Southwest Utah

Corazon Latino

Defenders of Wildlife

Dolores River Boating Advocates

Earth Ethics, Inc

Earthjustice

EcoFlight

Endangered Habitats League

Endangered Species Coalition

Environment America

Environmental Defense Center

Mystic Aquarium

Nassau Hiking & Outdoor Club

National Aquarium

National Audubon Society

National Ocean Protection Coalition

National Parks Conservation Association

National Wildlife Federation

Native American Land Conservancy

Natural Resources Defense Council

North Carolina League of Conservation
Voters

Nevada Conservation League

New England Aquarium

New Jersey Conservation Foundation

New Jersey League of Conservation Voters

New Mexico Wild

Ventura Wilderness Alliance

Virginia Aquarium & Marine Science Center

Western Environmental Law Center

Western Leaders Network

Western Slope Conservation Center

Western Values Project

Western Watersheds Project

Wild Arizona

Wild Connections

WildEarth Guardians

Wilderness Workshop

Wilderness Workshop

Wildlands Network

Wildlife Conservation Society / New York
Aquarium

Winter Wildlands Alliance

Who's Advancing the 30 X 30 Goal?

Defenders of Wildlife

Dolores River Boating Advocates

Earth Ethics, Inc

Earthjustice

EcoFlight

Endangered Habitats League

Endangered Species Coalition

Environment America

Environmental Defense Center

Environmental League of MA

Environmental Protection Information Center

Exocetus Autonomous Systems

Friends and Neighbors of the Deschutes Canyon Area

Friends of Big Morongo Canyon Preserve

National Wildlife Federation

Native American Land Conservancy

Natural Resources Defense Council

North Carolina League of Conservation Voters

Nevada Conservation League

New England Aquarium

New Jersey Conservation Foundation

New Jersey League of Conservation Voters

New Mexico Wild

New York League of Conservation Voters

North Texas Chapter of the Inland Ocean Coalition

Northeastern Minnesotans for Wilderness

Northwest Center for Alternatives to Pesticides

Nuestra Tierra

Wild Arizona

Wild Connections

WildEarth Guardians

Wilderness Workshop

Wilderness Workshop

Wildlands Network

Wildlife Conservation Society / New York Aquarium

Winter Wildlands Alliance

Women Working for Oceans - W2O

World Wildlife Fund

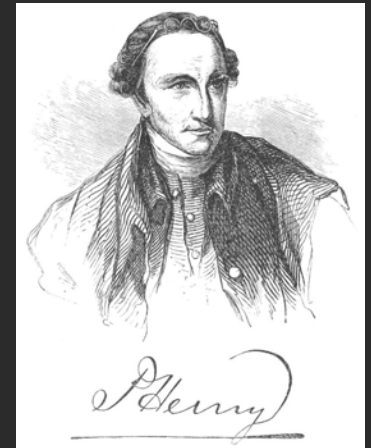
WSL PURE

Wyoming Chapter of the Inland Ocean Coalition

Yellowstone to Yukon Conservation Initiative

Patrick Henry

“For my part, whatever anguish of spirit it may cost, **I am willing to know the whole truth; to know the worst, and to provide for it.**”



April 20, 2016 Legal Petition Pushes President Obama to End Crude Oil Exports, Declare Climate Emergency

*350 Organizations Back Effort to
Protect Climate, Communities
From Fracking Pollution Linked to
Exporting U.S. Oil*



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For Immediate Release, April 20, 2016

Contacts: Jean Su, Center for Biological Diversity, (510) 844-7139, jsu@biologicaldiversity.org
Seth Gladstone, Food & Water Watch, (347) 778-2866, sgladstone@fwwatch.org

Legal Petition Pushes President Obama to End Crude Oil Exports, Declare Climate Emergency

350 Organizations Back Effort to Protect Climate, Communities From Fracking Pollution Linked to Exporting U.S. Oil

WASHINGTON— As the Obama administration prepares to sign the Paris climate agreement, 350 environmental, social-justice, health and faith organizations filed a [legal petition](#) today urging President Barack Obama to declare a national climate emergency and end all U.S. crude oil exports. The ban would keep millions of tons of greenhouse gas pollution from escaping into the atmosphere and worsening the climate crisis.

Today's petition, organized by the Center for Biological Diversity and Food & Water Watch, calls on the president to immediately halt the export of crude oil under executive legal authority granted to him by the 2016 Appropriations Act and the National Emergencies Act.

As global temperatures hit record highs, the petition points out that "climate change is unquestionably a national emergency." It also notes that halting crude exports is essential to the Paris Agreement's goal "to limit global warming to 1.5 degrees Celsius above preindustrial levels."

The petition filing comes two days before the landmark climate agreement reached last year is signed in New York. The president signed an omnibus bill lifting the 40-year-old export ban in December, less than a week after agreeing to the Paris climate accord.

"President Obama must halt crude exports to give us a fighting chance to meet the Paris Agreement's crucial climate goals," said the Center's Jean Su. "The president has the legal authority to reverse the terrible mistake he made in approving an end to the longstanding ban on crude exports. He has to seize this opportunity to protect our climate and U.S. communities from drilling and



California oil field photo © 2015 www.drewbirdphoto.com. This photo is [available](#) for media use.

https://www.biologicaldiversity.org/news/press_releases/2016/climate-emergency-04-20-2016.html



GOVERNMENT

IF YOU THINK THE PROBLEMS WE CREATE ARE BAD,
JUST WAIT UNTIL YOU SEE OUR SOLUTIONS.

www.despair.com

“Ahead of Biden’s inauguration, these groups, spearheaded by the Center for Biological Diversity, presented him with a progressive “Climate President” action plan and model executive order. The Center has been leading the call to reinstate the crude oil export ban under a climate emergency declaration since 2016.”

<https://biologicaldiversity.org/w/news/press-releases/congressional-bill-urges-biden-declare-climate-emergency-2021-02-04/>

#ClimatePresident Action Plan

TAKE ACTION - JOIN THE #BUILDBACKFOSSILFREE CAMPAIGN CALLING ON PRESIDENT JOE BIDEN TO FOLLOW THROUGH AS THE #CLIMATEPRESIDENT

THE #CLIMATEPRESIDENT ACTION PLAN:

10 STEPS FOR THE NEXT ADMINISTRATION'S FIRST 10 DAYS

Delivered to president elect-Biden December 16, 2020

<https://www.climatepresident.org/#list>



“TEN ESSENTIAL CLIMATE ACTIONS THE NEXT PRESIDENT CAN TAKE WITHOUT CONGRESS”

1. “**Declare a national climate emergency** under the National Emergencies Act.”
2. “**Keep fossil fuels in the ground.**”
3. “**Stop fossil fuel exports** and infrastructure approvals.”
4. “**Shift financial flows from fossil fuels** to climate solutions.”
5. “Use the Clean Air Act to set a science-based national pollution cap for greenhouse gas pollutants. Then, **use all Clear Air Act programs to drive emissions towards zero economy-wide.**”
6. “Power the electricity sector with **100% clean and renewable energy by 2030** and promote energy democracy.”
7. “**Launch a just transition** to protect our communities, workers, and economy.”
8. “**Advance Climate Justice:** Direct federal agencies to assess and mitigate environmental harms to disproportionately impacted Indigenous Peoples, People and Communities of Color, and low-wealth communities.”
9. “**Make polluters pay:** Investigate and prosecute fossil fuel polluters for the damages they have caused. Commit to veto all legislation that grants legal immunity for polluters, undermines existing environmental laws, or advances false solutions.”
10. “**Rejoin the Paris Agreement** and lead with science-based commitments that ensure that the United States, as the world’s largest cumulative historical emitter, contributes its fair share and advances climate justice.”

Delivered to president-elect Biden December 16, 2020

<https://www.climatepresident.org/#list>

Executive Order 14008 on Tackling the Climate Crisis at Home and Abroad

January 27, 2021

“Sec. 102. ...promote **ending international financing of carbon-intensive fossil fuel-based energy** while simultaneously **advancing sustainable development and a green recovery...**”

THE WHITE HOUSE

Administration Priorities COVID-19 Briefing Room Español

Executive Order on Tackling the Climate Crisis at Home and Abroad

JANUARY 27, 2021 • PRESIDENTIAL ACTIONS

The United States and the world face a profound climate crisis. We have a narrow moment to pursue action at home and abroad in order to avoid the most catastrophic impacts of that crisis and to seize the opportunity that tackling climate change presents. Domestic action must go hand in hand with United States international leadership, aimed at significantly enhancing global action. Together, we must listen to science and meet the moment.

By the authority vested in me as President by the Constitution and the laws of the United States of America, it is hereby ordered as follows:

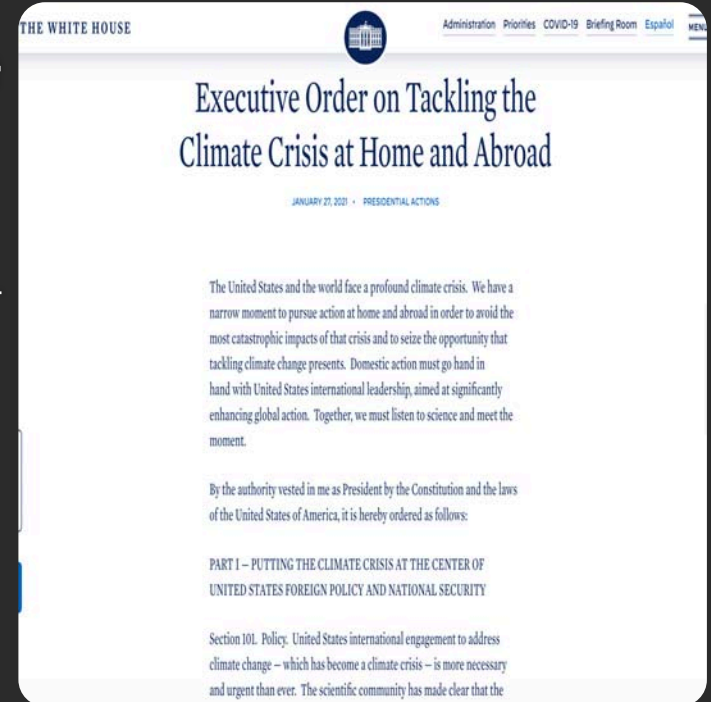
PART 1 – PUTTING THE CLIMATE CRISIS AT THE CENTER OF UNITED STATES FOREIGN POLICY AND NATIONAL SECURITY

Section 101. Policy. United States international engagement to address climate change – which has become a climate crisis – is more necessary and urgent than ever. The scientific community has made clear that the

Executive Order 14008 on Tackling the Climate Crisis at Home and Abroad

January 27, 2021

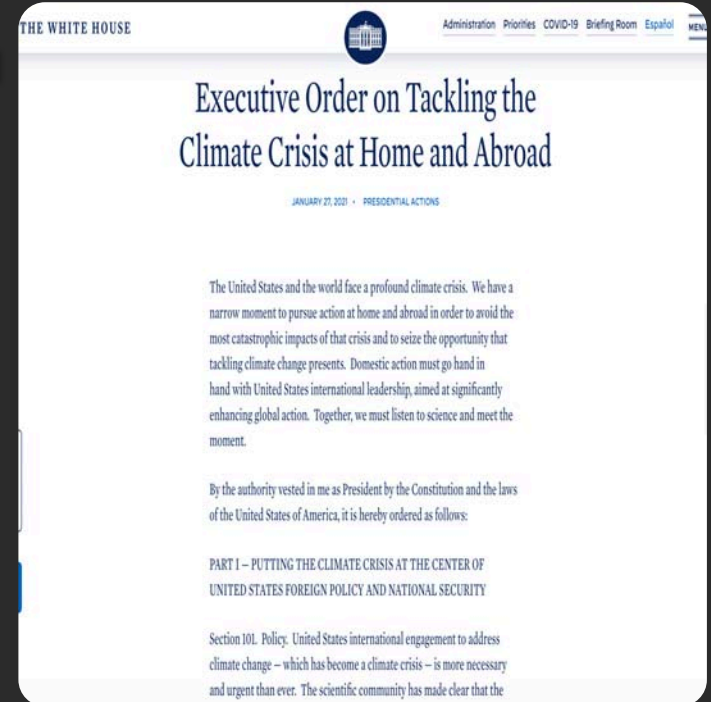
“Sec. 201. Policy. ... we face **a climate crisis that threatens** our people and communities, public health and economy, and, starkly, **our ability to live on planet Earth**. Despite the peril that is already evident, there is promise in the solutions — opportunities to **create well-paying union jobs** to build a modern and sustainable infrastructure, **deliver an equitable, clean energy future**, and put the United States on a path to **achieve net-zero emissions, economy-wide**, by no later than 2050.”



Executive Order 14008 on Tackling the Climate Crisis at Home and Abroad

January 27, 2021

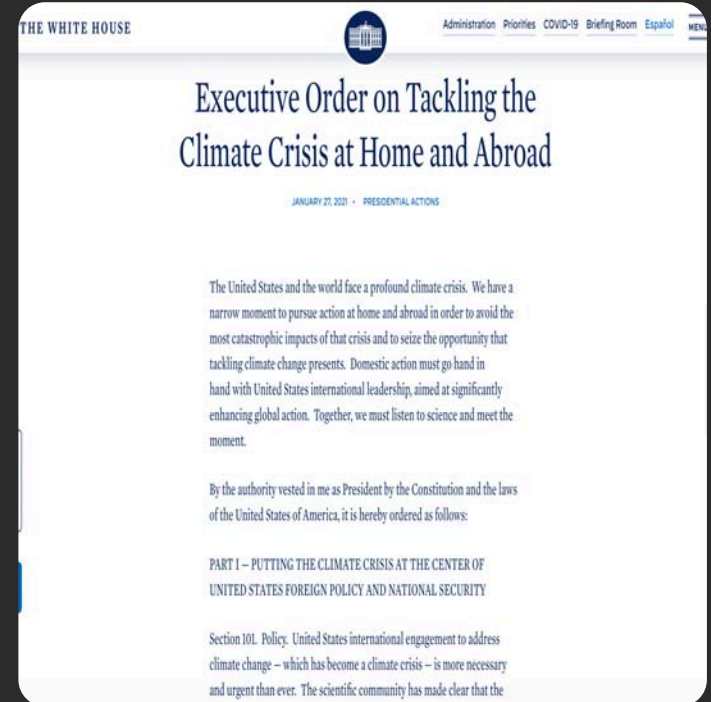
“Sec. 202. **White House Office of Domestic Climate Policy.** ... **All agencies** shall cooperate with the Climate Policy Office...to facilitate the organization and deployment of a **Government-wide approach to combat the climate crisis.** ... **deliver environmental justice;** and spur **well-paying union jobs** and economic growth. ...**engage on these matters with State, local,** Tribal, and territorial governments; workers and communities; and leaders across the various sectors of our economy ... **prioritize action on climate change** in their policy-making and budget processes, in their **contracting and procurement, and in their engagement with State, local,** Tribal, and territorial governments; workers and communities; and leaders across all the sectors of our economy.”



Executive Order 14008 on Tackling the Climate Crisis at Home and Abroad

January 27, 2021

“Sec. 204. Lead the Nation’s effort to combat the climate crisis by example — specifically, by aligning the management of **Federal procurement** and real property, **public lands** and waters, and **financial programs to support robust climate action.**”



Executive Order 14008 on Tackling the Climate Crisis at Home and Abroad

January 27, 2021

“Sec. 204. Develop[] a comprehensive plan to **create union jobs** and **stimulate clean energy industries**...The plan ... (i) **a carbon pollution-free electricity sector** no later than 2035 (ii) **clean and zero-emission vehicles** for Federal, **State, local,** and Tribal government fleets...”

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Executive Order on Tackling the Climate Crisis at Home and Abroad

JANUARY 27, 2021 • PRESIDENTIAL ACTIONS

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January 27, 2021

“Sec. 208. **Oil and Natural Gas Development on Public Lands and in Offshore Waters.** ...the Secretary of the Interior shall **pause new oil and natural gas leases on public lands** or in offshore waters pending completion of a **comprehensive review and reconsideration of Federal oil and gas permitting and leasing ...**, including potential climate and other impacts associated with oil and gas activities on public lands... the Secretary of the Interior shall consider whether to **adjust royalties associated with coal, oil, and gas resources extracted from public lands** and offshore waters, or **take other appropriate action, to account for corresponding climate costs.**”

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January 27, 2021

“Sec. 209. **Fossil Fuel Subsidies.** The heads of agencies shall **identify ...any fossil fuel subsidies** provided by their respective agencies, and then take steps to **ensure that, ...Federal funding is not directly subsidizing fossil fuels.** The Director of the Office of Management and Budget shall seek, in coordination with the heads of agencies and the National Climate Advisor, to **eliminate fossil fuel subsidies from the budget request for Fiscal Year 2022 and thereafter.**”

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January 27, 2021

“Sec. 215. **Civilian Climate Corps.** ...the Secretary of the Interior... **shall submit a strategy to the Task Force within 90 days of the date of this order for creating a Civilian Climate Corps Initiative ... to mobilize the next generation of conservation and resilience workers to ...conserve and restore public lands** and waters, bolster community resilience, increase reforestation, **increase carbon sequestration in the agricultural sector, protect biodiversity,** improve access to recreation, and **address the changing climate.**”

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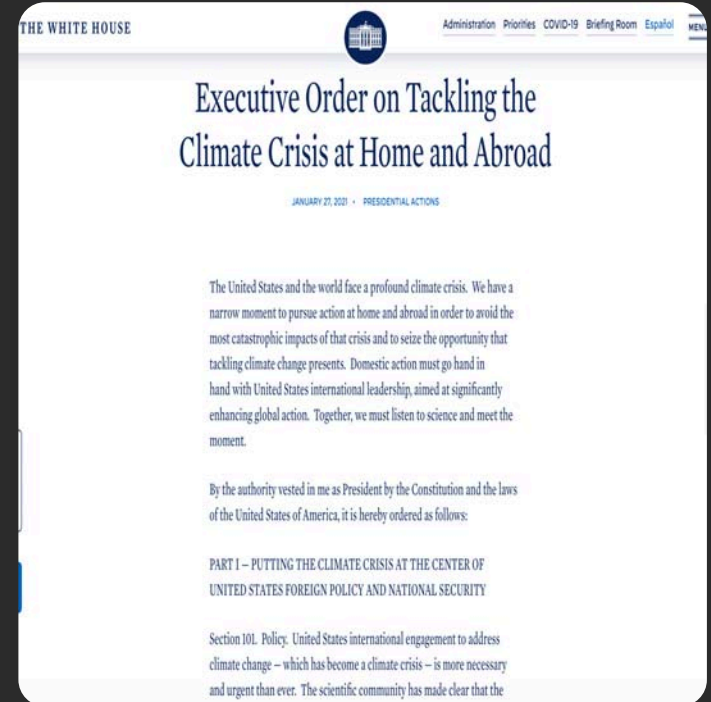
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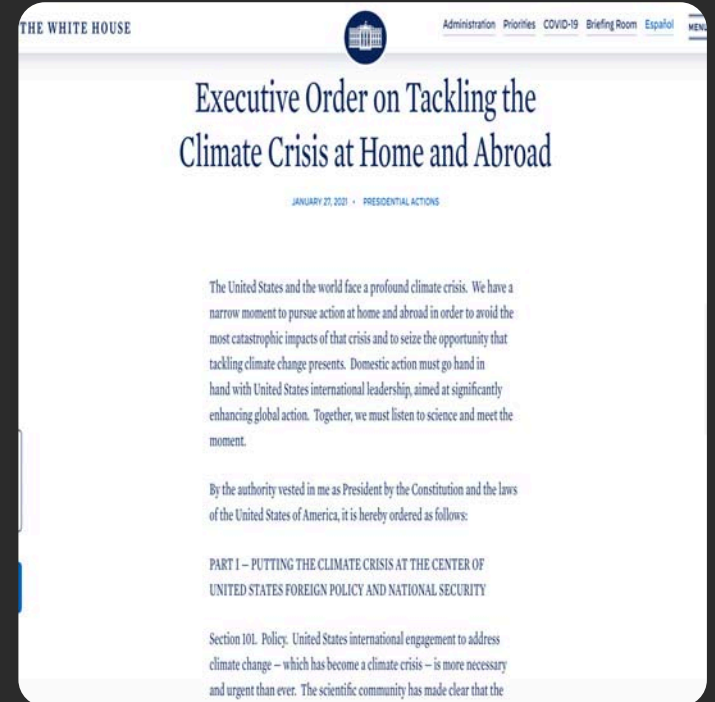
“Sec. 216. **Conserving Our Nation’s Lands and Waters.** The Secretary of the Interior ... **shall submit a report to the Task Force within 90 days of the date of this order** recommending steps that the United States should take, **working with State, local, Tribal, and territorial governments ... to achieve the goal of conserving at least 30 percent of our lands and waters by 2030.**”



Executive Order 14008 on Tackling the Climate Crisis at Home and Abroad

January 27, 2021

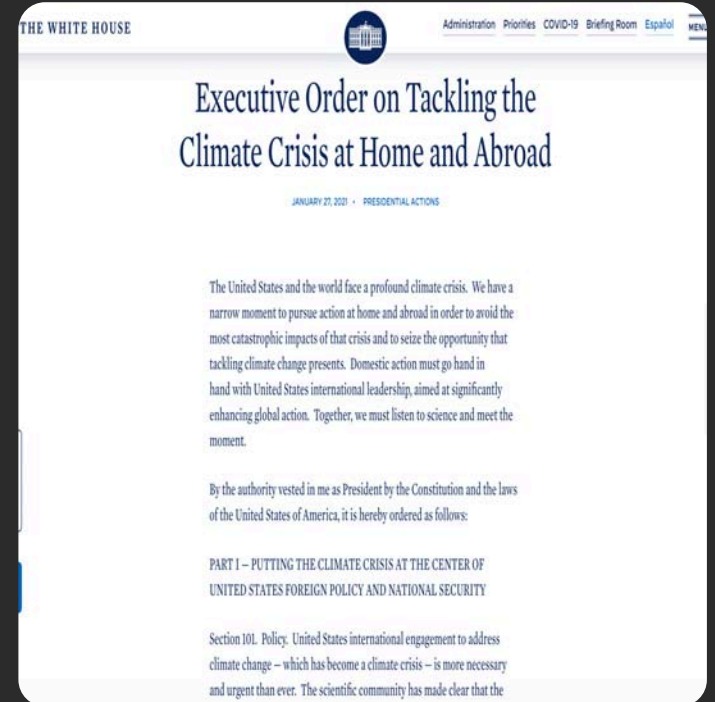
“Sec. 219. **Policy. Agencies shall make achieving environmental justice part of their missions** by developing programs, policies, and activities to ... **secure environmental justice and spur economic opportunity for disadvantaged communities** that have been historically marginalized and overburdened by pollution and **underinvestment in housing, transportation, water and wastewater infrastructure, and health care.**”



Executive Order 14008 on Tackling the Climate Crisis at Home and Abroad

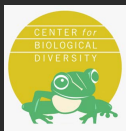
January 27, 2021

“**Sec. 223. Justice40 Initiative. Within 120 days of the date of this order, the Chair of the Council on Environmental Quality, et al. ... shall jointly **publish recommendations on how certain Federal investments might be made toward a goal that 40 percent of the overall benefits flow to disadvantaged communities.** The recommendations shall **focus on investments in the areas of clean energy and energy efficiency; clean transit; affordable and sustainable housing; training and workforce development; the remediation and reduction of legacy pollution; and the development of critical clean water infrastructure.**”**

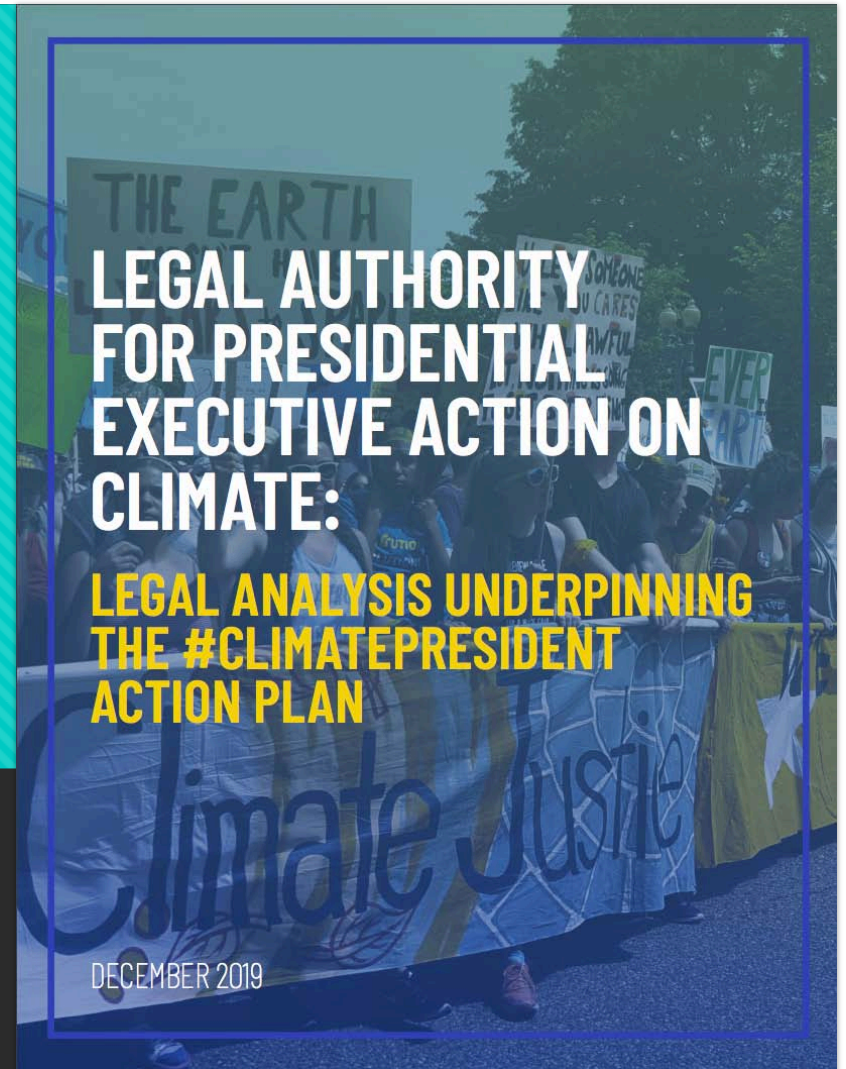


“Commit to reject and to veto all other false solutions proposed by the polluters”

- **“Market-based mechanisms and emissions trading schemes,”** including cap and trade.
- **“Technology options such as carbon capture and storage.”**
- **“Biomass energy.”**
- **“Waste-to-energy processes.”**
- **“Nuclear power.”**



<https://www.climatepresident.org/Legal-Authority-for-Presidential-Climate-Action.pdf>



STATISM



IDEAS SO GOOD THEY HAVE TO
BE MANDATORY

Executive Order 14008 Tackling Climate Change 30 By 30 Timelines

Section	Provision	Subject	Impact	Date
Sec. 102(j)	"(a) ... prepare, within 60 days of the date of this order , a transmittal package seeking the Senate's advice and consent to ratification of the Kigali Amendment [CEI take on HFC and Kigali Amendment] to the Montreal Protocol on Substances that Deplete the Ozone Layer, regarding ... hydrofluorocarbons."	Transmittal Package for the Kigali Amendment	End all HFCs (hydrofluorocarbons), which are an affordable class of refrigerants, and most residential air conditioners and refrigerators as well as vehicle air conditioners were designed to use one of them.	March 28, 2021
Sec. 216(b)(1)	<u>The Secretary of the Interior shall initiate efforts in the first 60 days from the date of this order</u> to collect input from Tribes, farmers, ranchers, forest owners, conservation groups, firefighters, and other stakeholders on how to best use Department of Agriculture programs, funding and financing capacities, and other authorities, and how to encourage the voluntary adoption of climate-smart agricultural and forestry practices that decrease wildfire risk fueled by climate change and result in additional, measurable, and verifiable carbon reductions and sequestration and that source sustainable bioproducts and fuels;	Securing "Voluntary Adoption" of Climate-Smart Land Management Practices	Initiate planning to "encourage" "voluntary adoption" of agriculture, forestry and other land management practices	March 28, 2021
Sec. 216(c)	(c) The Secretary of Commerce, through the Administrator of the National Oceanic and Atmospheric Administration, shall initiate efforts in the first 60 days from the date of this order to collect input from ...stakeholders on how to make fisheries and protected resources more resilient to climate change , including changes in management and conservation measures, and improvements in science, monitoring, and cooperative research.	Climate Change Fisheries Plan	collect input from ...stakeholders on how to make fisheries and protected resources more resilient to climate change	March 28, 2021
Sec. 218(c)	"Sec. 218. Interagency Working Group on Coal and Power Plant Communities and Economic Revitalization ... Interagency Working Group on Coal and Power Plant Communities and Economic Revitalization (Interagency Working Group). The National Climate Advisor and the Assistant to the President for Economic Policy shall serve as Co-Chairs of the Interagency Working Group. (i) ... delivery of Federal resources to revitalize the economies of coal, oil and gas, and power plant communities ; develop strategies ... assess opportunities to ensure benefits and protections for coal and power plant workers; and submit reports ... on a regular basis on the progress of the revitalization effort. (ii) As part of this effort, within 60 days of the date of this order , the Interagency Working Group shall submit a report to the President describing all mechanisms, consistent with applicable law, to prioritize grantmaking, Federal loan programs, technical assistance, financing, procurement, or other existing programs to support and revitalize the economies of coal and power plant communities ..."	Federal resources to revitalize coal, oil, gas and power plant communities	Interagency Working Group on Coal and Power Plant Communities and Economic Revitalization.	March 28, 2021
Sec. 222(e)	"(e) The Director of the Office of Science and Technology Policy shall, ... within 100 days of the date of this order , publish a report identifying the climate strategies and technologies that will result in the most air and water quality improvements, which shall be made public to the maximum extent possible and published on the Office's website."	Climate Strategies & Technologies	The Director of the Office of Science and Technology Policy shall, ... within 100 days of the date of this order, publish a report identifying the climate strategies and technologies	April 23, 2021
Sec. 102(f)	"The Secretary of State and the Secretary of the Treasury [among many others] shall submit the climate finance plan to the President... within 90 days of the date of this order... to assist developing countries in implementing ambitious emissions reduction measures, protecting critical ecosystems, building resilience against the impacts of climate change, and promoting the flow of capital toward climate-aligned investments and away from high-carbon investments..."	Climate Finance Plan	End all financing (public and private) for fossil fuel-carbon based infrastructure and production and shift all financing (public and private) to zero-emission, green infrastructure and production	April 27, 2021
Sec. 103(a)	"(a) Agencies that engage in extensive international work shall develop... and submit to the President ... within 90 days of the date of this order , strategies and implementation plans for integrating climate considerations into their international work. "	International Climate Integration Plan	All federal agencies will submit strategies and plans for advancing climate change measures in all international work	April 27, 2021

Executive Order 14008 Implementation Timelines

- 18 Actions from EO 14008 mandate implementation within 90 days
- A total of 25 Actions from EO 14008 mandate implementation within 1 year

Executive Order 14008 Coordination

10 Actions from EO 14008 indicate coordination with State and Local Governments. Some actions are mandated to occur between 60-120 days from the date of the EO, January 27, 2021

Section	Subject	Coordination Type	Coordinating Entities
Sec. 201	Government-wide Approach to Climate Change	" <u>pursue such a coordinated approach from planning to implementation, coupled with substantive engagement by stakeholders, including State, local, and Tribal governments.</u> "	State Local Tribal
Sec. 202(b)	Facilitate a Government-wide Approach to Combating the Climate Crisis	"... <u>engage on these matters with State, local, Tribal, and territorial governments; workers and communities; and leaders across the various sectors of our economy.</u> "	State Local Tribal Territorial govts Leaders across various sectors of our economy
Sec. 202(c)	Prioritizing Climate Change in Federal Contracting and Procurement	"... <u>prioritize action on climate change in their policy-making and budget processes, in their contracting and procurement, and in their engagement with State, local, Tribal, and territorial governments; workers and communities; and leaders across all the sectors of our economy.</u> "	State Local Tribal Territorial govts Workers and communities Leaders across all sectors of our economy
Sec. 205	Clean Electricity and Vehicle Procurement	"The plan shall aim to ... achieve or facilitate: (i) a carbon pollution-free electricity sector no later than 2035; (ii) <u>clean and zero-emission vehicles for Federal, State, local, and Tribal government fleets, including vehicles of the United States Postal Service.</u> "	State Local Tribal USPS
Sec. 207	Renewable Energy on Public Lands	"... <u>to increase renewable energy production on those lands ... the Secretary of the Interior shall consult, as appropriate, with the heads of relevant agencies, including the Secretary of Defense, the Secretary of Agriculture, the Secretary of Commerce, through the Administrator of the National Oceanic and Atmospheric Administration, the Secretary of Energy, the Chair of the Council on Environmental Quality, State and Tribal authorities, project developers, and other interested parties.</u> "	Federal Agencies State Tribal Project Developers Other interested parties
Sec. 211(d)	Federal Procurement to Drive Climate Action Plan	"... <u>using the purchasing power of the Federal Government to drive innovation. ... To assist agencies and State, local, Tribal, and territorial governments, communities, and businesses in preparing for and adapting to the impacts of climate change"</u>	Federal Agencies State Local Tribal Territorial Governments Communities Businesses
Sec. 213	Sustainable Infrastructure Permitting & Investment	"Federal infrastructure investment ... Federal permitting decisions consider the effects of greenhouse gas emissions and climate change ... accelerate the deployment of clean energy ... Agency heads conducting infrastructure reviews <u>shall, as appropriate, consult from an early stage with State, local, and Tribal officials</u> involved in permitting or authorizing proposed infrastructure projects to develop efficient timelines for decision-making that are appropriate given the complexities of proposed projects."	State Local Tribal
Sec. 216	30X30 Plan	" <u>steps that the United States should take, working with State, local, Tribal, and territorial governments, agricultural and forest landowners, fishermen, and other key stakeholders, to achieve the goal of conserving at least 30 percent of our lands and waters by 2030.</u> "	State Local Tribal Territorial Governments Agricultural Landowners Forest Landowners Fishermen Other Key Stakeholders
Sec. 216(a)	30X30 Plan Input	"The Secretary of the Interior, [and others] shall ... <u>solicit input from State, local, Tribal, and territorial officials, agricultural and forest landowners, fishermen, and other key stakeholders in identifying strategies that will encourage broad participation in the goal of conserving 30 percent of our lands and waters by 2030.</u> "	State Local Tribal Territorial officials Agricultural Landowners Forest Landowners Fishermen Other Key Stakeholders
Sec. 218(c)	Coal and Power Plant Communities and Economic Revitalization	"the Interagency Working Group shall <u>seek the views of State, local, and Tribal officials; unions; environmental justice organizations; community groups; and other persons it identifies who may have perspectives on the mission of the Interagency Working Group.</u> "	State Local Tribal Unions Environmental Justice Organizations Community Groups Other Persons It Identifies Who May Have Perspectives on the Mission of the Interagency Working Group

President Joe Biden starts process to restore Utah's national monuments

January 21, 2021

“Within the first few hours of taking the oath of office, the White House said the new president signed an executive order calling for, among other moves safeguarding the environment, a review of the boundaries set for Bears Ears designated by President Barack Obama in 2016, and Grand Staircase-Escalante, designated by President Bill Clinton in 1996. Biden’s order highlights the impermanence and perhaps futility of Trump’s gesture that severely shrunk those boundaries, currently the subject of five consolidated lawsuits that may soon be rendered moot.”

<https://www.sltrib.com/news/environment/2021/01/20/biden-starts-process/>

The Salt Lake Tribune

President Joe Biden starts process to restore Utah's national monuments

Utah's Republican leaders call on Biden to tap brakes, work for consensus solution for Bears Ears, Grand Staircase.



(Evan Vucci | AP) President Joe Biden waits to sign his first executive order in the Oval Office of the White House on Wednesday, Jan. 20, 2021, in Washington. An order starting the restoration of original boundaries to Bears Ears National Monument and Grand Staircase-Escalante National Monument were expected to be among the initial orders signed.

By Brian Maffly, Zak Podmore and Taylor Stevens | Jan. 20, 2021, 4:00 p.m.
| Updated: Jan. 21, 2021, 5:54 p.m.

Bears Ears and Grand Staircase-Escalante national monuments may soon be enlarged.

Acting on a pledge he made as a candidate, President Joe Biden on Wednesday initiated a first step toward restoring the boundaries of the two formerly large Utah national monuments that Donald Trump had reduced by 2 million acres as a political favor to Utah

The screenshot shows the SUWA (Southern Utah Wilderness Alliance) website. At the top left is the SUWA logo with the text 'SOUTHERN UTAH WILDERNESS ALLIANCE'. To the right are links for 'ABOUT SUWA' and 'ISSUES'. Below the navigation bar are social media icons for Twitter, Facebook, Instagram, YouTube, and Vimeo, along with a search icon. A banner with the text 'REDROCK HEADLINES' is set against a background of red rock formations. The main content area features the title 'Wild Utah Podcast, Episode 21: The Grand Nexus: Climate, 30x30 & America's Red Rock Wilderness Act'. Below the title is a video player interface for the podcast episode, showing a play button, a progress bar at 0:00, and controls for 15-second skip, 1x speed, and 15-second back. At the bottom of the player are buttons for 'Shownotes', 'Download', 'Subscribe', and 'Share'. The bottom of the screenshot shows the beginning of the article text: 'What role can America's Red Rock Wilderness Act play in achieving the Biden'.


“What role can America’s **Red Rock Wilderness Act** play in achieving the **Biden administrations goals of mitigating the climate crisis and protecting 30 percent of America’s lands and waters by 2030?**”

February 4, 2021

<https://suwa.org/wild-utah-podcast-episode-21-the-grand-nexus-climate-30x30-americas-red-rock-wilderness-act/>

February 4, 2021

KSL.com News Sports Brandview TV Radio Live Obituaries Weather 44°



Rovell Call, Deseret News, File

Environmentalists say protecting more Utah lands could help combat climate change, animal extinctions

By Graham Dudley, KSL.com | Posted - Feb. 4, 2021 at 4:09 p.m.

1 photo 94

SALT LAKE CITY -- A new report issued Thursday by the Southern Utah Wilderness Alliance says passing America's Red Rock Wilderness Act, which would protect millions more acres of land in Utah, could help mitigate the impacts of climate change and stem the loss of animal species and biodiversity.

Passing the act would be a big step toward meeting the goals of the 30x30 Campaign to Save Nature, the report says, which aims to protect 30% of the earth's lands and oceans by 2030 in an effort to limit the planet's temperature increase.

In a Thursday presentation from the Wilderness Alliance, the Natural Resources Defense Council and the Sierra Club, SUWA board member Regina Lopez-Whiteskunk said America's Red Rock Wilderness Act "presents an extraordinary opportunity."

<https://www.ksl.com/article/50101307/environmentalists-say-protecting-more-utah-lands-could-help-combat-climate-change-animal-extinctions>

Red Rock Wilderness Act

"A new report issued Thursday by the Southern Utah Wilderness Alliance says passing America's Red Rock Wilderness Act, which would protect millions more acres of land in Utah, could help mitigate the impacts of climate change and stem the loss of animal species and biodiversity.

"Passing the act would be a big step toward meeting the goals of the 30x30 Campaign to Save Nature, the report says, which aims to protect 30% of the earth's lands and oceans by 2030 in an effort to limit the planet's temperature increase."



Credit: SUWA

“The Red Rocks Act proposes to protect almost **9 million acres of wilderness quality land in Utah**. ...It is more efficient for everyone to **approach the landscape strategically** and yields far greater conservation benefits. **That is what the Biden Administration is doing by demonstrating its commitment to 30x30**. And **America’s Red Rock Wilderness Act provides a holistic and concrete step toward reaching that goal.**”

Utah Red Rocks Wilderness Act

Natural Resources Defense Council

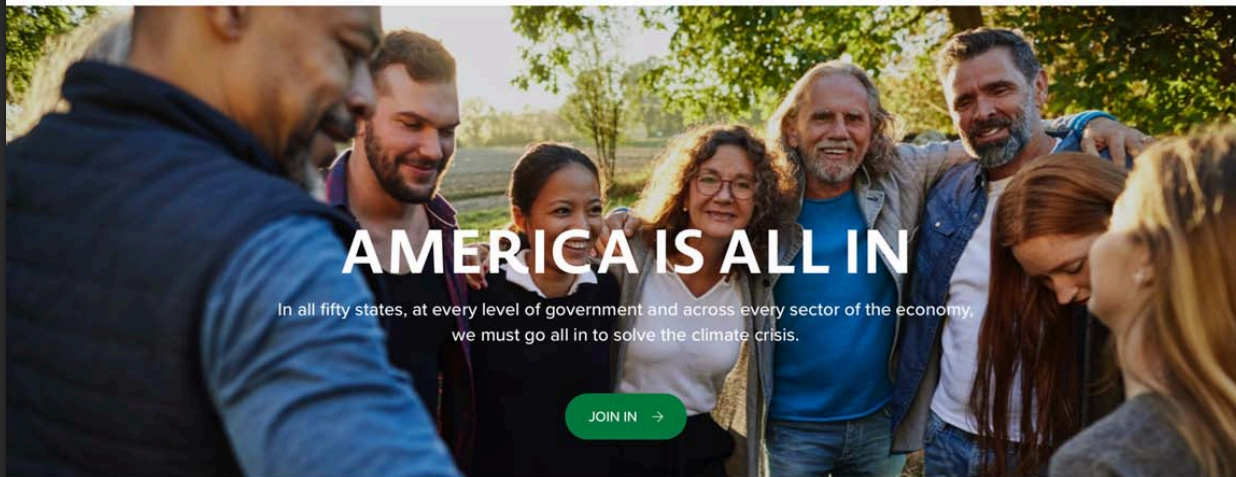
February 4, 2021

https://www.nrdc.org/experts/sharon-buccino/red-rocks-role-saving-nature?utm_source=twitter&utm_medium=organic&utm_campaign=Nature

America Is All In

AMERICA IS
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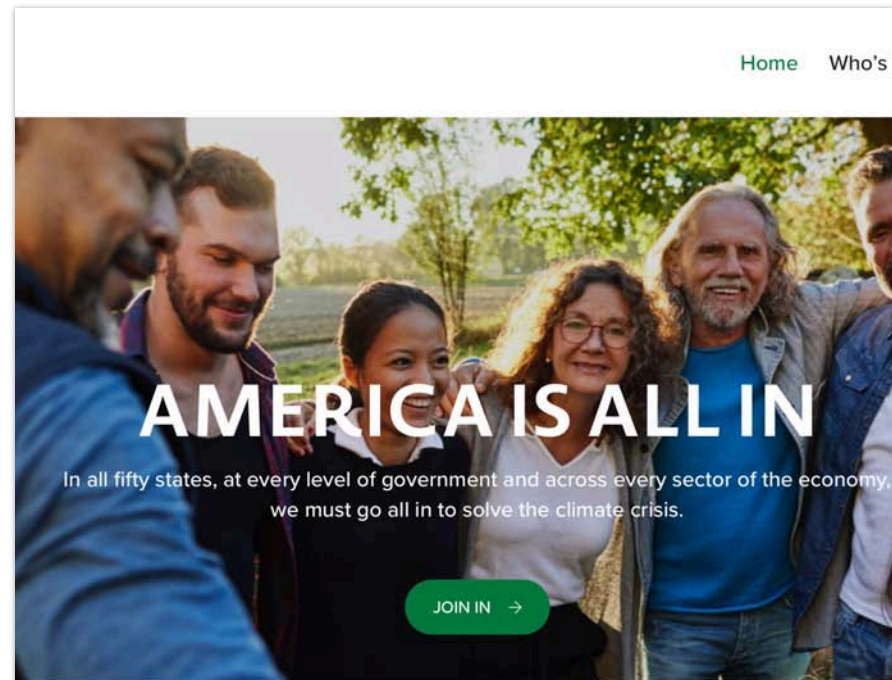
AMERICA IS ALL IN
In all fifty states, at every level of government and across every sector of the economy,
we must go all in to solve the climate crisis.

JOIN IN →

<https://www.americaisallin.com>

“AMERICA IS ALL IN is the most expansive coalition of leaders ever assembled in support of climate action in the United States.

Mobilizing thousands of U.S. cities, states, tribal nations, businesses, schools, and faith, health, and cultural institutions, the coalition is **working alongside the federal government to develop a national climate strategy** that meets the urgency of the climate crisis, scaling climate action around the country to empower workers and communities, and promoting the leadership of non-federal actors on the world stage.”



<https://www.americaisallin.com>

Biden Nominees Signal A New Era Of Climate Federalism -- January 1, 2021

“...condition federal funding for state plans to build electric vehicle infrastructure and clean energy, or pay states to prepare climate action plans and stipulate that they be subject to federal enforcement...”

Biden Nominees Signal A New Era Of Climate Federalism

POLITICS 01/01/2021 08:00 am ET | Updated Jan 01, 2021

Biden Nominees Signal A New Era Of Climate Federalism

Biden will need to woo states to adopt his climate agenda. It could prove tough.

By Chris D'Angelo and Alexander C. Kaufman

President-elect [Joe Biden](#) has assembled what environmentalists are calling an “all-star” team to lead his government’s efforts to curb [climate change](#) and reverse the [Trump administration’s](#) astoundingly pro-polluter legacy.

Rep. [Deb Haaland](#) (D-N.M.), one of the first two Native American women elected to Congress and a strong supporter of the [Green New Deal](#) movement, would replace a former oil lobbyist if the Senate confirms her as head of the Interior Department. In place of the ex-coal lobbyist running the Environmental Protection Agency would be Michael Regan, who brokered the biggest coal-ash cleanup settlement in U.S. history as North Carolina’s top environmental regulator. The Energy Department would swap a fossil fuel die-hard for Jennifer Granholm, Michigan’s former governor and attorney general and now a clean energy advocate.

With the Senate likely to remain in Republican hands this year, Biden seems to be

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TRENDING



Trump Lawyer: Impeach
Could Bring About A Second
Civil War

https://www.huffpost.com/entry/joe-biden-climate-environment-strategy_n_5fede4bbc5b61817a535b5f1?guccounter=1

December 16, 2020 – 350 Organizations Urge Biden to Sign Climate Emergency Executive Order



CENTER for BIOLOGICAL DIVERSITY

Because life is good.

For Immediate Release, December 16, 2020

Contact: Kassie Siegel, Center for Biological Diversity, (951) 961-7972, ksiegel@biologicaldiversity.org
Dallas Goldtooth, Indigenous Environmental Network, (507) 412-7609, dallas@iencan.org
Joe Uehlein, Labor Network for Sustainability, (202) 256-7848, joe@labor4sustainability.org

Biden Urged to Sign Climate Emergency Executive Order

WASHINGTON— More than 380 groups today called on President-elect Joe Biden to sign an executive order to confront the climate emergency with the full power of the executive branch as soon as he takes office.

The groups presented Biden with a draft [executive order](#) with a suite of actions the president can take under existing law to phase out fossil fuels, protect workers and communities and “build back better” to a just, clean-energy economy.

“Our house is ablaze with a fire fanned by Trump for four years,” said Kassie Siegel, director of the Center for Biological Diversity’s Climate Law Institute and one of the key authors of the order. “There’s no time to lose. Biden must take bold action the moment he steps into the Oval Office, without punting to a dysfunctional Congress. This order is the road map for Biden to be the climate president we need.”

The executive order begins with the declaration of a climate emergency under the National Emergencies Act. That statute, which has been used by every president since it was passed in 1976, unlocks special powers for the president and federal agencies. The groups are urging Biden to use those emergency powers for two key actions: reinstating the ban on crude oil exports and redirecting a portion of military spending to clean-energy infrastructure.

The rest of the climate actions can be accomplished with ordinary executive powers under existing law. They

<https://biologicaldiversity.org/w/news/press-releases/biden-urged-sign-climate-emergency-executive-order-2020-12-16/>

Opinion: How Joe Biden can act boldly to address the climate crisis



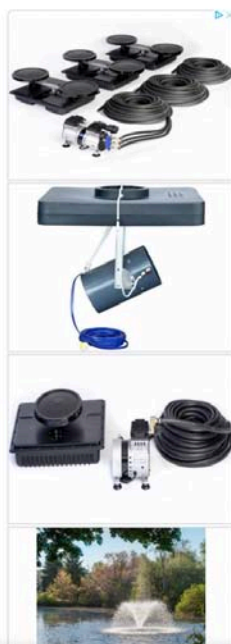
The melted sign of the Oak Park Motel, destroyed by wildfire near Salem, Ore., in September. (Rob Schumacher/AFP/Getty Images)

Opinion by **Jeff Merkley**

Dec. 21, 2020 at 5:00 a.m. MST

Jeff Merkley, a Democrat, represents Oregon in the U.S. Senate.

This September, as [Oregon wildfires](#) raged, I drove more than 600 miles up and down our state and never once broke free from a thick cloud of hazardous smoke. I saw towns that had been completely incinerated. I heard the heartbreak, fear and frustration of Oregonians who had their homes to sell.



Sen. Jeff Merkley (D-OR)
December 21, 2020

“But we cannot wait. **We need bold executive action ...**

The National Emergencies Act (NEA) and the Defense Production Act (DPA) **give the president broad powers to act in the national interest during grave national emergencies.**”

Climate Emergency Declaration
Call to declare a climate emergency

HOME NEWS ▾ ACTION GROUPS ▾ PETITIONS ▾ SUPPORTERS ▾ TOOLBOX ▾ MEDIA ▾

Climate emergency declarations in 1,870 jurisdictions and local governments cover 820 million citizens
Posted on 4 February 2021

1,870 jurisdictions in 33 countries have declared a climate emergency. Populations covered by jurisdictions that have declared a climate emergency amount to over 820 million citizens, with 60 million of these living in the United Kingdom. This means in Britain around 90 per cent of the population lives in areas where the local authorities have declared a climate emergency – over 480 councils all together.

LOCAL GOVERNMENTS COUNTING
On the list below are only included jurisdictions that have passed a binding motion declaring a climate emergency.

<https://climateemergencydeclaration.org/climate-emergency-declarations-cover-15-million-citizens/>

1,870 jurisdictions in 33 countries have declared a climate emergency.

“Sanders, Ocasio-Cortez, Blumenauer aim to require Biden to declare climate emergency”

“We are out of time and excuses. Our country is in crisis and, to address it, we will have to mobilize our social and economic resources on a massive scale,” Ocasio-Cortez said in a statement.”

“If we want to ensure that our nation has an equitable economic recovery and prevent yet another life-altering crisis - then we have to start by calling this moment what it is, a national emergency,” she added.” February 4, 2021

<https://thehill.com/policy/energy-environment/537338-sanders-ocasio-cortez-aim-to-require-biden-to-declare-climate>

“More than 50 countries commit to protection of 30% of Earth's land and oceans”

“[T]he UK environment minister Zac Goldsmith said: ‘We have an enormous opportunity at this year’s biodiversity conference in China to forge an agreement **to protect at least 30% of the world’s land and ocean by 2030.** I am hopeful our joint ambition will curb the global decline of the natural environment, so vital to the survival of our planet.’”

January 11, 2021

The screenshot shows the top portion of a news article on The Guardian website. The page header includes the Guardian logo, navigation links for News, Opinion, Sport, Culture, Lifestyle, and More, and a search bar. The article title is "More than 50 countries commit to protection of 30% of Earth's land and oceans". Below the title is a sub-headline: "Coalition says promise is key to preventing mass extinctions and ensuring clean air and water". A photograph of a whale breaching the ocean surface is featured. To the left of the main text, there is a sidebar with logos for "The age of extinction" supported by "BAD FOUNDATION" and "OAK FOUNDATION". Below the photo, there is a small section titled "About this content" mentioning "Patrick Greenfield and Fiona Harvey". On the right side of the page, there is an "Advertisement" section with a list of eight items, including "OLDER WOMEN TRENDY DRESSES", "10 STOCKS TO BUY RIGHT NOW", "TRENDY CLOTHES FOR OLDER WOMEN", "AFFORDABLE ELECTRIC CARS", "BIRD WATCHING BINOCULARS", "ELECTRIC CHARGING STATION", "TOP 5 FIXED RATE BONDS", and "10 BEST FIXED RATE BONDS".

https://www.theguardian.com/environment/2021/jan/11/50-countries-commit-to-protection-of-30-of-earths-land-and-oceans?utm_campaign=conservation_olhs_____&utm_source=twitter_environment&utm_medium=social&utm_content=3rdparty_general___linkcard_&utm_term=___

Will Senate wins unlock Biden's 100% clean energy agenda? January 7, 2021

E&E NEWS SEARCH: []

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POLITICS
Will Senate wins unlock Biden's 100% clean energy agenda?
Lesley Clark and Peter Behr, E&E News reporters • Published: Thursday, January 7, 2021

Democrats Jon Ossoff (left) and Raphael Warnock (right) defeated Republican incumbents in Georgia's runoff Senate races Tuesday. But experts say the incoming 51-50 Democratic majority in the Senate — with Vice President-elect Kamala Harris set to hold the tiebreaking 51st vote — may not be able to enact President-elect Joe Biden's ambitious clean energy agenda. @ossoff/Twitter; Marc Houck/Photo/Biden; @RaphaelWarnock/Twitter

Democratic control of the U.S. Senate gives President-elect Joe Biden's efforts to achieve 100% zero-carbon electricity a powerful boost, easing his ability to seek a climate-focused Cabinet and enact legislation to increase spending on green energy.

Democrat Jon Ossoff won his Georgia runoff against Republican David Perdue yesterday, per the Associated Press, joining Democrat Raphael Warnock to sweep the state and give Democrats a narrow, but pivotal, 51-50 edge in the Senate chamber. Vice President-elect Kamala Harris is set to hold the tiebreaking 51st vote.

"The Biden clean energy agenda just got a huge shot in the arm," said Paul Bledsoe, a former Senate Finance Committee staffer now with the Progressive Policy Institute. He noted Democrats will now control the

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President Biden:
Thank you for protecting public lands and fighting the climate crisis.

Keep up the fight.
Sign the petition

“An emergency climate mobilization?”

“380 climate action groups to petitioned Biden last month to wield presidential authority under separate federal laws to **order accelerated federal investment in wind, solar and battery installations.**

“It presented Biden with a draft executive order that would **declare a climate emergency** under the 1976 National Emergencies Act (NEA), using it to **reinstate the federal ban on crude oil exports and divert part of the military budget to invest in clean energy infrastructure.** The order also would use the **Clean Air Act to restrict greenhouse gas emissions ...”**

<https://www.eenews.net/stories/1063721987>

Will Senate wins unlock Biden's 100% clean energy agenda? January 7, 2021

E&E NEWS SEARCH: [] [x]

<< Back to E&E News index page.

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“An emergency climate mobilization?”

“mobilize U.S. production of clean energy technologies under the Defense Production Act (DPA). Another order would direct the secretaries of Energy and Defense to use the authority of the DPA to mobilize domestic production of clean and renewable energy on a six-month deadline.

“The point of the DPA order is to jump-start the clean energy economy, and then we look at utilities, community solar providers and [municipal power authorities] to purchase the power,” said Jean Su, staff attorney with the Center for Biological Diversity, an organizer of the climate action group petition.”

<https://www.eenews.net/stories/1063721987>



Congressional Bill Urges Biden to Declare Climate Emergency

Center for Biological Diversity
Press Release
February 4, 2021



CENTER for BIOLOGICAL DIVERSITY

Because life is good.

For Immediate Release, February 4, 2021

Contact: Jean Su, (415) 770-3187, jsu@biologicaldiversity.org

Congressional Bill Urges Biden to Declare Climate Emergency

Measure Backed by Hundreds of Climate, Justice Organizations

WASHINGTON— Sens. Bernie Sanders (I-Vt.) and Jeff Merkley (D-Ore.) and Reps. Earl Blumenauer (D-Ore.) and Alexandria Ocasio-Cortez (D-N.Y.) introduced a [bill](#) today that would require President Joe Biden to use the power he already has to declare a climate emergency under the National Emergencies Act.

Under such a declaration, President Biden could take concrete steps to steer the economy away from climate catastrophe and toward a sustainable, just future. These include reinstating the crude oil exports ban and directing military funds toward wide-scale renewable energy construction. The president can also marshal private industry to develop clean transportation and power generation, creating millions of high-quality jobs.

"This bill heeds the sirens calling for urgent climate action," said Jean Su, [energy justice](#) director and a staff attorney at the [Center for Biological Diversity](#). "The president already has the power to declare a climate emergency, and now Congress is urging him to use it. Deadly wildfires, storms and heat waves are ravaging the country and the world with increasing intensity. It's vital for Congress to pass this bill and for President Biden to use his existing emergency powers to move us toward a just and livable planet."

The bill calls on Biden to invest in large-scale mitigation and resiliency projects, including upgrading infrastructure to expand access to clean energy, especially for communities of color that have been disproportionately impacted by climate harm.

It follows a years-long campaign by nearly 750 climate and environmental justice groups urging the president to declare a climate emergency and fully use the emergency powers that Congress allows in the face of a crisis.

Ahead of Biden's inauguration, these groups, spearheaded by the Center, presented him with a progressive "[Climate President](#)" action plan and model [executive order](#). The Center has been [leading the call](#) to reinstate the crude oil export ban under a climate emergency declaration since 2016.

"While President Biden's climate executive order is a strong first step, declaring a climate emergency will call this crisis what it is and level up the tools we have to confront it," said Su. "Out of the devastation of the coronavirus and the Trump administration, the president must seize this singular chance to build back a just and clean energy system that both tackles the climate crisis and the wretched racism embedded in it."

The bill's introduction follows several prominent political calls for a climate emergency declaration. Last week Majority Leader Chuck Schumer said during a prime-time [national television](#) appearance that President Biden should use emergency powers that offer greater flexibility to address the climate crisis. In December Sen. Jeff Merkley issued the same call in the [Washington Post](#).

The Center for Biological Diversity is a national, nonprofit conservation organization with more than 1.7 million members and online activists dedicated to the protection of endangered species and wild places.

Sens. Bernie Sanders (I-Vt.) and Jeff Merkley (D-Ore.) and Reps. Earl Blumenauer (D-Ore.) and Alexandria Ocasio-Cortez (D-N.Y.) introduced **a bill to require President Joe Biden to declare a climate emergency under the National Emergencies Act.**

.....
(Original Signature of Member)

117TH CONGRESS
1ST SESSION

H. R. _____

To require the President to declare a national climate emergency under the National Emergencies Act, and for other purposes.

IN THE HOUSE OF REPRESENTATIVES

Mr. BLUMENAUER introduced the following bill; which was referred to the Committee on _____

A BILL

To require the President to declare a national climate emergency under the National Emergencies Act, and for other purposes.

1 *Be it enacted by the Senate and House of Representa-*

February 4, 2021

Executive Actions under the National Emergencies Act (NEA) and the Defense Production Act (DPA)

“Declaring a national emergency, pursuant to the National Emergencies Act... will unlock specific executive emergency powers enumerated in more than 130 statutes” including “redirect[ing] a portion of military spending to carry out a rapid construction program of renewable energy projects” under the **Defense Production Act (DPA)**.

<https://www.climatepresident.org/Legal-Authority-for-Presidential-Climate-Action.pdf>



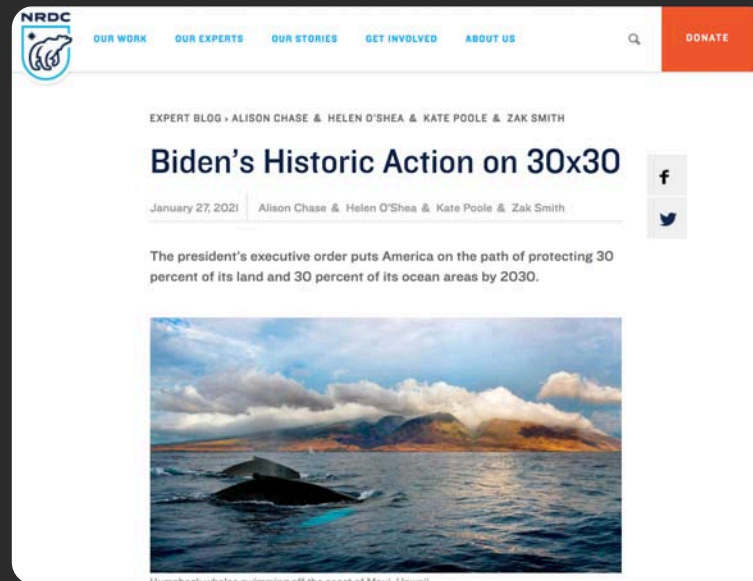
“The United States—and the planet—face an **indisputable climate emergency**. The solution to the crisis is also inarguable: **We must transform our extractive economy to a regenerative and inclusive one**, which includes **rapidly converting our energy generation** and transportation sectors to 100% clean and renewable energy and **eliminating the production and consumption of fossil fuels.**”



<https://www.climatepresident.org/Legal-Authority-for-Presidential-Climate-Action.pdf>

Biden's Historic Action on 30x30 -- January 27, 2021

“We now have a national call to action. Meeting the 30x30 goal will require coordination among multiple federal agencies, states, tribes, and communities. To ensure that 30x30 is more than a paper target and puts **the United States on a path to meeting the target within nine years, the work must get off the ground as soon as possible.**”



<https://www.nrdc.org/experts/alison-chase/bidens-historic-action-30x30>

February 9, 2021

White House and congressional Democrats agree
“**moving away from fossil fuels, creating green jobs are top priorities.**”

“Climate change is the most pressing issue of our time and we must act boldly to address this existential threat.”

hands on deck for climate change

White House and congressional Democrats agree moving away from fossil fuels, creating green jobs are top priorities



Senate Majority Leader Charles E. Schumer says he has directed the new chairs of "all relevant committees to begin holding hearings on the climate crisis."
(Caroline Brehman/CQ Roll Call)

<https://www.rollcall.com/2021/02/09/as-oceans-rise-democrats-put-all-hands-on-deck-for-climate-change/>

White House and congressional Democrats agree moving away from fossil fuels, creating green jobs are top priorities
February 9, 2021

“As we all know, **climate change touches virtually every aspect of our economy and involves virtually every aspect of public policy.** So as the Biden administration prepares a whole government approach to combating climate change.”

POLICY

As oceans rise, Democrats put all hands on deck for climate change

White House and congressional Democrats agree moving away from fossil fuels, creating green jobs are top priorities



Senate Majority Leader Charles E. Schumer says he has directed the new chairs of "all relevant committees to begin holding hearings on the climate crisis." (Caroline Brehman/CQ Roll Call)

By Benjamin J. Hulas
Posted February 9, 2021 at 6:00am

<https://www.rollcall.com/2021/02/09/as-oceans-rise-democrats-put-all-hands-on-deck-for-climate-change/>

Inside the Haaland-Grijalva partnership

February 9, 2021

“**Haaland is a staunch progressive** who is unapologetic in her views of what it means to protect the environment — **much like Grijalva**, who was passed over for Interior gigs with the Obama administration for being **too uncompromising in his own environmental politics**.

“As colleagues and partners on the Natural Resources Committee, Haaland and Grijalva were **aligned on environmental justice legislation, the Green New Deal and banning fossil fuel production on federal lands.**”



OR

Inside the Haaland-Grijalva partnership

Francis Chung/E&E News reporter • Published: Tuesday, February 9, 2021



Natural Resources Chairman Raúl Grijalva (D-Ariz.) with Rep. Deb Haaland (D-N.M.) in 2019. Francis Chung/E&E News

Grijalva doesn't tend to recruit members to serve on the House Natural Resources Committee, of which he's served as top Democrat since 2015. The Arizona lawmaker made an announcement in 2018, when he learned Deb Haaland was coming to Capitol Hill.

When Grijalva was expected to assume the chairmanship in the new Democratic majority, Grijalva immediately began courting Haaland, a Democrat from New Mexico who was already gaining notice as

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<https://www.eenews.net/stories/1063724671>



Deb Haaland 
@DebHaalandNM



A voice like mine has never been a Cabinet secretary or at the head of the Department of Interior.

Growing up in my mother's Pueblo household made me fierce. I'll be fierce for all of us, our planet, and all of our protected land.

I am honored and ready to serve.

5:00 PM · Dec 17, 2020 · Twitter Web App

39.7K Retweets **4,982** Quote Tweets **343.1K** Likes

<https://twitter.com/DebHaalandNM/status/1339722046373130241>



CENTER for BIOLOGICAL DIVERSITY

Because life is good.

For Immediate Release, May 6, 2021

Contact: Joe Trudeau, Center for Biological Diversity, (928) 800-2472, jtrudeau@biologicaldiversity.org
Katie Arberg, Defenders of Wildlife, (202) 772-0259, karberg@defenders.org
Mike Quigley, The Wilderness Society, (520) 334-8741, mike_quigley@twso.org
Sandy Bahr, Sierra Club, (602) 999-5790, sandy.bahr@sierraclub.org
Kim Crumbo, The Rewilding Institute, (928) 606-5850, kcrumbo43@icloud.com
Amber Fields, Save the Dells, (928-800-2467), info@savethedells.org

Biden Administration's 'America the Beautiful' Plan Opens Door for Arizonans to Protect Lands, Waters

Public Lands to Play Key Role in Helping Arizona Address Climate, Extinction Crises

TUCSON, Ariz.— Arizona conservation groups today welcomed the [Biden administration's plan](#) to conserve at least 30% of the nation's lands and waters by 2030 and urged state and local officials to commit to the urgent work of protecting biodiversity, slowing the wildlife extinction crisis and addressing the climate emergency.

The plan, required under President Biden's January [executive order](#), outlines ways to measure progress and support local efforts. It also encourages local communities to help identify what lands should be protected and what steps should be taken to safeguard critical wildlife habitats, connectivity corridors, climate refuges and waterways.

"This report is a good start, but it's critical to ensure that at least 30% of our wild places in the U.S. and in Arizona are fully protected," said Joe Trudeau, Southwest conservation advocate at the Center for Biological Diversity. "Arizona has a remarkable opportunity to lead the way because of our state's diverse natural and cultural landscapes. From biodiversity hotspots like the streams along the Mogollon Rim to migrating birds in our urban greenways, wildlife habitats need stronger protection if we're to have any chance of leaving a livable planet to our grandchildren."

Arizona groups recently launched a 30x30 task force to begin establishing key conservation areas, partners and priorities. Arizona's deserts, mountains and rivers harbor a vast

https://biologicaldiversity.org/w/news/press-releases/biden-administrations-america-the-beautiful-plan-opens-door-for-arizonans-to-protect-lands-waters-2021-05-06/email_view/

Ten Essential Actions the Next President Can Take Without Congress

“Direct the Attorney General to investigate all legal violations by fossil fuel polluters and prosecute them to the maximum extent of the law, including by **supporting the "nuisance" and "fraud" suits brought by more than a dozen local and state governments against fossil fuel producers for the damages they have caused. Like asbestos, tobacco and opioid manufacturers, the fossil fuel industry had long-standing knowledge of the risks associated with their products;** rather than taking steps to prevent climate change, the industry took action to conceal and deny that knowledge and discredit climate science, in contradiction to their own internal research and the actions they took to protect their assets from climate impacts.”



8. Advance Climate Justice: Direct federal agencies to assess and mitigate environmental harms to disproportionately impacted Indigenous Peoples, People and Communities of Color, and low-wealth communities



9. Make polluters pay: Investigate and prosecute fossil fuel polluters for the damages they have caused. Commit to veto all legislation that grants legal immunity for polluters, undermines existing environmental laws, or advances false solutions



<https://www.climatepresident.org>

<https://www.climatepresident.org/Legal-Authority-for-Presidential-Climate-Action.pdf>

Biden Now Supports Ending Filibuster, Held Meeting On How 'Big,' 'Fast' He Can 'Jam Through' Agenda: Report – March 24, 2021

Democrat President Joe Biden reportedly held a recent secret meeting in the White House with “historians” to discuss how “big” of an agenda he could push and how “fast” he could “jam” it through.

“It is time to go even bigger and faster than anyone expected. If that means chucking the filibuster and bipartisanship, so be it,” the report said.

“The agenda that Biden wants to enact includes a crackdown on the Second Amendment, passing a highly controversial election reform bill, and **a radical climate agenda.**”

— NEWS AND COMMENTARY —

Biden Now Supports Ending Filibuster, Held Meeting On How 'Big,' 'Fast' He Can 'Jam Through' Agenda: Report

By Ryan Saavedra · Mar 24, 2021 DailyWire.com · [f](#) [t](#) [v](#)



Stefani Reynolds / CNP / Bloomberg via Getty Images

Democrat President Joe Biden reportedly held a recent secret meeting in the White House with “historians” to discuss how “big” of an agenda he could push and how “fast” he could “jam” it through.

https://www.dailywire.com/news/biden-now-supports-ending-filibuster-held-meeting-on-how-big-fast-he-can-jam-through-agenda-report?%3Futm_source=twitter

Royally Losing Higher Royalties on State and Offshore Oil and Gas Production Reap Billions More than Drilling on Federal Lands – February 25, 2020

“The federal government lost up to \$12.4 billion in revenue from oil and gas drilling on federal lands from 2010 through 2019, because it continues to apply a **grossly outdated royalty rate set in 1920.**”

Federal lands throughout the Western United States contain vast deposits of valuable oil and gas resources. The U.S. government holds millions of acres of these lands in trust for federal taxpayers, the true landowners.

<https://www.taxpayer.net/energy-natural-resources/royally-losing/>



REPORT

Royally Losing

Higher Royalties on State and Offshore Oil and Gas Production Reap Billions More than Drilling on Federal Lands

Energy & Natural Resources | Analysis
Feb 25, 2020 | 56 sec read | [Print Article](#)

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The federal government lost up to \$12.4 billion in revenue from oil and gas drilling on federal lands from 2010 through 2019, because it continues to apply a grossly outdated royalty rate set in 1920. Bringing the onshore federal royalty into the modern era, in line with rates for state and offshore production, will stem the losses and generate billions more dollars for federal and state coffers in the coming decades.

Federal lands throughout the Western United States contain vast deposits of valuable oil and gas resources. The U.S. government holds millions of acres of

Deseret News January 11, 2021

“A study by the Wyoming Energy Authority predicts an outright **ban on oil and gas production on federal lands will cost Utah \$1.4 billion** over the first four years of a Biden administration”

POLITICS U.S. & WORLD UTAH

What will Utah's energy landscape look like under Biden?

Will it spur technological advancements to emphasize an embrace of clean energy or will it cost more than a trillion dollars without tangible benefits that accrue to Utah?

By Amy Joi O'Donoghue | @Amyjoi16 | Jan 11, 2021, 9:11am MST

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Workers drill for blasting at the Bronco Utah Mine near Emery on Wednesday, March 29, 2017. | Jeffrey D. Allred, Deseret News



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<https://www.deseret.com/utah/2021/1/11/22207101/what-will-utahs-energy-landscape-look-like-under-biden>

Bloomberg Green July 11, 2021

“U.S. Treasury Secretary Janet Yellen signaled she'll prod multilateral development banks to rein in their lending for fossil fuels, part of a global effort to make the financial system greener.”

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Economics

Yellen Targets Curbs on Development Bank Support for Fossil Fuel

By [Christopher Condon](#)
July 11, 2021, 4:25 AM MDT

- ▶ Treasury chiefs gather bank heads to discuss net-zero target
- ▶ U.S. joins effort to steer investment toward greener energy



Janet Yellen during the G20 finance ministers and central bankers meeting in Venice, on July 11. Photographer: Andreas Soliro/AFP/Getty Images

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https://www.bloomberg.com/news/articles/2021-07-11/yellen-targets-curbs-on-development-bank-support-for-fossil-fuel?srnd=green&sref=CUVIn3st&utm_source=twitter&utm_content=energy&utm_campaign=socialflow-organic&cmpid%3D=socialflow-twitter-energy&utm_medium=social

“The Fiscal and Economic Impacts of Federal Onshore Oil and Gas Lease Moratorium and Drilling Ban Policies”

Dr. Timothy J. Considine
 Professor of Energy Economics
 School of Energy Resources
 University of Wyoming
 December 14, 2020

“Under a drilling ban these **cumulative losses are \$40.5 billion near term and \$168 billion during the last five years from 2036 through 2040.** Lower investment directly lowers gross national product so these investment losses may have national economic implications for steel and other oil and gas support industries outside the study region, which are beyond the scope of this study.”

Table ES1: Average annual investment losses in millions of dollars

	Leasing Moratorium			
	2021-25	2025-30	2031-35	2036-40
Wyoming	\$2,311	\$4,762	\$6,917	\$8,770
New Mexico	\$2,625	\$3,594	\$4,681	\$5,988
Colorado	\$586	\$1,095	\$1,508	\$1,870
Utah	\$248	\$406	\$547	\$698
North Dakota	\$279	\$358	\$467	\$601
Montana	\$56	\$112	\$169	\$224
California	\$317	\$650	\$985	\$1,307
Alaska	\$412	\$1,525	\$6,932	\$13,451
Total Average	\$6,835	\$12,503	\$22,206	\$32,908
5-Year Total	\$34,176	\$62,517	\$111,028	\$164,541
	Drilling Ban			
Wyoming	\$2,740	\$4,913	\$7,073	\$8,952
New Mexico	\$3,141	\$3,710	\$4,787	\$6,113
Colorado	\$700	\$1,129	\$1,542	\$1,909
Utah	\$293	\$419	\$560	\$712
North Dakota	\$336	\$370	\$477	\$613
Montana	\$66	\$115	\$173	\$229
California	\$369	\$671	\$1,007	\$1,334
Alaska	\$456	\$1,573	\$7,471	\$13,845
Total Average	\$8,100	\$12,900	\$23,090	\$33,707
5-Year Total	\$40,501	\$64,499	\$115,449	\$168,535

<https://www.scribd.com/document/488632903/Final-Report-Federal-Leasing-Drilling-Ban-Policies-121420>

Business Community Responds to Executive Order Restricting Energy Leases February 10, 2021

"The Salt Lake Chamber has issued the following statement regarding the executive order placing a moratorium on new oil and gas development leases on federal lands:

"The Biden Administration's recent action to impose an open ended moratorium on new federal oil and gas leasing **will have negative consequences for Utah's economy**. Now is not the time to stall job creation or energy production during a pandemic and the Chamber calls for a better, more deliberate and inclusive process to reach these decisions."



The screenshot shows the website utahpolicy.com with the tagline "WHERE POLITICAL JUNKIES GET THEIR DAILY FIX". The navigation menu includes Home, Features, Topics, Email Newsletter, About, Contact Us, and Advertise. The article title is "Business community responds to executive order restricting energy leases". The article details are: Written by SL Chamber, Category: Featured Articles, Created: 10 February 2021. The Salt Lake Chamber logo is displayed, featuring a stylized mountain range and the text "SALT LAKE CHAMBER EST. 1887 UTAH'S BUSINESS LEADER". The article text reads: "The Salt Lake Chamber has issued the following statement regarding the executive order placing a moratorium on new oil and gas development leases on federal lands: 'The Biden Administration's recent action to impose an open ended moratorium on new federal oil and gas leasing will have negative consequences for Utah's economy. Now is not the time to stall job creation or energy production during a pandemic and the Chamber calls for a better, more deliberate and inclusive process to reach these decisions.' 'We agree with Utah's federal delegation, governor, and legislative leadership that federal reviews should be conducted with full transparency, in consultation with state, local, and Tribal authorities, and include analyses of the impact of potential federal action on rural communities and businesses, and on state and local revenues. Decisions that have profound consequences locally should not be made in a vacuum in Washington. 'Jobs, economic vitality, and funding for civil services, particularly in Utah's rural areas are at stake. We strongly urge the Biden Administration to honor the spirit of unity they have espoused by connecting and collaborating with those whom their

<https://utahpolicy.com/index.php/features/featured-articles/26303-business-community-responds-to-executive-order-restricting-energy-leases>

Business Community Responds to Executive Order Restricting Energy Leases February 10, 2021

“Jobs, economic vitality, and funding for civil services, particularly in Utah’s rural areas are at stake. We strongly urge the Biden Administration to fully embody the spirit of unity they have espoused by connecting and collaborating with those whom their policies most directly affect.”

The screenshot shows the website UTAHPOLICY.COM with the tagline 'WHERE POLITICAL JUNKIES GET THEIR DAILY FIX'. The navigation menu includes Home, Features, Topics, Email Newsletter, About, Contact Us, and Advertise. The article title is 'Business community responds to executive order restricting energy leases'. The article details are: Written by SL Chamber, Category: Featured Articles, Created: 10 February 2021. The Salt Lake Chamber logo is displayed, featuring a stylized mountain range and the text 'SALT LAKE CHAMBER EST. 1887 UTAH'S BUSINESS LEADER'. The article text states: 'The Salt Lake Chamber has issued the following statement regarding the executive order placing a moratorium on new oil and gas development leases on federal lands: "The Biden Administration's recent action to impose an open ended moratorium on new federal oil and gas leasing will have negative consequences for Utah's economy. Now is not the time to stall job creation or energy production during a pandemic and the Chamber calls for a better, more deliberate and inclusive process to reach these decisions." "We agree with Utah's federal delegation, governor, and legislative leadership that federal reviews should be conducted with full transparency, in consultation with state, local, and Tribal authorities, and include analyses of the impact of potential federal action on rural communities and businesses, and on state and local revenues. Decisions that have profound consequences locally should not be made in a vacuum in Washington." "Jobs, economic vitality, and funding for civil services, particularly in Utah's rural areas are at stake. We strongly urge the Biden Administration to fully embody the spirit of unity they have espoused by connecting and collaborating with those whom their

<https://utahpolicy.com/index.php/features/featured-articles/26303-business-community-responds-to-executive-order-restricting-energy-leases>

Lower cost and more feasible options to restore forest cover in the contiguous United States for climate mitigation – Dec 18, 2020

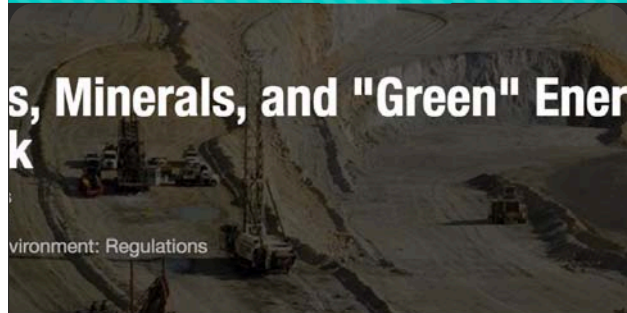
The screenshot shows the One Earth journal article page. The title is "Lower cost and more feasible options to restore forest cover in the contiguous United States for climate mitigation". The authors listed are Susan C. Cook-Patton, Trisha Gopalakrishna, Adam Daigneault, Jenny L. McGuire, Samantha M. Yeo, and Joseph E. Fargione. The article is available as Open Access with a DOI of <https://doi.org/10.1016/j.oneear.2020.11.013>. The page includes a "Highlights" section with two bullet points: "Restoring forest cover in the US can be a cost-effective climate solution" and "New forest across 51.6 Mha could capture 314 MtCO₂ year⁻¹". There is also a "Science for Society" section with the text "Restoring forest cover can help tackle climate change, so we created maps of opportunities to deploy this natural climate".

[https://www.cell.com/one-earth/fulltext/S2590-3322\(20\)30603-5](https://www.cell.com/one-earth/fulltext/S2590-3322(20)30603-5)

Science for Society

“Restoring forest cover can help tackle climate change... We found up to 51.6 Mha of area in the US to restore forest cover, which is about **double the size of Oregon. ... Pastures hold the most carbon capture potential at lowest cost, which could be realized via increased efficiencies in livestock production, **reductions in meat consumption,** or incorporation of trees among grasses.”**

The broad environmental and supply-chain implications of renewable energy July 9, 2020



Mines, Minerals, and "Green" Energy

Environment: Regulations

EXECUTIVE SUMMARY

Decision makers have shifted focus from pandemic challenges to economic recovery plans are once more being actively discussed, including the role of green energy advocates are doubling down on pressure to accelerate the use of wind, solar power, and electric cars. Left out of this discussion is consideration of the broad environmental and supply-chain implications of green energy.

As noted in a previous paper, "The New Energy Economy: An Examination of the Environmental and Supply-Chain Implications of Green Energy" [1] many enthusiasts believe things that are not possible with

"Today, the U.S. is 100% reliant on imports for 17 minerals and depends on imports for over 50% of 29 widely used minerals. China is a significant source for half of those 29 minerals."

<https://www.manhattan-institute.org/mines-minerals-and-green-energy-reality-check>

China Raises Threat Level Over Rare Earths

January 29, 2021

Radio Free Asia

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China Raises Threat Level Over Rare Earths

Shipments of strategic minerals plunge under new export controls.

An analysis by Michael Lelyveld
2021-01-29

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Samples of rare earth minerals from left: Cerium oxide, Bastnaesite, Neodymium oxide and Lanthanum carbonate at Molycorp's Mountain Pass Rare Earth facility in Mountain Pass, California in a file photo.

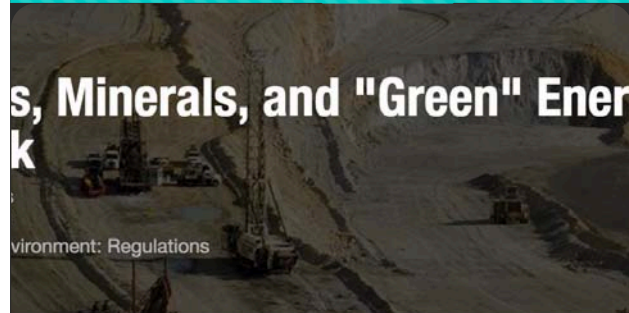
Reuters

“But whatever the reason given for the controls, **China has made no mystery of its motives for restricting REE exports.**”

“On its web page, the Global Times cited earlier reports describing **the new law as a ‘deterrent,’ a ‘bargaining chip’ and a ‘tool of reprisal’ against the United States.**”

https://www.rfa.org/english/commentaries/energy_watch/rareearth-01292021101912.html

The broad environmental and supply-chain implications of renewable energy July 9, 2020



THE SUMMARY

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mentioned in a previous paper, "The New Energy Economy: An Examination of the Implications of Renewable Energy" [1] many enthusiasts believe things that are not possible with

“...all energy-producing machinery must be fabricated from materials extracted from the earth. No energy system, in short, is actually “renewable,” since all machines require the continual mining and processing of millions of tons of primary materials and the disposal of hardware that inevitably wears out. **Compared with hydrocarbons, green machines entail, on average, a 10-fold increase in the quantities of materials extracted and processed to produce the same amount of energy.**”

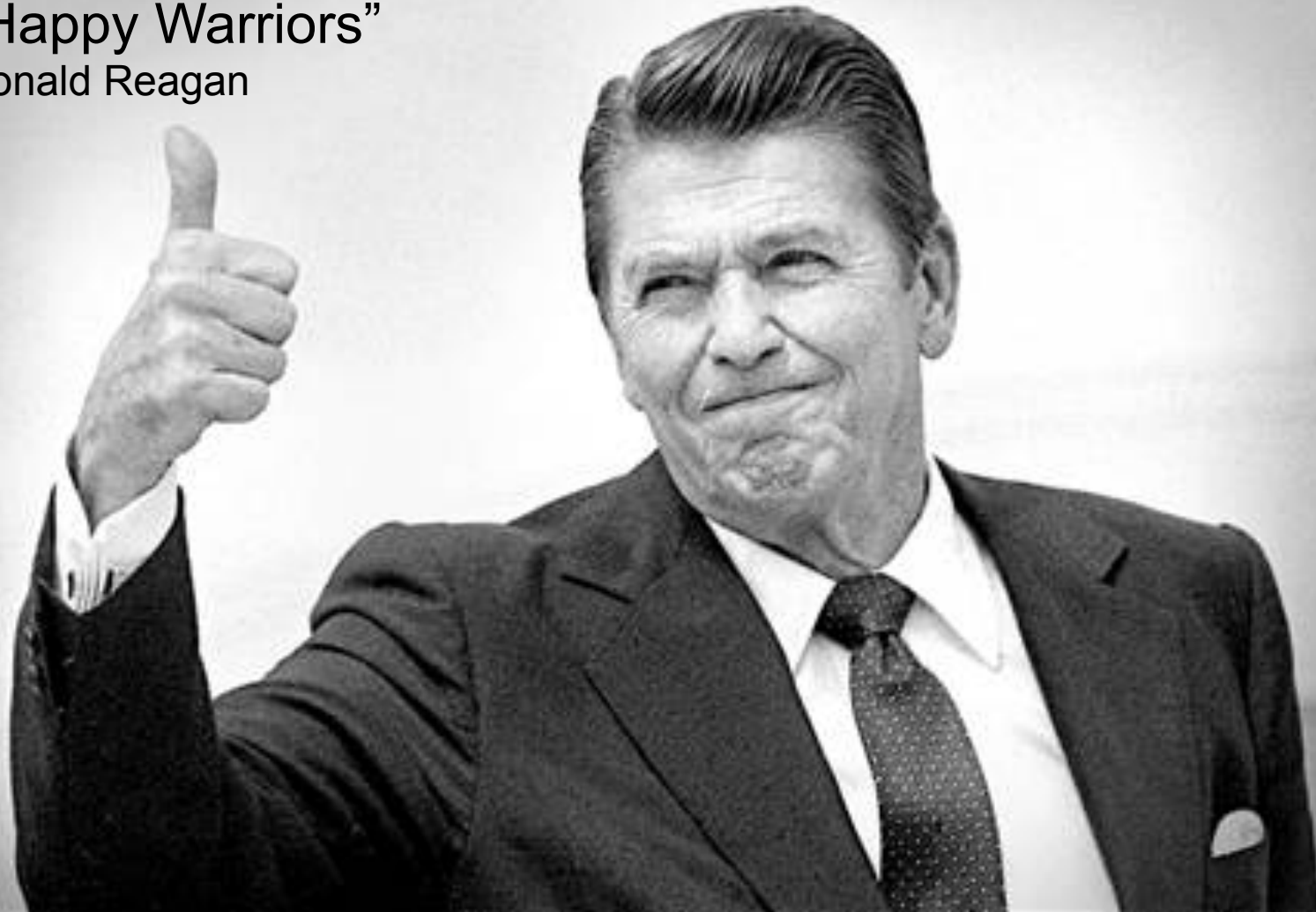
<https://www.manhattan-institute.org/mines-minerals-and-green-energy-reality-check>

The Bottom Line

The Biden Administration is driving the 30 X 30 agenda, invoking **the National Emergencies Act** and **the Defense Production Act** to **end all fossil fuel activity** and **introduce a zero-emission green economy** and infrastructure by executive order.

These actions **greatly impact Utah's economy and ability to self-govern**, and erode **the structure of American federalism**, which is what makes political and economic diversity combined with a strong national union possible.

“Happy Warriors”
Ronald Reagan



**Give me a lever long enough and a
fulcrum on which to place it and I shall
move the world. ~ Archimedes AD 340**



Utah's Public Lands Strategy

4 Principal Drivers:

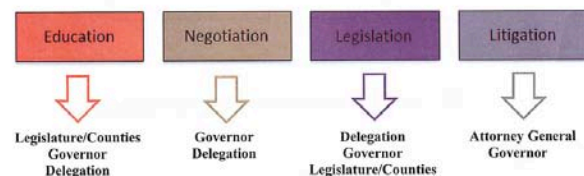
Each of the principal drivers has an important, but different role in the process.



4 Primary Tactics

The state needs to approach this issue in a comprehensive fashion. There are four general tools or tactics the state can consider utilizing:

Each one of these tactics can supplement the others, and each will need to be employed at different times/venues in order to succeed.



Education is the long game and is the essential foundation for all other approaches. Elected officials need to use their bully pulpit to educate their colleagues, the public, and the media about both the challenges of federal land ownership and opportunities to improve public-land management. We also need to educate and demonstrate that states CAN AND DO manage public lands responsibly.

Negotiation can take many forms. Requests, letters, resolutions, and both formal and informal meetings with federal officials can all advance the cause. Negotiations can also occur through the formal legislative process.

Legislation is the most likely tool to make immediate and meaningful progress on this issue. The very real national monument threat makes the Public Lands Initiative (PLI) the best short-term legislative vehicle to stave off further federal designations and to advance state ownership goals. Longer term, following significant political work, the best tool may be congressional legislation transferring public lands to states.

Litigation will need to be targeted, well-thought out, and offered at the appropriate time. We probably only have one attempt to get it right, and our prospects would fade significantly if our case is unsuccessful. Our litigation strategy will be strengthened if joined by other state

Utah's Public Lands Strategy

- Education
- Negotiation
- Legislation
- Litigation

Education – Scale, Scope, Impact & Deadlines of EO 14008 and 30X30 Mandate

- Counties
- Legislature
- Governor and Executive Agencies
- Delegation
- Citizens and Stakeholder Groups

Utah's Public Lands Strategy

4 Principal Drivers:

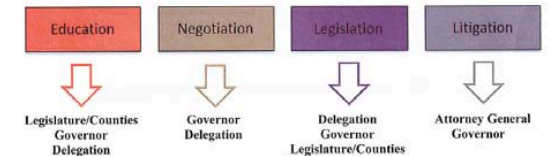
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Negotiation – Identify Points of Sympathy (Education, Healthcare, Public Services, Economy & Jobs, CIB, Public Safety, etc.), Engage All Consultation Opportunities (formal and informal), Foster Sympathy, Elicit Clarity and Intentions of 30X30 Mandate

- Counties
- Governor
- Delegation
- Legislative Leaders

Utah's Public Lands Strategy

4 Principal Drivers:

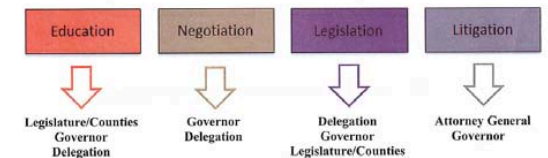
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Litigation will need to be targeted, well-thought out, and offered at the appropriate time. We probably only have one attempt to get it right, and our prospects would fade significantly if our case is unsuccessful. Our litigation strategy will be strengthened if joined by other state

Legislation – Resolutions (Educate, Foster Sympathy & Unity), Ordinances and Legislation (Maintain Jurisdiction and Preserve Health, Safety & Welfare), Block Adverse Legislation

- Counties
- Legislature
- Governor
- Delegation

Utah's Public Lands Strategy

4 Principal Drivers:

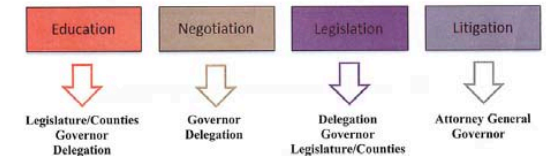
Each of the principal drivers has an important, but different role in the process.



4 Primary Tactics

The state needs to approach this issue in a comprehensive fashion. There are four general tools or tactics the state can consider utilizing:

Each one of these tactics can supplement the others, and each will need to be employed at different times/venues in order to succeed.



Education is the long game and is the essential foundation for all other approaches. Elected officials need to use their bully pulpit to educate their colleagues, the public, and the media about both the challenges of federal land ownership and opportunities to improve public-land management. We also need to educate and demonstrate that states CAN AND DO manage public lands responsibly.

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Litigation – Purposeful Negotiation; Coordinated Comments to Rules & Regulations; Notice & Demand Letters; Coordinated Litigation Strategy (types of actions, breadth of parties, etc.)

- Counties/County Attorneys
- Attorney General
- Governor

Utah's Public Lands Strategy

4 Principal Drivers:

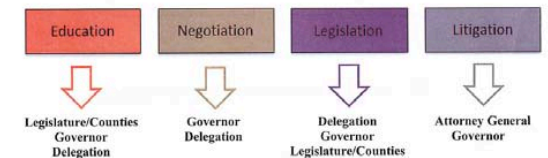
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**Commission on Federalism
Statutory Authority and Duties**

October 29, 2014

Commission/Cochair	Authority or Duty	Statutory cite
The commission may:	evaluate a federal law - as agreed by a majority of the commission; or - submitted by a member of the Constitutional Defense Council	63C-4a-303(1)
	request, from a US senator or representative elected from the state, information regarding a federal law under evaluation	63C-4a-303(2)
	recommend that the governor call a special session to give the Legislature the opportunity to respond to the commission's evaluation of a federal law	63C-4a-303(4)
	apply for and receive grants and receive private donations to assist in funding the creation, enhancement, and dissemination of the federalism curriculum	63C-4a-303(9)
The commission shall:	on May 20 and October 20 of each year, submit a report by email to the Legislative Management Committee and the Government Operations Interim Committee	63C-4a-303(6)
	keep a current list on the Legislature's website of: - a federal law that the commission evaluates; - action taken by a commission cochair to address a federal law that the commission finds is not authorized under the US Constitution or to violate the principle of federalism; - any coordination with another state through correspondence to discuss and coordinate the evaluation of and response to a federal law that violates the principle of federalism; and - any response received from a federal government entity relating to a federal law that the commission finds is not authorized under the US Constitution or to violate the principle of federalism	63C-4a-303(7)
	develop a curriculum for a seminar on the principles of federalism	63C-4a-303(8)
	evaluate whether a federal law evaluated under Section 63C-4a-303 is authorized by the US Constitution	63C-4a-304(1)
	evaluate whether a federal law evaluated under Section 63C-4a-303 violates the principle of federalism	63C-4a-304(2)

Biden's leasing ban brings furious letter from Utah governor, others February 22, 2021

"The letter went on to emphasize that the order Biden signed during his first day as president has a particularly negative economic impact on Western states with large tracts of federal lands, as well as Gulf Coast states, **chasing away capital investment impacting an array of services that include education and public safety.**

"Beyond directly impacted states, the order is estimated to **spike American residential energy costs by \$1.7 billion per year,**' the letter said."

<https://www.rga.org/wp-content/uploads/2021/02/Joint-Letter-to-President-Biden-on-the-Oil-and-Gas-Ban-2.22.2021.pdf>

POLITICS | UTAH | OUTDOORS

Biden's leasing ban brings furious letter from Utah governor, others

By Amy Jo O'Donoghue | @Amyjo16 | Feb 22, 2021, 4:00pm MST

f t SHARE



An oil pump sits idle near Ouray in Utah's Uinta Basin. Utah Gov. Spencer Cox joined 16 other GOP governors across the country in urging President Joe Biden to rescind his executive order banning any new leasing for oil and gas on federal

BEST COLLEGE TOWN IN IDAHO
— COLLEGE SNAG
VISIT
University of Idaho

<https://www.deseret.com/utah/2021/2/22/22295958/cox-other-governors-want-biden-to-end-fossil-fuel-lease-ban-climate-change-fracking-oil>

Nebraska Gov. Ricketts Warns Against Federal Overreach on Energy, Climate, & Conservation Issues – February 23, 2021

“I want to draw the attention of Nebraskans to the executive order’s goal of restricting ‘at least 30 percent of our lands and waters by 2030.’ Federal interventions that purport to aim at conservation or that regulate land and natural resource uses are only likely to hurt agriculture and to hinder growth in our economy. Nebraska will stand up against federal government overreach to protect our family farms and our way of life.”

<https://governor.nebraska.gov/press/gov-ricketts-warns-against-federal-overreach-energy-climate-conservation-issues>

News / Press Releases / Gov. Ricketts Warns Against Federal Overreach on Energy, Climate, & Conservation Issues

Gov. Ricketts Warns Against Federal Overreach on Energy, Climate, & Conservation Issues



February 23, 2021

Media Contacts:

Taylor Gage, 402-471-1970

Justin Pinkerman, 402-471-1967

Media Release:

Gov. Ricketts Warns Against Federal Overreach on Energy, Climate, & Conservation Issues

LINCOLN – Today, Governor Pete Ricketts issued a statement regarding Executive Order 14008, also known as the “Executive Order on Tackling the Climate Crisis at Home and Abroad.” It was signed by President Joseph R. Biden, Jr. on January 27, 2021.

“Nebraska’s farmers and ranchers are our state’s original conservationists. They work day in and day out to cultivate the land and manage water they’ve known for generations in a way that helps grow our state. With a new administration taking office, Nebraskans should be on the lookout in their communities for attempts by federal agencies and their partners to regulate land and water use. We are already seeing big changes in how the federal government is approaching energy, climate, and

FEDERALISM FIGHTS BACK: 12 States Sue Biden Over Climate Executive Order – March 8, 2021

A group of 12 states is suing the Biden administration over a climate executive order that they argue has the potential to economically impact the United States through the expansion of federal regulatory power.

Missouri Attorney General Eric Schmitt filed the suit on Monday. State attorneys general from Arkansas, Arizona, Indiana, Kansas, Montana, Nebraska, Ohio, Oklahoma, South Carolina, Tennessee and Utah joined in.

The lawsuit alleges that **Biden's executive order**, "Protecting Public Health and the Environment and Restoring Science to Tackle the Climate Crisis," **does not have the authority to issue binding numbers for the "social cost" of greenhouse gases to be used in federal regulations.**

NEWS & ANALYSIS

FEDERALISM FIGHTS BACK: 12 States Sue Biden Over Climate Executive Order

By Human Events Staff | March 08, 2021



A group of 12 states is suing the Biden administration over a climate executive order that they argue has the potential to economically impact the United States through the expansion of federal regulatory power.

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<https://humanevents.com/2021/03/08/federalism-fights-back-12-states-sue-biden-over-climate-executive-order/>


Texas governor vows to fight U.S. curbs on oil and gas activity – January 28, 2021

REUTERS World Business Markets Breakingviews Video More

ENERGY & ENVIRONMENT JANUARY 28, 2021 / 3:48 PM / UPDATED 12 DAYS AGO

Texas governor vows to fight U.S. curbs on oil and gas activity

By Brad Brooks 2 MIN READ



FILE PHOTO: Oct 20, 2020; Arlington, Texas, USA: Texas governor Greg Abbott looks on while in attendance for game one of the 2020 World Series between the Tampa Bay Rays and the Los Angeles Dodgers at Globe Life Field. Mandatory Credit: Kevin Jairaj-USA TODAY Sports

ODESSA, Texas (Reuters) - The top elected official of the largest U.S. oil and gas producing state on Thursday pledged to fight President Joe Biden's executive orders that he claimed would undercut Texas energy production.

“When it comes to threats to your jobs, you have a governor who has your back,” Gov. Greg Abbott told workers at an oilfield service firm where he signed his order. **“Texas will protect the oil and gas industry from any type of hostile attack from Washington,”** he said.

State agencies should identify opportunities to sue the federal government where they find federal overreach, said Abbott who as the state’s attorney general sued the federal government 31 times.

Cities in Texas also would be **prohibited from banning natural gas appliances** under state bill he plans to file, Abbott added.

<https://www.reuters.com/article/us-usa-biden-texas/texas-governor-vows-to-fight-u-s-curbs-on-oil-and-gas-activity-idUSKBN29X31A>

W.Va. Attorney General led 6 states in drafting a letter to President Joe Biden

12WBOY NEWS LOCAL WEATHER SPORTS COMMUNITY ONLY ON WBOY.COM CONTENTS

TOP STORIES

W.Va. Attorney General led 6 states in drafting a letter to President Joe Biden

f t w m e +



USA, West Virginia, Charleston, West Virginia State Capitol, exterior

by: WBOY 12 News Staff
Posted: Jan 27, 2021 / 03:03 PM EST / Updated: Jan 27, 2021 / 03:05 PM EST

CHARLESTON, W.Va. (WBOY) — West Virginia Attorney General Patrick Morrisey led a six-state coalition writing that state attorneys general will be vigilant in watching for and opposing federal overreach, especially when such action puts jobs and civil liberties at risk.

According to the Attorney General's office, the letter is encouraging the newly sworn President to be mindful of the U.S. Constitution's separation of powers and the authority of sovereign states relative to that of the federal government.

The letter explained that should the new administration govern in a manner inconsistent with those tenets, the attorneys general intend to fulfill their responsibility and duty to challenge the administration's actions in court.

“West Virginia Attorney General Patrick Morrisey led a six-state coalition writing that state attorneys general will be vigilant in watching for and opposing federal overreach, especially when such action puts jobs and civil liberties at risk.”

January 27, 2021

<https://www.wboy.com/top-stories/w-va-attorney-general-led-6-states-in-drafting-a-letter-to-president-joe-biden/>



State of West Virginia
Office of the Attorney General

Patrick Morrissey
Attorney General

(304) 558-2021
Fax (304) 558-0140

January 27, 2021

President Joseph R. Biden Jr.
The White House
1600 Pennsylvania Avenue NW
Washington, DC 20500

Dear President Biden,

One week ago, you assumed the Presidency of the United States of America and took the oath of office. You swore to preserve, protect, and defend the Constitution of the United States. Today, we write to you in our capacity as State Attorneys General regarding areas of vital importance to our States as you execute your job in the days and months ahead.

The Constitution vests the President with the “executive Power” and, among other things, charges the President to nominate officers and “take Care that the Laws be faithfully executed.” In our federal system, State Attorneys General represent our state governments and our citizens, and we are responsible for defending their interests and protecting their rights. State Attorneys General in particular serve as an important check and balance as the President carries out his constitutional charges.

We stand ready to meet with your administration to discuss more how the issues below affect our States; litigation is never a first option, and we would like to help your team in its important job on behalf of all Americans, consistent with the Constitution and the rule of law. Yet if you sign unconstitutional laws passed by Congress, it will be our responsibility and duty to challenge those laws in court. If cabinet officials, executive officers, and agencies go beyond the bounds of their statutory authority, fail to follow legally required procedures, or fall short of the

WV AG Patrick Morrissey + 5 Other AGs January 27, 2021

“When Presidents do not take care to ensure that executive agencies live up to their obligation of reasoned decisionmaking, **the task often falls to us as State Attorneys General to challenge their actions in court.** While we would rather you keep agencies from running amok in the first place, **we will not hesitate to step up to the plate when our States are harmed by agency malfeasance.**”

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Wall Street Journal
April 16, 2021

“Steven Koonin, chief scientist of the Obama Energy Department argues not against current climate science but that what the media and politicians and activists say about climate science has drifted so far out of touch with the actual science as to be absurdly, demonstrably false.”

The screenshot shows the WSJ Opinion page for the article "How a Physicist Became a Climate Truth Teller" by Holman W. Jenkins Jr. The article is dated April 16, 2021, at 2:20 pm ET. The main image shows a woman wearing a blue face mask and holding a sign that says "GREEN JOBS NOW". Another sign in the background says "BUILD BACK BOLD!". Below the image is a video player with a play button and the text "WSJ Opinion: Excavating the Biden Infrastructure Bill". The article text begins with "Barack Obama is one of many who have declared an 'epistemological crisis,' in which our society is losing its handle on something called truth." and continues with "Thus an interesting experiment will be his and other Democrats' response to a book by Steven Koonin, who was chief scientist of the Obama Energy Department. Mr. Koonin argues not against current climate science but that what the media and politicians and".

WSJ | OPINION

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OPINION | THE WEEKEND INTERVIEW

How a Physicist Became a Climate Truth Teller

After a stint at the Obama Energy Department, Steven Koonin reclaims the science of a warming planet from the propaganda peddlers.

WSJ Opinion: Excavating the Biden Infrastructure Bill

Journal Editorial Report: Believe it or not, \$400 billion to unionize health-care workers. Image: Ed Zurga/Getty Images for Green New Deal Network.

By [Holman W. Jenkins Jr.](#)
April 16, 2021 2:20 pm ET

PRINT TEXT

Listen to this article
2 minutes

Barack Obama is one of many who have declared an “epistemological crisis,” in which our society is losing its handle on something called truth.

Thus an interesting experiment will be his and other Democrats’ response to a book by Steven Koonin, who was chief scientist of the Obama Energy Department. Mr. Koonin argues not against current climate science but that what the media and politicians and

And we're just getting started.

See how

MOST POPULAR NEWS

1. Fatal Tesla Crash in Texas Believed to Be Driverless
2. Dogecoin, Once a Joke, Moves Mainstream
3. Elon Musk's Satellite Internet Project Is Too Risky, Rivals Say
4. Female Face Shaving Is More Common Than You Think
5. The Family Heirlooms That Our Children Don't Want

MOST POPULAR OPINION

1. Opinion: When to Invest in a Stupid Idea
2. Opinion: Biden's Defense Budget Squeeze

<https://www.wsj.com/articles/how-a-physicist-became-a-climate-truth-teller-11618597216>

Senate Democrats Push for Capital-Gains Tax at Death With \$1 Million Exemption March 29, 2021

Under current law, someone who dies with appreciated assets—including homes, businesses and stocks in taxable accounts—doesn't have to pay capital-gains taxes on that increase. Instead, the heirs have to pay capital-gains taxes only after they sell and only on gains after the original owner's death. That "stepped-up basis" is a longstanding feature of the tax code, but it has come under increasing attacks from Democrats who see wealthy people's profits escaping the income tax.



The screenshot shows a news article from The Wall Street Journal. The headline is "Senate Democrats Push for Capital-Gains Tax at Death With \$1 Million Exemption". Below the headline is a sub-headline: "Van Hollen, Sanders, Warren put details on a proposal Biden backed during campaign". There is a photograph of Sen. Chris Van Hollen (D, MD) speaking at a news conference. The article text begins with "WASHINGTON—Progressive Senate Democrats suggested that their new plan to tax unrealized capital gains at death should come with a \$1 million per-person exemption, writing that line 10 times higher than an earlier Obama administration proposal and shielding a larger swath of upper income households." On the right side of the page, there is a vertical list of Microsoft Office products with their prices: Microsoft Office 2016 Home Student... \$76.99, Microsoft Office 2019 Home Student... \$88.99, Microsoft Office 2016 Home and... \$134.99, Microsoft Office 2019 Home Student... \$63.99, Microsoft Office 2011 Home and... \$74.99, and Microsoft Office 2019.

50 Years of Dire Climate Predictions

"World will
end in 12
years!"



Rep. Alexandria Ocasio-Cortez, D-N.Y., speaks during the Women's Unity Rally at Foley Square on Jan. 19, 2019 in New York City. (Photo: Angela Weiss, AFP/Getty Images)

<https://www.thestreet.com/mishtalk/economics/lets-review-50-years-of-dire-climate-forecasts-and-what-actually-happened>

50 Years of Dire Climate Predictions



1. 1967 Salt Lake Tribune: **Dire Famine Forecast by 1975**, Already Too Late
2. 1969 NYT: *"Unless we are extremely lucky, **everyone will disappear in a cloud of blue steam in 20 years.** The situation will get worse unless we change our behavior."*
3. 1970 Boston Globe: Scientist Predicts **New Ice Age** by 21st Century said James P. Lodge, a scientist at the National Center for Atmospheric Research.
4. 1971 Washington Post: **Disastrous New Ice Age** Coming says S.I. Rasool at NASA.
5. 1972 Brown University Letter to President Nixon: **Warning on Global Cooling**

50 Years of Dire Climate Predictions



6. 1974 The Guardian: Space Satellites Show **Ice Age Coming Fast**
7. 1974 Time Magazine: **Another Ice Age** "Telling signs everywhere. Since the 1940s mean global temperatures have dropped 2.7 degrees F."
8. 1974 "**Ozone Depletion a Great Peril to Life**" University of Michigan Scientist
9. 1976 NYT **The Cooling**: University of Wisconsin climatologist Stephen Schneider laments about the "deaf ear his warnings received."
10. 1988 Agence France Press: **Maldives will be Completely Under Water in 30 Years.**

50 Years of Dire Climate Predictions



11.1989 Associated Press: UN Official Says **Rising Seas to 'Obliterate Nations' by 2000.**

12.1989 Salon: ***New York City's West Side Highway underwater by 2019*** said Jim Hansen the scientist who lectured Congress in 1988 about the greenhouse effect.

13.2000 The Independent: "***Snowfalls are a thing of the past. Our children will not know what snow is,***" says senior climate researcher.

14.2004 The Guardian: The Pentagon Tells Bush Climate Change Will Destroy Us. "**Britain will be Siberian in less than 20 years,**" the Pentagon told Bush.

15.2008 Associate Press: NASA Scientist says "**We're Toast. In 5-10 years the Arctic will be Ice Free**"

50 Years of Dire Climate Predictions



16.2008 Al Gore: Al Gore warns of **ice-free Arctic by 2013.**

17.2009 The Independent: Prince Charles says **Just 96 Months to Save the World.** *"The price of capitalism is too high."*

18.2009 The Independent: Gordon Brown says **"We have fewer than 50 days to save our planet from catastrophe."**

19. 2013 The Guardian: **The Arctic will be Ice Free in Two Years.** "The release of a 50 gigaton of methane pulse" will destabilize the planet.

20.2013 The Guardian: US Navy **Predicts Ice Free Arctic by 2016.** "The US Navy's department of Oceanography uses complex modeling to makes its forecast more accurate than others.

50 Years of Dire Climate Predictions



21.2014 John Kerry: "***We have 500 days to Avoid Climate Chaos***" discussed Sec of State John Kerry and French Foreign Minister Laurent Fabious at a joint meeting.

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POLITICS

With 28 Executive Orders Signed, President Biden Is Off To A Record Start

February 3, 2021 | 5:00 AM ET
Heard on Morning Edition

TAMARA KEITH

3-Minute Listen | PLAYLIST



President Biden puts the cap on a pen after signing an executive order. Biden is close to a record set by Franklin Roosevelt in 1933.
Alex Brandon/AP

In his first two weeks in office, President Biden has signed nearly as many executive orders as Franklin Roosevelt signed in his entire first month. And President Roosevelt holds the record.

Adding his signature to three executive orders on immigration Tuesday, Biden has now signed 28 executive orders since taking office. FDR signed 30 in his first month.

<https://www.npr.org/2021/02/03/963380189/with-28-executive-orders-signed-president-biden-is-off-to-a-record-start>

With 28 Executive Orders Signed, President Biden Is Off To A Record Start

“By sheer volume, Biden is going to be the most active president on this front since the 1930s.”

“Biden is using many more levers of executive authority, also signing presidential memoranda, proclamations and letters.”

February 3, 2021

The "New Energy Economy": An Exercise in Magical Thinking

March 26, 2019

“The annual output of Tesla’s Gigafactory, the world’s largest battery factory, could store three minutes’ worth of annual U.S. electricity demand. **It would require 1,000 years of production to make enough batteries for two days’ worth of U.S. electricity demand.**”

REPORT

The "New Energy Economy": An Exercise in Magical Thinking

Mark P. Mills
March 26, 2019
Energy & Environment: Technology / Infrastructure

DONATE

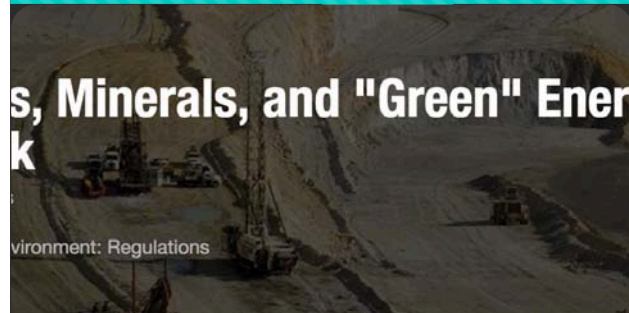
EXECUTIVE SUMMARY

A movement has been growing for decades to replace hydrocarbons, which collectively supply 84% of the world's energy. It began with the fear that we were running out of oil. That fear has since migrated to the belief that, because of climate change and other environmental concerns, society can no longer tolerate burning oil, natural gas, and coal—all of which have turned out to be abundant.

So far, wind, solar, and batteries—the favored alternatives to hydrocarbons—provide about 2% of the world's energy and 3% of America's. Nonetheless, a bold new claim has gained popularity: that we're on the cusp of a tech-driven energy revolution that

<https://www.manhattan-institute.org/green-energy-revolution-near-impossible>

The broad environmental and supply-chain implications of renewable energy July 9, 2020



Mines, Minerals, and "Green" Energy

Environment: Regulations

EXECUTIVE SUMMARY

Decision makers have shifted focus from pandemic challenges to economic recovery plans are once more being actively discussed, including green energy advocates are doubling down on pressure to curtail the use of wind, solar power, and electric cars. Left out of the equation is consideration of the broad environmental and supply-chain implications of green energy.

As noted in a previous paper, "The New Energy Economy: An Examination of the Environmental and Supply-Chain Implications of Renewable Energy" [1] many enthusiasts believe things that are not possible with

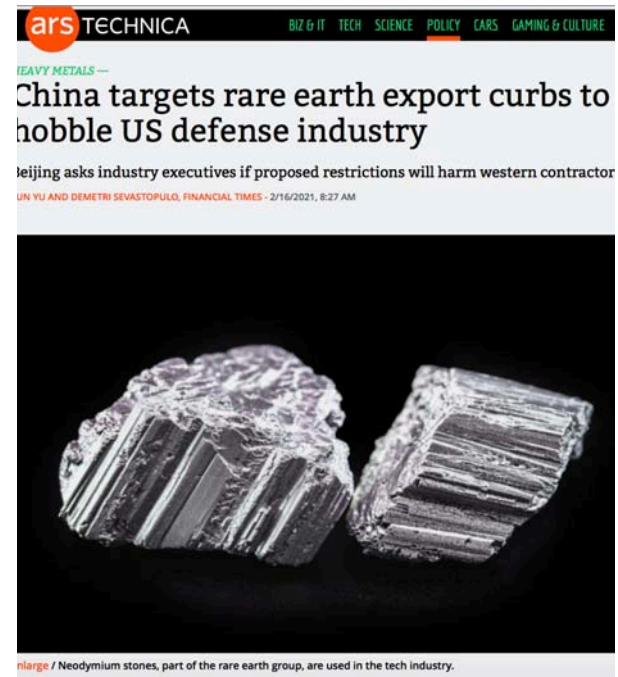
"A single battery providing a useful driving range weighs about 1,000 pounds. Providing the refined **minerals needed to fabricate a single EV battery requires the mining, moving, and processing of more than 500,000 pounds of materials** somewhere on the planet (see sidebar below). That's 20 times more than the 25,000 pounds of petroleum that an internal combustion engine uses over the life of a car."

<https://www.manhattan-institute.org/mines-minerals-and-green-energy-reality-check>

February 16, 2021

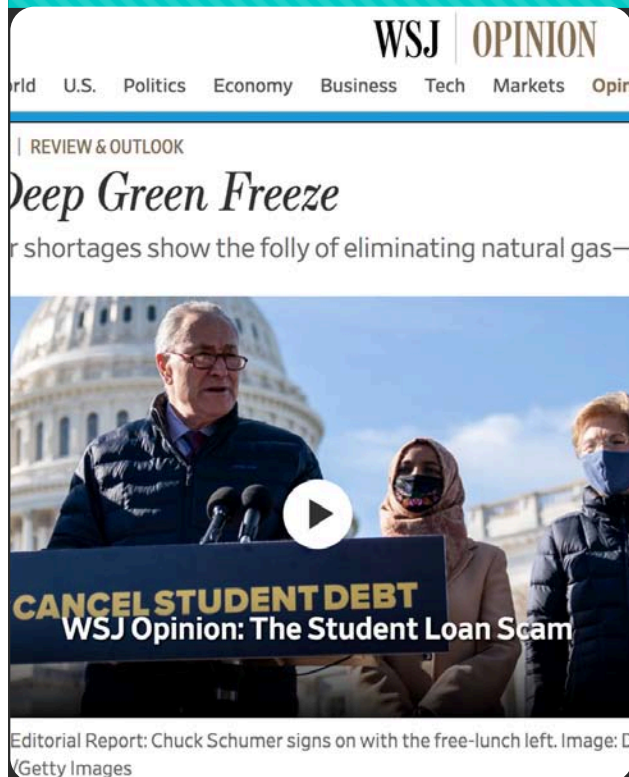
“China is exploring limiting the export of rare earth minerals that are **crucial for the manufacture of American F-35 fighter jets and other sophisticated weaponry**, according to people involved in a government consultation.”

“Rare earth minerals are **also central to the manufacture of products including smartphones, electric vehicles and wind turbines.**”



<https://arstechnica.com/tech-policy/2021/02/china-targets-rare-earth-export-curbs-to-hobble-us-defense-industry/?comments=1>

A Deep Green Freeze: Power shortages show the folly of eliminating natural gas—and coal. February 15, 2021



“Herein is the paradox of the left’s climate agenda: The less we use fossil fuels, the more we need them.”

“...the power grid is becoming less reliable due to growing reliance on wind and solar, which can’t provide power 24 hours a day, seven days a week.”

“My understanding is, the wind turbines are all frozen,” Public Utility Commission Chairman DeAnn Walker said Friday. ‘We are working already to try and ensure we have enough power but it’s taken a lot of coordination.’”

https://www.wsj.com/articles/a-deep-green-freeze-11613411002?mod=MorningEditorialReport&mod=djemMER_h

OPINION | REVIEW & OUTLOOK

The Political Making of a Texas Power Outage

How bad energy policy led to rolling blackouts in the freezing Lone Star State.



<https://www.wsj.com/articles/the-political-making-of-a-texas-power-outage-11613518653>

February 16, 2021

"...state and federal energy policies have created market distortions and reduced grid reliability."

"The problem is Texas's overreliance on wind power that has left the grid more vulnerable to bad weather."

Half of wind turbines froze last week, causing wind's share of electricity to plunge to 8% from 42%.

"In short, there wasn't sufficient baseload power from coal and nuclear to support the grid. Baseload power is needed to stabilize grid frequency amid changes in demand and supply."

Refinanc

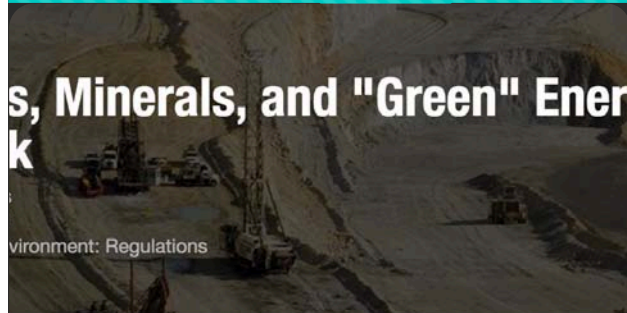
1.98

Calculate he

Loan amount
\$400,000

Loan term
5 Year F

The broad environmental and supply-chain implications of renewable energy July 9, 2020



THE SUMMARY

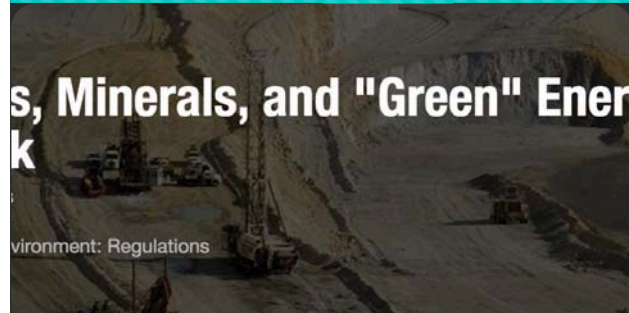
makers have shifted focus from pandemic challenges to economic recovery plans are once more being actively discussed, including green energy advocates are doubling down on pressure to increase the use of wind, solar power, and electric cars. Left out of this consideration is the broad environmental and supply-chain implications of green energy.

mentioned in a previous paper, "The New Energy Economy: An Examination of the [1] many enthusiasts believe things that are not possible with

“When the 20 wind turbines that constitute just one small 100-MW wind farm wear out, **decommissioning and trashing them will lead to fourfold more nonrecyclable plastic trash than all the world’s (recyclable) plastic straws combined.** There are 1,000 times more wind turbines than that in the world today.”

<https://www.manhattan-institute.org/mines-minerals-and-green-energy-reality-check>

The broad environmental and supply-chain implications of renewable energy July 9, 2020



EXECUTIVE SUMMARY

As the energy industry has shifted focus from pandemic challenges to economic recovery, energy security plans are once more being actively discussed, including the use of wind, solar power, and electric cars. Left out of the conversation are the broad environmental and supply-chain implications of the new energy.

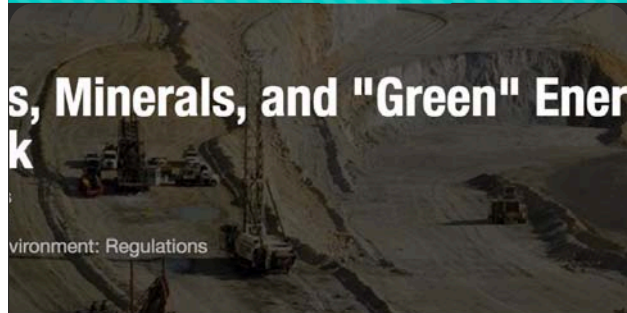
As noted in a previous paper, "The New Energy Economy: An Executive Reality Check" [1] many enthusiasts believe things that are not possible with

"A lithium EV battery weighs about 1,000 pounds. While there are dozens of variations, such a battery typically contains about 25 pounds of lithium, 30 pounds of cobalt, 60 pounds of nickel, 110 pounds of graphite, 90 pounds of copper, about 400 pounds of steel, aluminum, and various plastic components.

"Looking upstream at the ore grades... acquiring just these five elements to produce the 1,000-pound EV battery requires mining about 90,000 pounds of ore. Depending on ore type and location, overburden ranges from about 3 to 20 tons of earth removed to access each ton of ore."

<https://www.manhattan-institute.org/mines-minerals-and-green-energy-reality-check>

The broad environmental and supply-chain implications of renewable energy July 9, 2020



THE SUMMARY

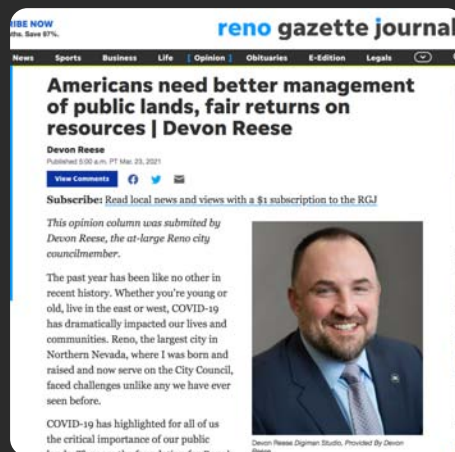
makers have shifted focus from pandemic challenges to economic recovery plans are once more being actively discussed, including green energy advocates are doubling down on pressure to increase the use of wind, solar power, and electric cars. Left out of this consideration is the broad environmental and supply-chain implications of green energy.

mentioned in a previous paper, "The New Energy Economy: An Examination of the Implications of Renewable Energy" [1] many enthusiasts believe things that are not possible with

“Replacing hydrocarbons with green machines under current plans—never mind aspirations for far greater expansion—will vastly increase the mining of various critical minerals around the world. For example, a single electric car battery weighing 1,000 pounds requires extracting and processing some 500,000 pounds of materials. Averaged over a battery’s life, each mile of driving an electric car “consumes” five pounds of earth. Using an internal combustion engine consumes about 0.2 pounds of liquids per mile.”

<https://www.manhattan-institute.org/mines-minerals-and-green-energy-reality-check>

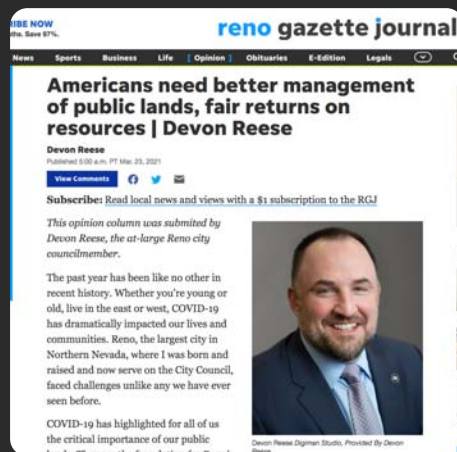
Americans need better management of public lands, fair returns on resource – March 23, 2021



“The current noncompetitive bidding system has led to rampant oil and gas company speculation while **outdated royalty rates and lease fees have meant the American taxpayer has been deprived of a fair return on these lands for far too long.** In fact, a report issued in 2020 documented that from 2010 to 2019, the federal government lost up to \$12.4 billion in revenue from oil and gas drilling on federal lands because of the **terribly outdated royalty rate originally established in 1920.**”

<https://www.rgj.com/story/opinion/voices/2021/03/23/nevadans-need-better-management-fair-returns-public-lands-reese/6958375002/>

Americans need better management of public lands, fair returns on resource – March 23, 2021



“Senator Catherine Cortez Masto has introduced the End Speculative Oil and Gas Leasing Act, which will **reduce the ability of oil and gas development companies to stockpile public lands that have little to no potential for drilling through a process with little transparency**; focus development efforts on areas that have higher development potential; incentivize more appropriate land-use management; and conserve vulnerable habitats. Unfortunately, the noncompetitive leasing program is particularly active in Nevada where, since 2009, the Bureau of Land Management has sold more than two million acres of low mineral potential. With most of these noncompetitive leases sitting idle, the bottom line is that it’s time to end this opaque program that **wastes resources and shortchanges the American taxpayer**.

<https://www.rgj.com/story/opinion/voices/2021/03/23/nevadans-need-better-management-fair-returns-public-lands-reese/6958375002/>

“Environmentalism Is the New War on the Working Class” Newsweek, February 9, 2021

Environmentalism Is the New War on the Working Class | Opinion

JOEL KOTKIN, PRESIDENTIAL FELLOW IN URBAN FUTURES AT CHAPMAN UNIVERSITY
ON 2/9/21 AT 8:00 AM EST



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OPINION GREEN NEW DEAL JOE BIDEN ENVIRONMENTALISM CLIMATE CHANGE

"There should be a real liberal party in this country, and I don't mean a crackpot professional one." – Harry Truman.

John Kerry, President Joe Biden's new climate czar, took a private jet to accept an

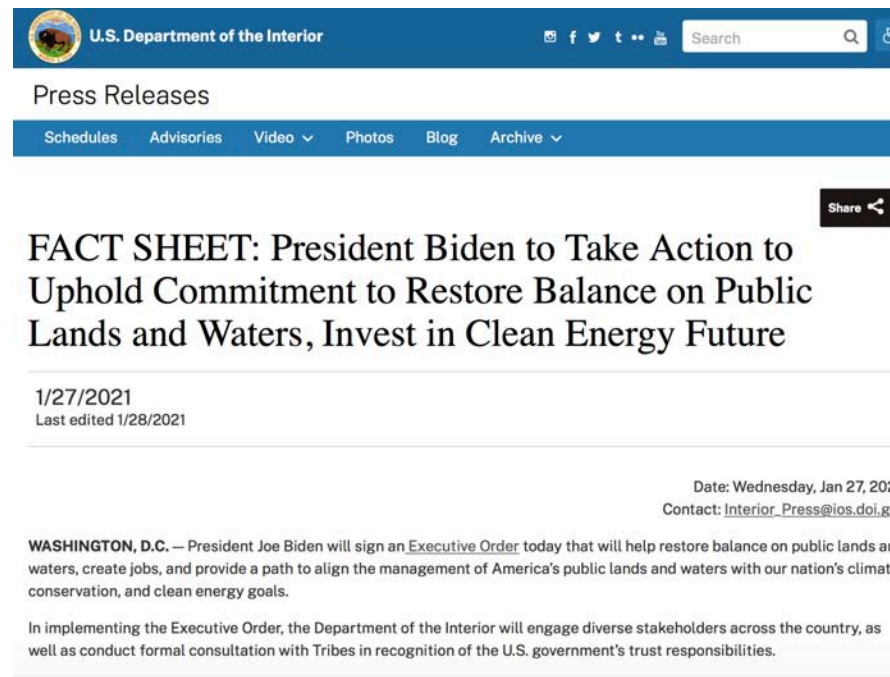
“John Kerry, President Joe Biden's new climate czar, took a private jet to accept an environmental award in Iceland in 2019. "It's the only choice for somebody like me, who is traveling the world to win this battle," he unironically told a reporter when asked about it.

“If this sounds like a clueless joke, it's not. President **Biden's chief environmental officer took the least carbon-efficient means of travel known to man** because it was "the only choice" he could think of for a member in good standing of the indulged upper classes.”

<https://www.newsweek.com/environmentalism-new-war-working-class-opinion-1567157>

January 27, 2021

“The Executive Action will direct the Interior Department to outline steps to achieve the President’s commitment to conserve at least 30% each of our lands and waters by the year 2030.”



The screenshot shows the top portion of a web page from the U.S. Department of the Interior. At the top left is the department's logo and name. To the right are social media icons and a search bar. Below this is a navigation menu with links for Schedules, Advisories, Video, Photos, Blog, and Archive. The main heading of the page reads "FACT SHEET: President Biden to Take Action to Uphold Commitment to Restore Balance on Public Lands and Waters, Invest in Clean Energy Future". Below the heading is the date "1/27/2021" and "Last edited 1/28/2021". On the right side, there is a "Share" button. Further down, the text includes the date "Date: Wednesday, Jan 27, 2021" and contact information "Contact: Interior_Press@ios.doi.gov". The main body of text begins with "WASHINGTON, D.C. — President Joe Biden will sign an Executive Order today that will help restore balance on public lands and waters, create jobs, and provide a path to align the management of America's public lands and waters with our nation's climate conservation, and clean energy goals." It continues with "In implementing the Executive Order, the Department of the Interior will engage diverse stakeholders across the country, as well as conduct formal consultation with Tribes in recognition of the U.S. government's trust responsibilities."

<https://www.doi.gov/pressreleases/fact-sheet-president-biden-take-action-uphold-commitment-restore-balance-public-lands>

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“But we don't have to project **what these policies will mean to working-class Americans**. That reality is amply demonstrated in California, a state whose policies are widely embraced by Biden and his administration (“Make California Great Again? That's Biden's plan,” read an ecstatic account in *the Los Angeles Times*). California's Democratic leaders like to tout the state's **social justice capitalism**. But its **state policies have been disastrous for California's middle and working classes**. **State energy policies have made California gas and electricity prices among the highest in the nation**, increasing electricity prices since 2011 five times as fast as the national average. In 2017 alone, those prices increased at *three times* the national rate. These prices have been devastating to poorer Californians—particularly in the hot interior, where **“energy poverty” has grown rapidly.**”

<https://www.newsweek.com/environmentalism-new-war-working-class-opinion-1567157>

China Raises Threat Level Over Rare Earths

January 29, 2021

Radio Free Asia

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China Raises Threat Level Over Rare Earths

Shipments of strategic minerals plunge under new export controls.

An analysis by Michael Lelyveld | 2021-01-29 | Tweet | Share 104 | Email | Comment | Share | Print



Samples of rare earth minerals from left: Cerium oxide, Bastnaesite, Neodymium oxide and Lanthanum carbonate at Molycorp's Mountain Pass Rare Earth facility in Mountain Pass, California in a file photo.

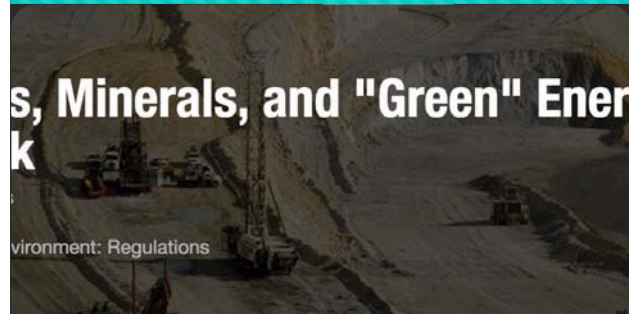
Reuters

The United States is "completely dependent on imports" for 14 out of 35 critical minerals, the agency said in a press release.

"The U.S. currently imports 80 percent of its REEs directly from China, with remaining portions indirectly sourced from China through other countries," it said.

https://www.rfa.org/english/commentaries/energy_watch/rareearth-01292021101912.html

The broad environmental and supply-chain implications of renewable energy July 9, 2020



THE SUMMARY

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mentioned in a previous paper, "The New Energy Economy: An Examination of the Implications of Renewable Energy" [1] many enthusiasts believe things that are not possible with

"...all energy-producing machinery must be fabricated from materials extracted from the earth. No energy system, in short, is actually "renewable," since all machines require the continual mining and processing of millions of tons of primary materials and the disposal of hardware that inevitably wears out. **Compared with hydrocarbons, green machines entail, on average, a 10-fold increase in the quantities of materials extracted and processed to produce the same amount of energy.**"

<https://www.manhattan-institute.org/mines-minerals-and-green-energy-reality-check>

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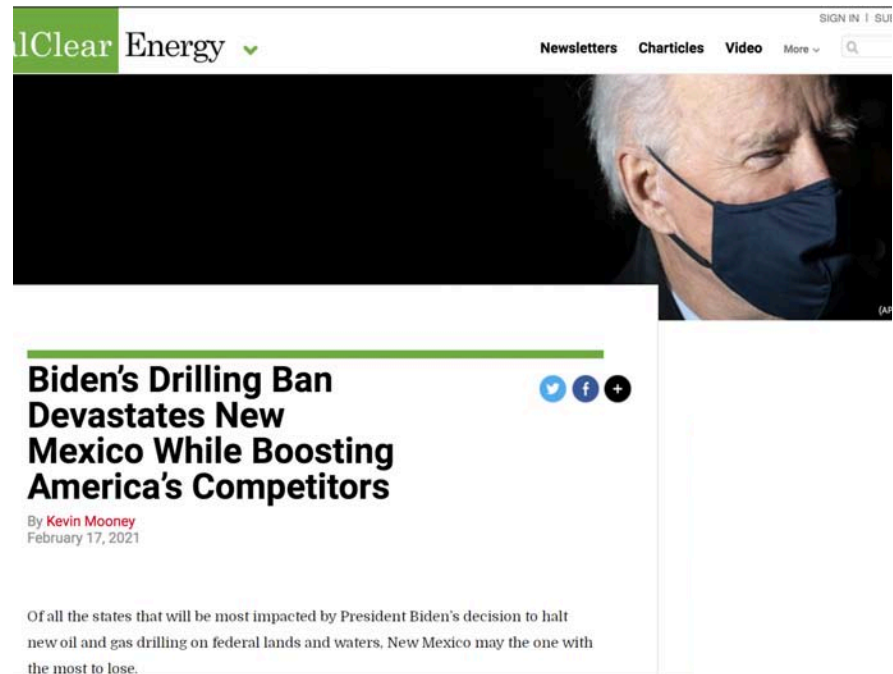
“And it is these people, in rural areas and small manufacturing towns, who will have to pay for the “enlightened” climate policies that have led to higher energy prices virtually everywhere they have been implemented, from Germany to Australia. A recent study in *Ecological Economics*, for example, concluded that green energy policy hit rural communities in Germany much harder than cities, even though they are “on par” with big cities in terms of greenhouse gas (GHG) production.”

<https://www.newsweek.com/environmentalism-new-war-working-class-opinion-1567157>

February 17, 2021

““Biden’s **American oil embargo** only helps China and people who hate us,” he said. **“New Mexico jobs are being wiped out so Chinese workers can burn coal to manufacture and export solar panels to the U.S.** It makes no sense.””

“The analysis also anticipates that New Mexico would lose 62,000 jobs by 2022 and put \$1.1 billion in New Mexico’s revenue at risk blowing a hole in its state budget.”



https://www.realclearenergy.org/articles/2021/02/17/bidens_drilling_ban_devastates_new_mexico_while_boosting_americas_competitors_660694.html

Bright Green Impossibilities – January 27, 2021

CLIMATE NEWS ENERGY

Bright Green Impossibilities

1 month ago Willis Eschenbach

Guest Post by Willis Eschenbach

After reading some information at [Friends of Science](#), I got to thinking about how impossible it will be for us to do what so many people are demanding that we do. This is to go to zero CO₂ emissions by 2050 by getting off of fossil fuels.

So let's take a look at the size of the problem. People generally have little idea just how much energy we get from fossil fuels. Figure 1 shows the global annual total and fossil energy consumption from 1880 to 2019, and extensions of both trends to the year 2050. I note that my rough estimate of 2050 total annual energy consumption (241 petawatt-hrs/year) is quite close to the World Energy Council's business-as-usual 2050 estimate of 244 PWhr/yr.

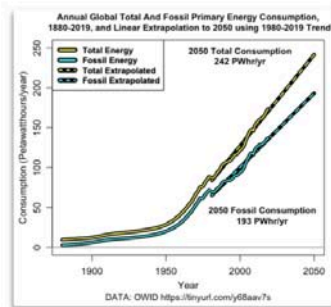


Figure 1. Primary energy consumption, 1880-2019 and extrapolation to 2050. A "petawatt-hour" is 10^{15} watt-hours

So if we are going to zero emissions by 2050, we will need to replace about 193 petawatt-hours (10^{15} watt-hours) of fossil fuel energy per year. Since there are 8,766 hours in a year, we need to build and install about 193 PWhrs/year divided by 8766 hrs/year = 22 terawatts (TW, or 10^{12} watts) of energy generating capacity. (In passing, for all of these unit conversions let me recommend the marvelous website called "Unit Converter".)

"To summarize: to get the world to zero emissions by 2050, our options are to build, commission, and bring on-line either:

- Two 2.1 gigawatt (GW, 109 watts) nuclear power plant each and every day until 2050, OR
- 6000 two-megawatt (MW, 106 watts) wind turbines each and every day until 2050 plus a 3 GW nuclear power plant each and every day until 2050, assuming there's not one turbine failure for any reason, OR
- 200 square miles (500 square kilometres) of solar panels each and every day until 2050 plus a 3 GW nuclear power plant each and every day until 2050, assuming not one of the panels fails or is destroyed by hail or wind."

<https://wattsupwiththat.com/2021/01/27/bright-green-impossibilities/>

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“Regions from the Appalachians to the Rockies could experience **massive job losses**, particularly if Biden embraces the green **demand to ban all fracking, even on private land. In Texas alone**, as many as **a million good-paying jobs would be lost**. Overall, according to a Chamber of Commerce report, **a full national fracking ban would cost 14 million jobs**, far more than the eight million lost in the Great Recession. That could turn even vital smaller towns into instant slums. And in places like New Mexico, where spending on public programs hinges on the oil industry—now experiencing a 60-day moratorium on new permits, thanks to President Biden—**even issues like education will be impacted.**”

<https://www.newsweek.com/environmentalism-new-war-working-class-opinion-1567157>

“Does Biden’s 30X30 plan trade science for popularity?” E&E News, June 2, 2021

E&E NEWS

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PUBLIC LANDS

Does Biden's '30x30' plan trade science for popularity?

Jennifer Yachnin, E&E News reporter • Published: Wednesday, June 2, 2021



The Pacific Crest National Scenic Trail in California. Bob Wick/Bureau of Land Management/Flickr

Some proponents of a concerted push to protect large swaths of natural spaces across the

"It's a very big deal that we have a president that recognizes and is willing to take action to preserve nature and address the catastrophic extinction crisis. I don't want to gloss over that. That is huge," said Randi Spivak, director of the Center for Biological Diversity's Public Lands Program.

But she continued: "This America the Beautiful report is a pivot. It's not '30x30,' and I am concerned."

<https://www.eenews.net/stories/1063734011>

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The Pacific Crest National Scenic Trail in California. Bob Wick/Bureau of Land Management/Flickr

Some proponents of a concerted push to protect large swaths of natural spaces across the

Critics of the outline released by the Biden administration point to the inclusion of urban and suburban parks and working lands like cattle ranches as counterintuitive to the goals of 30x30, which aimed to mitigate the impacts of climate change while also safeguarding biodiversity.

"It's not what the scientists have called for," Spivak said. "Is it better to have ranches instead of strip malls and condos? Yes. But that is different than qualifying for a scientifically based 30x30."

<https://www.eenews.net/stories/1063734011>

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"Protected areas are the cornerstone of biodiversity conservation, and studies document that well-managed reserves are far more effective in safeguarding biodiversity than are other forms of land use," researchers wrote in the paper, published in *Science Advances*. They suggested that 30% of land and waters across the globe be "formally protected," along with another 20% designated as "climate stabilization areas."

That push is a way station en route to protecting 50% of the planet, an idea first promoted by biologist E.O. Wilson in his 2016 book "Half Earth: Our Planet's Fight for Life."

<https://www.eenews.net/stories/1063734011>

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Some proponents of a concerted push to protect large swaths of natural spaces across the

The Campaign for Nature — a partnership of the Wyss Campaign for Nature and the National Geographic Society, along with a coalition of other conservation organizations — heads a global 30x30 campaign.

Philanthropist Hansjörg Wyss **announced** in a *New York Times* op-ed in late 2018 that he would donate \$1 billion over 10 years in an attempt to achieve the 30x30 goals.

<https://www.eenews.net/stories/1063734011>



How to make the climate emergency clear from Biden's bully pulpit

BY KATHARINE HAYHOE AND DAVID FENTON, OPINION CONTRIBUTORS — 05/11/21 05:30 PM EDT  962 COMMENTS
THE VIEWS EXPRESSED BY CONTRIBUTORS ARE THEIR OWN AND NOT THE VIEW OF THE HILL

“Today, as Bill Gates argues, to solve climate change we need the equivalent of a mobilization for war.”

<https://thehill.com/opinion/energy-environment/552925-how-to-make-the-climate-emergency-clear-from-bidens-bully-pulpit>

“If We Don’t Protect 30% of the Natural World by 2030, Earth May Be Unfit for Life” EchoWatch, May 24, 2021

The screenshot shows the EcoWatch website interface. At the top left is the EcoWatch logo with a menu icon. To its right are links for 'ABOUT' and 'CONTACT US'. A search bar and social media icons are also present. The main content area features a large article titled 'If We Don't Protect 30% of the Natural World by 2030, Earth May Be Unfit for Life' under the 'CONSERVATION' category. The article is attributed to 'Independent Media Institute' and dated 'May 24, 2021 10:43AM EST'. Below the title is a photograph of a beach covered in plastic trash. A caption below the photo reads: 'Paradise lost: An estimated 15 to 20 tons of plastic trash wash ashore every single year on a 0.6-mile uninhabited stretch of Kamilio Beach on the island of Hawaii. M. Lamson / Hawaii Wildlife Fund / National Institute of Standards and Technology'. The author is listed as 'By Reynard Loki'. The article's first sentence is: 'The natural world is in a state of crisis, and we are to blame. We are in the midst of the Sixth Extinction, the biggest loss of species in the history of humankind.'

CONSERVATION

If We Don't Protect 30% of the Natural World by 2030, Earth May Be Unfit for Life

By Independent Media Institute | May 24, 2021 10:43AM EST **INSIGHTS + OPINION**

Paradise lost: An estimated 15 to 20 tons of plastic trash wash ashore every single year on a 0.6-mile uninhabited stretch of Kamilio Beach on the island of Hawaii. M. Lamson / Hawaii Wildlife Fund / National Institute of Standards and Technology

By Reynard Loki

The natural world is in a state of crisis, and we are to blame. We are in the midst of the Sixth Extinction, the biggest loss of species in the history of humankind.

Thankfully, there is international traction to make the 30x30 vision a reality. When the 15th Conference of the Parties to the CBD convenes in October in Kunming, China, chances are good that delegates will secure a firm multilateral commitment: The current "zero draft" of the global framework meant to steer conservation efforts through 2030 includes the 30x30 vision as an explicit aim.

<https://www.eenews.net/stories/1063734011>

“G7 Summit ‘Light And Fluffy’ Climate Plan Falls Short, Disappointing Experts”

Forbes, June 15, 2021

Forbes

Jun 15, 2021, 05:48am EDT | 197 views

G7 Summit ‘Light And Fluffy’ Climate Plan Falls Short, Disappointing Experts



David Vetter Senior Contributor @ Sustainability
Climate research, renewables and circularity

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06:42



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“The leaders of Canada, France, Germany, Italy, Japan, the U.K. and the U.S. did agree to protect 30% of land and oceans by 2030.”

<https://www.forbes.com/sites/davidrvetter/2021/06/15/g7-summit-light-and-fluffy-climate-plan-falls-short-disappointing-experts/?sh=680d2ae96b32>