

**Subject:** SUN DAY Campaign: Upcoming Washington DC-Area Energy & Climate Change Events – April 5, 2021\*

**Date:** Monday, April 5, 2021 at 1:47:03 PM Eastern Daylight Time

**From:** Ken Bossong

**To:** Ken Bossong

prepared by the

## **SUN DAY CAMPAIGN**

(with support from the former Sustainable Energy Coalition)

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### **UPCOMING (Mostly) FREE AND LOW-COST, IN-PERSON WASHINGTON DC-AREA ENERGY & CLIMATE CHANGE EVENTS\***

\* please see criteria for included events at the end of this calendar

**Monday, April 5 - Sunday, April 18**

editor: Ken Bossong

**NOTE:** In light of current public health concerns related to the COVID-19 virus, virtually all in-person events have been cancelled or postponed. Therefore, while it had been the general policy for this calendar to only list in-person events, for the immediate future the calendar will list events that are being presented on-line ... assuming they originate from a DC-area organization (in most instances) and are events that most probably would otherwise have been available to attend in-person.

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- A.) April 5: Green by Design - Utilizing Urban Surfaces for Climate Action
- B.) April 6: Redlining & the Climate Crisis
- C.) April 6: Climate, Competition & Collaboration in the Arctic Sea Lanes
- D.) April 6: The Capital Area Solar Co-op
- E.) April 6: Wages, Benefits & Change - A Supplemental Report to the 2020 U.S. Energy & Employment Report
- F.) April 6: WRISE Climate Conversation - Public Voices Fellowship on the Climate Crisis
- G.) April 7: Fighting Climate Change - The Sixth Annual Public Policy Conference
- H.) April 7: A Conversation with Former U.S. Secretary of the Interior Sally Jewell
- I.) April 7: National Security Implications of Climate Change in Florida
- J.) April 7: Leading from the Front - Washington State as the Next U.S. Climate Champion
- K.) April 7: The Path to Zero Net GHG Emissions by 2050
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- M.) April 7: The Future of Buildings, Transportation & Power
- N.) April 8: Raising Ambitions - The Role of Nuclear Energy in Meeting Climate Goals

- O.) April 8: Putting Racial Justice at the Heart of Climate Action - A U.S. & U.K. Perspective
- P.) April 8: Food Scrap Recycling - Opportunities & Realities of Anaerobic Digestion
- Q.) April 8: Climate Leaders Live - Focus on Transportation Electrification
- R.) April 8: Calling All Resources for Utility Procurements
- S.) April 8: A Conversation with Ramón Cruz, President of the Sierra Club
- T.) April 8: Paying for Infrastructure
- U.) April 8: Decarbonization & NET Zero Emissions - The View from Nation-State Analysts
- V.) April 9: Advancing New Nuclear Technologies with the Versatile Test Reactor
- W.) April 9: The Future of Nuclear
- X.) April 9: 2021 Planet Forward Summit
- Y.) April 9: The Future of Mobility - What's Next for American Cities?
- Z.) April 13: The Nexus of Climate Change, Fragility & Peacebuilding
- i.) April 13: Following Bakken CO<sub>2</sub>, Pore Structure Alteration of Organic-Rich Shale with Sc-CO<sub>2</sub> Exposure
- ii.) April 14: NREL Solar TRACE & SolarAPP+ Roundtable
- iii.) April 14: A Utility-Regulator Discussion on the Future of the Industry
- iv.) April 14: Unlocking the Energy Transition with the Keys to CCUS Commercialization
- v.) April 14: Accelerating Solar Access

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*Other listings of DC-area energy and climate change events:*

<https://www.eventbrite.com> (suggestion: search on "energy" or "climate change")

<http://www.ourenergypolicy.org/event-calendar> (lists events nation-wide)

<https://www.climatelinks.org/events> (lists events world-wide)

<https://www.hillhappenings.com/calendar>

<https://nuclearcalendar.fcml.org>

<https://dc.linktank.com>

<http://sustainablemaryland.com>

<https://advancedbiofuelsusa.info> (follow link to "news" and then "conference calendars")

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**A.) Green by Design - Utilizing Urban Surfaces for Climate Action (April 5):**

Monday, April 5

4:00 PM - 5:00 PM

On-Line Event

City developers and planners are trading in traditionally dark, impervious surfaces for climate-friendly design in the form of solar panels, green roofs, and the use of porous materials. This greener approach to urban design is critical to delivering on ambitious climate goals, and consequently, to alleviating environmental inequities that have long impacted residents. Without accounting for climate impacts in surface choices, increased pollution, flood risk, and dangerous heat has long afflicted local residents, particularly those in marginalized communities. Green design is crucial to enabling these communities to live healthier and more equitable lives.

In reimagining urban design and employing smart, climate-friendly surfaces, cities have a profound opportunity to deliver on both environmental and equity goals. However, in order for these benefits to be fully realized, deployment of green design has to move beyond project-level to community-level.

This requires integrated support from governments and private entities, and the necessary incentives from the federal government.

Join the Atlantic Council Global Energy Center to discuss community-scale implementation of green urban design and the climate, environmental justice, and economic benefits such infrastructure can provide.

A conversation with:

**\*\*Greg Kats, Founder and CEO, Smart Surfaces Coalition, President, Capital E**

**\*\*Jennifer Roberts, Director, Path to Positive Communities Program, ecoAmerica, Former Mayor of Charlotte**

**\*\*Surili Patel, Director, Center for Climate, Health and Equity, American Public Health Association**

Moderated by:

**\*\*George T. Frampton, Senior fellow, Global Energy Center, Atlantic Council**

To register: <https://www.atlanticcouncil.org/event/green-by-design-utilizing-urban-surfaces-for-climate-action/#event-registration>

<https://www.atlanticcouncil.org/event/green-by-design-utilizing-urban-surfaces-for-climate-action>

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### **B.) Redlining & the Climate Crisis (April 6):**

Tuesday, April 6

12:00 PM – 1:00 PM

On-Line Event

Understanding structural racism and the climate crisis is key to shaping urban governance and the future of America's cities. The co-authors of a recent study on the correlation of redlined areas and the location of urban heat islands will discuss their participatory research on the spatial distribution of climate impacts, involving communities in measuring heat in cities. Their interdisciplinary approach offers a compelling perspective on how scientists and residents seek to address disproportionate vulnerability emerging from climate change.

Featured Speakers:

**\*\*Dr. Jeremy Hoffman, Science Museum of Virginia**

**\*\*Dr. Vivek Shandas, Portland State University**

Moderated by:

**\*\*Charles Lee, Senior Policy Advisor for Environmental Justice, EPA**

<https://www.eventbrite.com/e/redlining-and-the-climate-crisis-tickets-142800954499>

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### **C.) Climate, Competition & Collaboration in the Arctic Sea Lanes (April 6):**

Tuesday, April 6

12:00 PM - 1:00 PM

## Virtual Event

With sea lanes opening in the Arctic, a new race for resources has created opportunities for both cooperation and competition among Arctic nations and great powers alike. With Russia assuming the rotating chair of the Arctic Council this year, how will this impact Arctic diplomacy? What role will climate change play in these negotiations? How will U.S. competition with Russia impact agreements over Arctic waterways and resources?

To answer these questions and yours, the Foreign Policy Research Institute has assembled a panel of experts on Arctic Policy. Joining host Saleem Ali for the next installment of the First State Series will be former NASA Scientist Anthony Strawa, Russian Energy Policy Expert Roman Sidorstov, and the U.S. Naval War College's Rebecca Pincus.

### Speakers:

**\*\*Rebecca Pincus** is an Assistant Professor in the Strategic and Operational Research Department (SORD) in the Center for Naval Warfare Studies at the US Naval War College. **\*\*Anthony W. Strawa**, Ph.D., is a staff scientist with [securethefuture2100.org](http://securethefuture2100.org).

**\*\*Dr. Roman Sidorstov** currently serves as an Assistant Professor of Energy Policy at Michigan Technological University

**\*\*Dr. Saleem H. Ali** is an environmental security scholar whose research and practice focuses on ways of resolving ecological conflicts through technical and social mechanisms.

To register: [https://us02web.zoom.us/webinar/register/WN\\_1rcYc2wsTl6b6lVWsXu3Uw](https://us02web.zoom.us/webinar/register/WN_1rcYc2wsTl6b6lVWsXu3Uw)

<https://www.fpri.org/event/2021/braving-the-cold>

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## **D.) The Capital Area Solar Co-op (April 6):**

Tuesday, April 6  
12:00 PM

### On-Line Webinar

The Capital Area Solar Co-op is officially open!

The solar co-op will make it easier for you and your neighbors in Maryland to go solar!

The co-op is free to join and members are *\*not\** obligated to buy solar panels.

### Co-op members get:

**\*\*a free review of your roof to see if solar panels will work for you**

**\*\*one-on-one support for all your questions about going solar**

**\*\*an individualized proposal for solar at a bulk rate**

Find out more with no obligations and from the comfort of home. This will be a live presentation so bring your questions about solar and we'll answer them!

The Maryland Capital Area Solar Co-op is open to residents of Montgomery, Prince George's and Frederick Counties. The Northern MD Solar Co-op is open to residents of Harford, Carroll and Baltimore Counties.

Join Solar United Neighbors for this free webinar to learn more.

To register: [https://us02web.zoom.us/webinar/register/WN\\_ErAF1-EUQL2\\_\\_B8IJRLnAQ](https://us02web.zoom.us/webinar/register/WN_ErAF1-EUQL2__B8IJRLnAQ)

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**E.) Wages, Benefits & Change - A Supplemental Report to the 2020 U.S. Energy & Employment Report (April 6):**

Tuesday, April 6  
1:00 PM - 2:30 PM

On-Line Event

The National Association of State Energy Officials, Energy Futures Initiative, and BW Research Partnership invite you to a presentation of key data findings from Wages, Benefits and Change: A Supplemental Report to the U.S. Energy and Employment Report, an analysis of workforce wages, benefits, and transitions in the U.S. energy sector.

Hear from energy, climate, and economic policy experts on the potential role of energy careers in just transitions and job creation, as a new Administration, states across the country, and the private sector address challenges and opportunities emerging from the transition to low and carbon free energy and economic recovery.

To register: <https://register.gotowebinar.com/register/6627288058397310732>

<https://naseo.org/event?EventID=7568>

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**F.) WRISE Climate Conversation - Public Voices Fellowship on the Climate Crisis (April 6):**

Tuesday, April 6  
2:00 PM - 3:00 PM

On-Line Event

Join WRISE for a dynamic conversation about how to amplify the voices of women and people of color working on climate action. Our panelists will share insights from participating in the Public Voices Fellowship on the Climate Crisis. This highly competitive, year-long program was developed by The OpEd Project and Yale University to increase the diversity of thought leadership addressing climate change.

Karen Conover, Martha Southgate and Nikayla Jefferson will share lessons learned from the fellowship and how the experience influenced their perception of leadership.

Moderator:

**\*\*Jennifer Allyn - ClimateVoice**

Panelists:

**\*\*Karen Conover - DNV**

**\*\*Nikayla Jefferson - Generation Green New Deal**

**\*\*Martha Southgate - Fellowship Coach at The OpEd Project**

<https://register.gotowebinar.com/register/5490594245905073680?source=Calendar>

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### **G.) Fighting Climate Change - The Sixth Annual Public Policy Conference (April 7):**

Wednesday, April 7

11:30 AM - 7:00 PM

Virtual Event

As the 51st anniversary of Earth Day approaches, we gather to examine the details of climate change policy and raise broad questions. How are local governments and public policy leaders dealing with pressing climate challenges? What sort of governance reforms do we need locally, regionally, or statewide for this fight? Is the fight against climate distracting us from other problems - like poverty, housing and education - or can the fight help address other problems? And what could be the unintended consequences and challenges of fighting climate change for our governments?

Join Chapman University and the R Street Institute for four panel discussions with industry experts and leaders talking about real action and sustained progress on fighting climate change.

This conference is free and open to the public.

To register: <https://www.accelevents.com/e/u/checkout/2021PublicPolicyConference/tickets/order>

<https://www.accelevents.com/e/2021PublicPolicyConference>

<https://www.rstreet.org/event/fighting-climate-change-the-sixth-annual-public-policy-conference>

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### **H.) A Conversation with Former U.S. Secretary of the Interior Sally Jewell (April 7):**

Wednesday, April 7

1:00 p.m. – 2:00 p.m.

Zoom Webinar

Please join Resources for the Future (RFF) for a Policy Leadership Series event with former US Secretary of the Interior Sally Jewell. Jewell served as Interior Secretary in the Obama administration from 2013–2017 and is currently a Global Board Member of The Nature Conservancy, where she previously served as interim CEO.

RFF President and CEO Richard G. Newell will sit down with Jewell to discuss a range of public lands

and climate issues, including federal oil and gas leasing reform, the Biden administration's goal to conserve nearly a third of US lands and ocean waters, and the role public lands can play in mitigating biodiversity loss.

Speakers:

\*\*Sally Jewell, former US Secretary of the Interior

\*\*Richard G. Newell, Resources for the Future

To RSVP: [https://us02web.zoom.us/webinar/register/WN\\_H4uhA1jYTNK5jos9M8G4Qg](https://us02web.zoom.us/webinar/register/WN_H4uhA1jYTNK5jos9M8G4Qg)

<https://www.rff.org/events/pls/sally-jewell>

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### **I.) National Security Implications of Climate Change in Florida (April 7):**

Wednesday, April 7

1:00 pm – 2:00 pm

On-Line Event

Florida plays an important role in U.S. national security. It is home to the headquarters of three Combatant Commands: U.S. Central Command, U.S. Special Operations Command, and U.S. Southern Command. It houses over 20 bases, representing every branch of the U.S. military. It provides key access to irreplaceable training grounds for U.S. pilots in more than 180,000 square miles of Department of Defense (DoD) controlled airspace over the Eastern Gulf of Mexico. Climate change poses clear risks to these security assets.

Please join Lieutenant General Norm Seip, USAF (ret.) for a discussion of the climate threats to military infrastructure, operations, and readiness in Florida, as well as the broader threats to U.S. national security interests.

To register: [https://us02web.zoom.us/webinar/register/WN\\_B8goEOVIQdmL12t5DzgqXw](https://us02web.zoom.us/webinar/register/WN_B8goEOVIQdmL12t5DzgqXw)

<https://www.americansecurityproject.org/event/national-security-implications-of-climate-change-in-florida/>

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### **J.) Leading from the Front - Washington State as the Next U.S. Climate Champion (April 7):**

Wednesday, April 7

2:00 PM

On-Line Event

Washington Governor Jay Inslee and a distinguished panel of energy and climate leaders from the Evergreen State discuss Washington's push to become the next U.S. climate frontrunner.

As the climate crisis builds, decisive actions from the public and private sector, particularly at the state level, are vital to promoting a green economic recovery, strengthening US competitiveness in climate

technologies, and keeping global temperature rise below 1.5 degrees Celsius. Washington State, a climate policy leader and longstanding hydroelectric powerhouse, is poised to play an outsized role in leading the United States in a race to the top for clean energy solutions and green economic development. Governor Jay Inslee, the self-proclaimed climate candidate in the 2020 Democratic primaries, Washington State's ambitious state legislature, and several major companies based in the Evergreen State are pushing ahead to set a positive example for the United States and the world to follow.

Washington State already produces nearly 80 percent of its electricity from renewable sources and wrote into legislation power sector decarbonization by 2045 and coal phaseout by 2025. The state government is moving bills forward to establish a low-carbon vehicle fuel standard and mandate all-electric vehicle sales after 2030. Beyond public policy, Washington-based companies like Microsoft, Boeing, and Amazon all have net-zero and sustainability goals that will accelerate the clean energy transition and move the needle in developing the climate solutions of tomorrow. Washington is also leading the charge to return vertically-integrated silicon solar panel production to the United States with the recently announced manufacturing partnership between REC Silicon and Violet Power.

However, while there is agreement and convergence on many clean energy and climate policy goals, challenges still exist. State leaders have tried and failed three times to pass a comprehensive carbon tax, the coast hosts an important and profitable oil refining industry, and it will remain an uphill battle to establish a Pacific Coast emissions cap and trade program.

What lessons can the rest of the country learn from Washington State's clean energy and climate strategy? How might the Evergreen State carry the torch towards a clean energy future? Will it win the race to the top, and if so, will all of its policy goals come to fruition?

To register: <https://www.atlanticcouncil.org/event/leading-from-the-front-washington-state-as-the-next-us-climate-champion/#event-registration>

<https://www.atlanticcouncil.org/event/leading-from-the-front-washington-state-as-the-next-us-climate-champion>

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### **K.) The Path to Zero Net GHG Emissions by 2050 (April 7):**

Wednesday, April 7  
3:00 p.m. - 4:00 p.m.

On-Line Event

The United States rejoined the Paris Climate Accord on February 19. Now, the hard part begins. Setting ambitious goals is an important first step, but we now need to transform broad goals into specific targets and find a mix of technologies, policies, incentives, regulations, and philosophies that enable us to meet those targets. Critical pieces of the puzzle include the status of the technologies for clean energy production and utilization and the options for carbon removal, especially by nature.

This webinar organized by the Stanford Woods Institute for the Environment will bring together science and technology experts with experience in diverse decarbonization options for a discussion on U.S. pathways towards zero net greenhouse gas emissions (GHG). The conversation will focus not only on the technology but also on assuring that the transition puts a priority on equity and justice.



Speakers:

**\*\*Chris Field, Perry L. McCarty** Director of the Stanford Woods Institute for the Environment and the Melvin and Joan Lane Professor for Interdisciplinary Environmental Studies

**\*\*Mark Jacobson**, Professor of Civil and Environmental Engineering and Senior Fellow at the Woods Institute for the Environment

**\*\*Dan Reicher**, Senior Research Scholar, Stanford Woods Institute for Environment

**\*\*Stephanie Roe**(link is external), Senior Consultant, Climate Focus and Researcher, University of Virginia

To register: [https://us02web.zoom.us/webinar/register/WN\\_dDHBIF\\_wTqGGvqaye4b0qw](https://us02web.zoom.us/webinar/register/WN_dDHBIF_wTqGGvqaye4b0qw)

<https://woods.stanford.edu/events/path-zero-net-ghg-emissions-2050>

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**L.) Argentina's Lithium Industry & Its Role in the Global Renewable Energy Transformation (April 7):**

Wednesday, April 7

3:00 pm – 5:00 pm

On-Line Event

The global renewable energy transition is accelerating rapidly and lithium, the key ingredient in rechargeable batteries for electric vehicles and renewable energy storage, is more important than ever. This critical mineral, found in abundance in South America, is also important to post-pandemic economic recovery in Argentina, Bolivia and Chile, the so-called “Lithium Triangle.”

This is particularly true in Argentina, the world's fourth-largest lithium producer. In recent years, the sector has encountered various challenges such as global oversupply, delayed investments and supply chain disruptions related to the pandemic. Today, however, the government and major private sector players are optimistic about the country's lithium industry and its importance to the global renewable energy transformation.

Will Argentina be prepared to take advantage of projected skyrocketing global demand for lithium? Is Argentina's investment framework attracting sufficient investment to accelerate production? Are Argentina's provincial governments assuring environmental sustainability? Is Argentina collaborating with its neighbors to facilitate cross-border projects and explore opportunities higher up the lithium value chain?

To RSVP: [https://zoom.us/webinar/register/WN\\_ox8OBp06S7yj2l-PZboQYQ](https://zoom.us/webinar/register/WN_ox8OBp06S7yj2l-PZboQYQ)

<https://www.wilsoncenter.org/event/argentinas-lithium-industry-and-its-role-global-renewable-energy-transformation>

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**M.) The Future of Buildings, Transportation & Power (April 7):**

Wednesday, April 7

5:30 pm - 6:30 pm

On-Line Event via Zoom

(registration is required to participate; Zoom link will be sent prior to the date of the event.)

Join the Women's Council on Energy and the Environment for its virtual Author Spotlight featuring authors Roger Duncan and Michael Webber as they discuss 'The Future of Buildings, Transportation, and Power'. You may recall that Mr. Webber wrote 'Power Trip' selected reading for the December 2020 book club meeting. This event is intentionally casual - join us even if you haven't read the book. Zoom or dial in, bring a drink and a snack, and listen to what others have to say. That's the beauty of this event!

This book is available in print, Kindle, and audiobook format.

Tickets: \$0 (WCEE members and non-members)

To register: [https://www.wcee.org/Login.aspx?](https://www.wcee.org/Login.aspx?optional=1&store=1&returl=%2fstore%2fRenewMembership.aspx)

[optional=1&store=1&returl=%2fstore%2fRenewMembership.aspx](https://www.wcee.org/Login.aspx?optional=1&store=1&returl=%2fstore%2fRenewMembership.aspx)

<https://www.wcee.org/events/EventDetails.aspx?id=1470905&group=>

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### **N.) Raising Ambitions - The Role of Nuclear Energy in Meeting Climate Goals (April 8):**

Thursday, April 8

8:30 AM - 9:30 AM

On-Line Event

Please join the Atlantic Council Global Energy Center for a conversation with Dr. Sama Bilbao y León, Director General of the World Nuclear Association; Arun Khuttan, COP26 Project Lead for the United Kingdom's NextGen Nuclear Industry Council; William Magwood, Director General of the OECD's Nuclear Energy Agency; and Dr. John C. Wagner, Director of Idaho National Laboratory, on the role of nuclear energy in meeting climate goals ahead of the United States' Leaders' Climate Summit in April.

This event will be the first in the Atlantic Council "Raising Ambitions" events series, which focuses on the higher climate ambitions that the Biden Administration hopes to realize at home and abroad. It will evaluate key technologies critical to helping reach these goals, emphasize sectoral approaches to decarbonization, and highlight countries increasing their commitments to climate action. The aim is to build momentum in advance of the summit and encourage increased ambition from public and private sector actors.

In this moderated discussion, global leaders in the nuclear industry will discuss the imperative of using new and existing nuclear technologies to meet climate goals. As the Biden Administration formalizes its efforts to scale up new climate-focused research and development, fresh perspectives from young leaders, in addition to established nuclear technology and policy experts, will become all the more important in building a holistic and comprehensive approach to climate action.

A conversation with:

**\*\*Dr. Sama Bilbao y León, Director General, World Nuclear Association**

**\*\*Arun Khuttan, Project Lead for COP26, NextGen Nuclear Industry Council**  
**\*\*William D. Magwood IV, Director General, Nuclear Energy Agency, Organization for Economic Cooperation and Development**  
**\*\*Dr. John C. Wagner, Director, Idaho National Laboratory**

Moderator:

**\*\*Dr. Jennifer T. Gordon, Managing Editor and Senior Fellow, Global Energy Center, Atlantic Council**

To register: <https://www.atlanticcouncil.org/event/raising-ambitions-the-role-of-nuclear-energy-in-meeting-climate-goals/#event-registration>

<https://www.atlanticcouncil.org/event/raising-ambitions-the-role-of-nuclear-energy-in-meeting-climate-goals>

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### **O.) Putting Racial Justice at the Heart of Climate Action - A U.S. & U.K. Perspective (April 8):**

Thursday, April 8  
10:00 am - 11:00 am

On-Line Event

Climate change, racial injustice, the coronavirus pandemic, and economic inequality have formed interlocking crises that threaten the health, safety, and well-being of communities of color across the globe. Racist policies and institutions, stemming from legacies of slavery and colonization, have burdened Black and brown neighborhoods with disproportionate amounts of air and water pollution. These same communities battling pollution's disparate health effects are often simultaneously on the front lines of pollution's other catastrophic effect: climate change. Sea level rise, heat waves, and storms are becoming more intense—and more deadly—as the climate crisis worsens.

But just as the root causes of racism and the climate crisis are interwoven, so are the solutions. In the midst of the coronavirus pandemic, young people, especially young people of color, are calling for their leaders to take bold climate action that prioritizes an equitable economic recovery centered on racial justice. As the United States and United Kingdom turn their sights toward the Leaders Summit on Climate on April 22, it is critical that both climate justice and racial justice are a part of developing a road map for recovery.

Please join the Center for American Progress for a discussion on the interconnected nature of pursuing racial justice and climate justice—in both the American and British contexts—through a conversation between British Member of Parliament David Lammy and U.S. Sen. Ed Markey (D-MA).

Panelists:

**\*\*David Lammy, Labour Member of Parliament for Tottenham**  
**\*\*Sen. Ed Markey (D-MA)**

Moderator:

**\*\*John Podesta, Founder and Chair of the Board of Directors, Center for American Progress**

To RSVP: [https://rsvp.americanprogress.org/page/28002/event/1?\\_ga=2.126082821.989592271.1617634572-1411288765.1586170571](https://rsvp.americanprogress.org/page/28002/event/1?_ga=2.126082821.989592271.1617634572-1411288765.1586170571)

**P.) Food Scrap Recycling - Opportunities & Realities of Anaerobic Digestion (April 8):**

Thursday, April 8  
12:00 pm - 1:30 pm

Webinar Only

An estimated 35% of food that is produced is uneaten, with losses occurring along the supply chain from farms to consumers. When food waste decomposes in landfills, it releases methane, a greenhouse gas (GHG) with at least 25 times the warming potential of carbon dioxide. Many municipalities and organizations are beginning to prioritize diverting food waste from landfills by either preventing waste, rerouting edible food to the nearly 14 million food insecure households, or recycling waste through composting, animal feeding operations, or anaerobic digestion.

Of these recycling methods, anaerobic digestion (AD) – a process in which microorganisms break down organic material and create biogas and digestate that can be turned into valuable renewable energy or soil amendment and nutrient products – has substantial potential, but is still in the early stages of development and implementation in the United States.

What is the current status of AD as a recycling option for food scraps? What are the opportunities and challenges in diverting food waste from landfills to AD facilities? What policies and programs would support further development of AD facilities for food scraps? Join the Environmental Law Institute, BioCycle, American Biogas Council and leading experts as they explore these questions and seek solutions to diverting food waste from landfills and recycling to create valuable products through AD.

Panelists:

- \*\*Carol A. Jones, Visiting Scholar, Environmental Law Institute, Moderator
- \*\*John Hanselman, CEO, Vanguard Renewables
- \*\*Julia Levin, Executive Director, Bioenergy Association of California
- \*\*Mark McDannel, Manager, Energy Recovery Engineering, Los Angeles County Sanitation Districts
- \*\*Melissa Pennington, Sustainability Coordinator, Environmental Protection Agency

This event is free and open to the public but you must register.

To RSVP: <https://www.eli.org/civicrm/event/info?reset=1&id=950>

<https://www.eli.org/events/food-scrap-recycling-opportunities-and-realities-anaerobic-digestion>

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**Q.) Climate Leaders Live - Focus on Transportation Electrification (April 8):**

Thursday, April 8  
1:00 pm – 2:00 pm

Webinar

The transportation sector makes up the largest source of climate pollution in our country. Shifting to zero-emission vehicles (from cars and delivery vans to trucks and buses) that get their power from 100% clean energy, as well as making it easier to drive around less while expanding other transportation options are some of the fastest ways we can clean our air and our transportation system. Over the course of the past decade, we have seen seismic shifts in this sector, with rapid advances in technology that have driven down costs and increased availability and the accessibility of zero emissions vehicles and equipment.

However, these technology advancements have largely not benefitted BIPOC and low-income communities who experience disproportionate harms from the transportation sector including, but not limited to, disproportionate air pollution burden, serious health impacts, inaccessible transportation options and more. With about 290 million cars and trucks, two million big rigs and a million buses on the road in the US using fossil fuels today, there is no shortage of challenges and barriers to electrifying equitably at speed and scale and remind us we must come together to achieve a transition that works for everyone. Join three great leaders in this space to talk about recent developments, what more needs to happen and what it will take.

This webinar will focus on the particularly vital strategy for cutting climate pollution: how to rapidly and equitably accelerate the electrification of our vehicles.

Featured speakers:

- \*\*Leslie Aguayo, Environmental Equity Program Manager with Greenlining Institute
- \*\*Victoria Paykar, Oregon Transportation Policy Manager with Climate Solutions
- \*\*Fred Krupp, President of the Environmental Defense Fund

To register: [https://climatesolutions.salsalabs.org/cllapril2021/index.html?eType=EmailBlastContent&eId=6c1b4f98-44bd-4031-8f96-166a94c5f00d&sl\\_tc=ORpolicywebinar](https://climatesolutions.salsalabs.org/cllapril2021/index.html?eType=EmailBlastContent&eId=6c1b4f98-44bd-4031-8f96-166a94c5f00d&sl_tc=ORpolicywebinar)

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### **R.) Calling All Resources for Utility Procurements (April 8):**

Thursday, April 8  
1:00 PM

On-Line Event

Rapid technology changes are driving renewed interest in all-source competitive solicitations by electric utilities. This type of procurement allows all potential resources - utility-scale and distributed energy resources (DERs), whether owned by utilities, customers or third parties - to compete to meet a utility's needs.

Potential benefits of all-source solicitations include:

- \*\*Discovery of competitive pricing across a range of resources
- \*\*Reduced cost uncertainty
- \*\*Integrated procurement of resources that have interactive effects — for example, wind, solar and storage
- \*\*Improved coordination between procurement of bulk power system resources (including utility-scale storage) and DERs

A new Berkeley Lab report, “All-Source Competitive Solicitations: State and Electric Utility Practices,” describes principles, practices and emerging issues for resource acquisition. Drawing on regulatory documents, resource plans, solicitation materials, independent evaluator reports and scholarly literature, the report examines the history and recent results of all-source competitive solicitations, design tradeoffs, and implementation options and issues. Comparing technologies with different operating characteristics on an equivalent basis is the central challenge.

Speakers:

\*\*Dr. Fredrich Kahrl, Lead author

\*\*Lisa Schwartz, technical editor and project manager.

To register: [https://lbnl.zoom.us/webinar/register/WN\\_U5KvKDJcQUuFyO7fbH24Lg](https://lbnl.zoom.us/webinar/register/WN_U5KvKDJcQUuFyO7fbH24Lg).

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### **S.) A Conversation with Ramón Cruz, President of the Sierra Club (April 8):**

Thursday, April 8  
3:00 PM – 4:00 PM

Online Event

Join David J. Vázquez, Associate Professor of Literature and Critical Race, Gender, and Culture Studies at American University, as he speaks with Ramón Cruz, president of the Sierra Club, SIS/BA '98. The two will discuss environmental justice in Latinx communities, the recent Sierra Club commitment to antiracism, and the prospects for antiracist environmentalism in the post-Trump, post-COVID era.

Ramón Cruz is the president of the Sierra Club, America’s oldest and largest environmental organization. He has more than 20 years of experience intersecting the fields of sustainability, environmental policy, urban planning, energy, and climate change. He has worked in the public sector in his native Puerto Rico as the Deputy Director of the Environmental Quality Board, the state environmental regulatory agency and as Commissioner of the Puerto Rico Energy Commission.

<https://www.eventbrite.com/e/antiracism-and-environmental-justice-latinx-imperatives-tickets-144678331785>

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### **T.) Paying for Infrastructure (April 8):**

Thursday, April 8  
3:00 PM - 4:00 PM

On-Line Event via Zoom

America’s infrastructure may soon be getting an upgrade. The Highway Trust Fund is currently less than a year from insolvency, and policymakers are currently discussing spending \$1 trillion or more to modernize infrastructure, including investments in transportation, communications, housing, water, electricity, and green technology. But how will they pay for these expenses?

Please join the Committee for a Responsible Federal Budget for Paying for Infrastructure, a virtual event that will explore possible revenue sources. A panel of experts will discuss options ranging from vehicle miles traveled (VMT) fees to income taxes to carbon pricing. Our panel of experts will also take your questions.

Opening Remarks:

**\*\*Maya MacGuineas, Committee for a Responsible Federal Budget**

Moderator:

**\*\*Marc Goldwein, Committee for a Responsible Federal Budget**

Panelists:

**\*\*Robert Atkinson, Information Technology and Innovation Foundation**

**\*\*Jeff Davis, Eno Center for Transportation**

**\*\*Chye-Ching Huang, Tax Law Center at NYU Law**

**\*\*Adele Morris, Brookings Institution**

To register: <https://secure.everyaction.com/Wo6IdBeL2UutFuep8I2SmA2>

<https://www.crfb.org/events/virtual-event-paying-infrastructure>

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### **U.) Decarbonization & NET Zero Emissions - The View from Nation-State Analysts (April 8):**

Thursday, April 8

5:30 PM – 7:00 PM

On-Line Event

As the U.S. rejoins other leading nations in the race to mitigate climate change, the debate is no longer about whether climate change can be stopped; only about whether we can limit its harms. What will it take to get to Net Zero Emissions by 2050 to mitigate climate change and limit its effects to acceptable levels? Fears about a perceived trade-off between climate mitigation and economic development continue, but this webinar series seeks to move beyond that conceptualization of the problem and understand how climate change can be dramatically slowed and the economy “decarbonized” but without economic loss.

There will be an economic transition, to be sure, with economic winners and losers, but the world’s economy must be reshaped, and within a couple of decades. What does this mean for climate-polluting nation-states like the US, China, India, and the European economies? For economic sectors, like energy, transportation, and agriculture? What macro-level changes are necessary, and how might these affect the day-to-day lives of citizens and consumers? Join the Center for Environmental Policy this spring as we explore these issues with some of the world’s leading experts.

Participants:

**\*\*Todd Eisenstadt, American University**

**\*\*Katie Ross, World Resources Institute**

**\*\*Klaus Röhrig, Climate Action Network (CAN) Europe**

**\*\*Dan Fiorino, American University**

**\*\*Joanna Lewis, Georgetown University**

**\*\*Janet Peace, Blue Source**

To register: <https://american.swoogo.com/decarbonization/begin>

<https://american.swoogo.com/decarbonization>

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### **V.) Advancing New Nuclear Technologies with the Versatile Test Reactor (April 9):**

Friday, April 9

9:30 AM – 10:00 AM

On-Line Event

Please join the Atlantic Council Global Energy Center which will host Dr. Kemal Pasamehmetoglu, the Executive Director for the Versatile Test Reactor (VTR) Project at the Idaho National Laboratory (INL). He will discuss how the VTR supports research, development, and demonstration of innovative nuclear energy technologies.

The experimental results from a VTR will provide valuable information on how fuels, materials, components, and instruments withstand extreme conditions inside nuclear power plants. The test reactor mimics decades of wear and tear sustained in a power reactor core. This enables scientists and engineers to design safer, longer lasting and more efficient fuels, materials, and components for nuclear energy systems as well as sensors for tracking reactors' operations. The VTR is the first new test reactor that the US Department of Energy has pursued in at least 30 years. Kemal Pasamehmetoglu, executive director of the VTR project, will offer an overview of the facility, including how it will help the United States achieve clean energy and national security goals.

To register: <https://www.atlanticcouncil.org/event/energysource-innovation-stream-with-idaho-national-laboratory/#event-registration>

<https://www.atlanticcouncil.org/event/energysource-innovation-stream-with-idaho-national-laboratory>

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### **W.) The Future of Nuclear (April 9):**

Friday, April 9

12:00 PM - 1:00 PM

On-Line Event

Nuclear has long been a crucial source of clean energy in the United States and provides nearly 55% of our carbon-free electricity. Today the industry faces a number of challenges including political and economic concerns. This webinar will examine the state of the industry and its role in a clean energy future.

Featuring:

**\*\*Chris Colbert, Chief Financial Officer & Chief Strategy Officer, NuScale Power**

**\*\*John Kotek, Vice President, Policy Development & Public Affairs, Nuclear Energy Institute**



**\*\*Allison Macfarlane, Director, University of British Columbia School of Public Policy and Global Affairs, Former Chairman, U.S. Nuclear Regulatory Commission**

Moderated by:

**\*\*Jessica Lovering, Co-Founder & Co-Executive Director, Good Energy Collective**

Co-Hosted by:

**\*\*Mike Shatzkin, Co-Founder, ClimateChangeResources.org**

To register: <https://register.gotowebinar.com/register/4529291230066682891?source=ws>

<https://www.ourenergypolicy.org/ws49>

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### **X.) 2021 Planet Forward Summit (April 9):**

Friday, April 9

12:00 PM – 4:00 PM

On-Line Event

2020 brought so much change to our lives. But the planet is again a priority. Policymakers, businesses, and advocates are channeling the urgency of the moment, addressing climate change, environmental equity, and inclusion.

Empowered voices are making change and amplifying new narratives as we run against the clock to prevent catastrophic shifts to our global climate.

How do policymakers, activists, innovators and others who want to inspire action drive people to this critical point?

At the 2021 Planet Forward Virtual Summit, our focus is on the urgency of the climate crisis, environmental equity, inclusion — and the narratives that propel them. Learn how these environmental change agents use storytelling to transform their audiences from passive listeners to engaged doers.

<https://www.eventbrite.com/e/2021-planet-forward-virtual-summit-registration-144556846419>

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### **Y.) The Future of Mobility - What's Next for American Cities? (April 9):**

Friday, April 9

1:00 PM - 2:30 PM

On-Line Event

Just as increased access to cars transformed America after World War II, the next generation of mobility innovations will reshape the future of our cities and regions.

Join the Maryland Department of Planning and the Congress for the New Urbanism, as officials from

the City of Buffalo, New York and their planning team share the outcomes of their recent efforts to address the fundamental challenge posed by these rapid changes: how can Buffalo, and similar cities across North America, put mobility innovations to work and unlock a new era of opportunity, access and equity?

This session will explore the recommendations developed at a community workshop and adopted by the City of Buffalo, which propose to establish a mobility and equity innovation zone as a building block for the inclusive implementation of these new technologies.

To register: <https://register.gotowebinar.com/register/1004541724599563279?source=MDP>

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### **Z.) The Nexus of Climate Change, Fragility & Peacebuilding (April 13):**

Tuesday, April 13  
10:00 am - 11:30 am

#### **On-Line Event**

The Biden administration is taking action to center climate change in its foreign policy and national security agendas, preparing to dramatically curb U.S. emissions, and has recognized climate change's connection to injustice. Yet, one thing has been missing from the administration's climate agenda: The linkages between climate change action and opportunities to build peace. While climate impacts can drive conflict and insecurity, well-designed climate action can foster collaboration and promote peace, and strategic investments in peacebuilding can yield climate resilience.

The Global Fragility Act (GFA) and recently released "U.S. Strategy to Prevent Conflict and Promote Stabilization" could provide an important avenue to elevate and leverage the Biden administration's bold climate agenda to address instability and build peace. Bridging the policy gap between climate action and peacebuilding is a crucial first step to a more climate resilient and peaceful future. In fact, research shows sustainable peace requires a climate-sensitive lens, and sustainable climate responses require a conflict-sensitive lens.

Join USIP and the Wilson Center for a timely discussion with experts on the linkages between climate and fragility, and how a more integrated approach to climate and fragility policies and responses can simultaneously strengthen resilience outcomes and minimize threats to peace and prosperity.

#### **Introductory Remarks:**

**\*\*Joe Hewitt, Vice President, Policy, Learning, and Strategy, U.S. Institute of Peace**

#### **Moderator:**

**\*\*Cynthia Brady, Global Fellow, Woodrow Wilson Center**

#### **Speakers:**

**\*\*Dina Esposito, Vice President of Technical Leadership, Mercy Corps**

**\*\*Alice Hill, David M. Rubenstein Senior Fellow for Energy and the Environment, Council on Foreign Relations; Former Senior Director, Resilience Policy, National Security Council**

**\*\*Liz Hume, Acting President and CEO, Alliance for Peacebuilding**

**\*\*Erin Sikorsky, Deputy Director, The Center for Climate and Security; Former Deputy Director, Strategic Futures Group, National Intelligence Council**

To register: <https://www.usip.org/events/nexus-climate-change-fragility-and-peacebuilding#>

<https://www.usip.org/events/nexus-climate-change-fragility-and-peacebuilding>

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**i.) Following Bakken CO<sub>2</sub>, Pore Structure Alteration of Organic-Rich Shale with Sc-CO<sub>2</sub> Exposure (April 13):**

Tuesday, April 13  
1:00 pm - 2:00 pm

Zoom Webinar

The University of North Dakota Petroleum Engineering team have new findings in the changes in the pore structure distribution after CO<sub>2</sub> saturation. Ogochukwu Ozotta, a PHD candidate, will provide an in-depth look at the changes in the Bakken formation, the first step in providing experimental evidence to further test the mechanisms of geological storage of CO<sub>2</sub> in organic-rich self-sourced plays.

The interaction between various components of shale and CO<sub>2</sub> is interesting since it alters pore structures that are the governing factor in different projects. In this study, samples from the Upper (UB) and Lower (LB) Bakken were exposed to super critical CO<sub>2</sub> for 3, 8, 16, 30, and 60 days. Then, chemical and structural changes during the process of exposure were evaluated with different methods, including X-ray diffraction (XRD), gas adsorption (N<sub>2</sub>) isotherm, and fractal theory. The results showed that quartz increased in the UB and decreased in the LB, whereas clay and other minerals had a decreasing trend for both UB and LB after CO<sub>2</sub> saturation.

After saturation, the pore size distributions (PSDs) were skewed to smaller pore sizes at all diameters, indicating that the number of pores decreased as a result of the reaction. Fractal dimension has an increasing trend as the samples were exposed to CO<sub>2</sub>, where the roughness of the pore surface and the complexity of pore structure increased after 8–16 days of CO<sub>2</sub> saturation and then decreased after 30–60 days of saturation to become more homogeneous.

Following the presentation, we will have a 15-minute Q&A session.

To register: <https://us02web.zoom.us/meeting/register/tZUlcyyrrDouHNaS2ktM9ZVuItI-ek8rXb08>

<https://usea.org/event/consensus-following-bakken-co2-pore-structure-alteration-organic-rich-shale-sc-co2-exposure>

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**ii.) NREL Solar TRACE & SolarAPP+ Roundtable (April 14):**

Wednesday, April 14  
1:00 pm – 2 :00 pm

On-Line Event

Join SEIA and NREL for a demonstration and roundtable discussion featuring the newly launched Solar

TRACE and SolarAPP+. Solar TRACE will strengthen the ability for jurisdictions and utilities to identify opportunities to improve their permitting, inspection and interconnection (PII) cycle-time, accelerating realization of shorter cycle-times with the adoption of Solar APP+.

The roundtable will include key members of the SolarAPP+ development and implementation team who will discuss how these two tools can achieve joint civic and industry goals through insight gained from Solar TRACE and the adoption and implementation of SolarAPP+. The roundtable will also feature local government and utility representatives that have adopted a wide range of other best practices to improve the efficiency of PII in their area.

For more information on Solar TRACE, visit <https://solarapp.nrel.gov/solarTRACE>

Speakers:

- \*\*Evelyn Butler, Vice President of Technical Services, SEIA
- \*\*Jeff Cook, Renewable Energy Policy and Market Analyst, NREL
- \*\*Justin Baca, Vice President of Markets & Research, SEIA
- \*\*Peter Jackson, Chief Electrical Inspector, City of Bakersfield, CA
- \*\*Roger Salas, Engineer Manager, Southern California Edison

To register: <https://www.seia.org/webinar/start/92433988677>

<https://www.seia.org/events/nrel-solar-trace-and-solarapp-roundtable>

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**iii.) A Utility-Regulator Discussion on the Future of the Industry (April 14):**

Wednesday, April 14  
1:00 PM – 2:00 PM

On-Line Event

Utility leaders, how do we get from where we are to where we need to be? We know the imperatives - climate change mitigation, grid resilience, social/energy justice, COVID-19, a technology revolution - and we also know that utilities cannot build a clean and equitable energy future on their own. Utilities have always had to make their case to regulators and other stakeholders every step of the way.

Building the utility of the future will require a serious reconsideration of how we collectively think about the relationship between utilities and regulators. In this webinar, we welcome Jeffrey Ackermann, former chair of the Colorado Public Utilities Commission, and industry expert and former utility executive Val Jensen to share ideas and trade perspectives on what the future regulatory model might look like.

The conversation will cover hot industry topics such as:

- \*\*How to provide customers with the services they need and the experiences they deserve.
- \*\*An insider's perspective on the regulatory landscape and what we can expect as the industry faces the combined pressures of technology, customers, and climate.
- \*\*How to address pressing issues such as decarbonization, affordability, modernization, community growth, equity, and resilience.

<https://www.icf.com/events/energy/2021/04/utility-regulator-discussion-future-industry>

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#### **iv.) Unlocking the Energy Transition with the Keys to CCUS Commercialization (April 14):**

Wednesday, April 14  
1:30 pm - 3:15 pm

Zoom Webinar

As the US continues on its path of decarbonization and goal of a low to zero carbon economy, one huge opportunity in this transition is the use of CCUS.

Finalized guidance on the 45Q Tax Credit, the recently introduced Storing CO2 And Lowering Emissions (SCALE) Act supporting CO2 infrastructure and yesterday's CCUS Bill, CCUS Tax Credit Amendments Act by Senator Manchin, all show the support to do this.

Globally, new projects are being announced daily that either are CCUS or components of clusters and hubs forming large regional CCUS programs.

Chuck McConnell University of Houston with his CCUS Commercialization Consortium will lead a panel including Nigel Jenvey of Baker Hughes and Fred Eames a partner at Hunton Andrews Kurth and \*new speaker addition\* Kenneth Nemeth, Secretary and Executive Director of the Southern States Energy Board

Moderated by Michael Moore

To register: [https://us02web.zoom.us/webinar/register/WN\\_TVzlCDD1TMirnBfSb6sb0g](https://us02web.zoom.us/webinar/register/WN_TVzlCDD1TMirnBfSb6sb0g)

<https://usea.org/event/consensus-unlocking-energy-transition-keys-ccus-commercialization>

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#### **v.) Accelerating Solar Access (April 14):**

Wednesday, April 14  
2:00 PM - 3:00 PM

On-Line Event

Join SolSmart and the Rocky Mountain Institute (RMI) to learn about how cities and counties across the country are accelerating residential solar adoption through the implementation of Solarize campaigns. RMI will discuss its work under the Renewables Accelerator which includes technical assistance to a cohort of communities. This work involves expanding solar access to communities of color as well as helping cities and counties make progress towards community wide clean energy goals.

SolSmart, a national designation program which evaluates local government programs and practices that impact solar markets will discuss how communities can take advantage of the no cost technical assistance it provides. SolSmart identifies high-prospect opportunities for improvement and recognizes communities for their efforts. The webinar will highlight successes from two communities, both

SolSmart designated and also participating in the Renewables Accelerator cohort.

SolSmart credits in the Permitting & Inspection and Community Engagement categories are available for the selected cities and counties undertaking certain specified activities in the Renewables Accelerator cohort.

To register: <https://register.gotowebinar.com/register/2975936386431023374>

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**ABOUT US**

The SUN DAY Campaign is a non-profit research and educational organization founded in 1992 to support a rapid transition to 100% reliance on renewable energy sources and energy efficiency as cost-effective alternatives to nuclear power and fossil fuels and as a strategy for addressing climate change.

Its work, including this weekly calendar, is made possible by financial support from its readers. **Please help us continue to make it available by making a (tax-deductible) donation today** by mailing a check to the SUN DAY Campaign. The address is 6930 Carroll Avenue, Suite #340; Takoma Park, MD 20912. Please call (301) 270-6477 x.6 to find out more.

Thank you for your support!

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\* To be included in this calendar, events must generally meet the following criteria:

- a.) have a clear and explicit nexus to energy or climate change issues (i.e., not merely general environmental issues)
- b.) be open to the public
- c.) be in-person events (i.e., usually webinars & other on-line events are not listed w. exception of during the current COVID-19 crisis period)
- d.) be free or low-cost (i.e., usually \$100 or less)
- e.) usually originate within the Washington, DC area (roughly defined as being within the Beltway but during the pandemic some virtual non-DC events are also being included)
- f.) not be in violation of the SUN DAY Campaign's 501 c-3 tax status (e.g., political candidate fundraisers)

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