

Subject: UN DAY Campaign: Upcoming Washington DC-Area Energy & Climate Change Events – June 7, 2021*

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From: Ken Bossong

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prepared by the

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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, June 7 - Sunday, June 20

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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- v.) June 18: Leveraging Grid Edge Integration for Resilience & Decarbonization.

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")

[A.\) June 8: Senate Homeland Security Committee Hearing on the Colonial Pipeline Cyber Attack.](#)

Tuesday, June 8

10:00 AM

Senate Dirksen Building, SD-342

-and-

via videoconference

The full Senate Committee on Homeland Security and Governmental Affairs will convene a hearing entitled "Threats to Critical Infrastructure: Examining the Colonial Pipeline Cyber Attack."

Witness:

****Joseph A. Blount Jr., President and Chief Executive Officer, Colonial Pipeline**

<https://www.hsgac.senate.gov/hearings/threats-to-critical-infrastructure-examining-the-colonial-pipeline-cyber-attack>

B.) June 8: Senate Energy Committee Hearing on Multiple Nominees.

Tuesday, June 8
10:00 AM

366 Dirksen Senate Office Building
Washington, DC 20510

The full Senate Committee on Energy and Natural Resources will convene a hearing to consider the nominations of:

****Ms. Tracy Stone-Manning to be Director of the Bureau of Land Management;**

****Ms. Shalanda H. Baker to be Director of the Office of Minority Economic Impact, Department of Energy;**

****Mr. Samuel T. Walsh to be General Counsel, Department of Energy; and**

****Mr. Andrew E. Light to be an Assistant Secretary of Energy (International Affairs).**

<https://www.energy.senate.gov/hearings/2021/6/nominations-hearing>

C.) June 8: The Global Energy Outlook - Pathways from Paris.

Tuesday, June 8
12:00 noon – 1:00 p.m.

Zoom Webinar

Join Resources for the Future for “The Global Energy Outlook: Pathways from Paris.” This webinar will coincide with the release of the 2021 Global Energy Outlook—RFF’s annual report that synthesizes global energy market projections and analysis from leading energy organizations, academics, and corporations—and an accompanying interactive web tool. The only such report of its kind, RFF’s 2021 Global Energy Outlook harmonizes analyses from other organizations to allow for a clear understanding and easy comparison of potential future energy markets, climate trajectories, and policy options at global, regional, and national levels.

The event will feature an in-depth panel discussion on some of the potential long-term outlooks for energy markets and the global energy system.

This year’s Global Energy Outlook includes projections from Bloomberg New Energy Finance, BP, Equinor, the International Energy Agency, the International Renewable Energy Agency, the Organization of the Petroleum Exporting Countries, and—new for the Global Energy Outlook—scenarios from the IPCC’s 2018 Special Report on Global Warming of 1.5 °C .

Speakers:

- **Jennifer Gordon, Atlantic Council
- **Ramez Naam, Singularity University
- **Richard G. Newell, Resources for the Future
- **Daniel Raimi, Resources for the Future
- **Seth Villanueva, Resources for the Future

Moderator:

- **Stephen Lee, Bloomberg Environment

To register: https://us02web.zoom.us/webinar/register/WN_pNVnfZJoQa-H0bAixEw9RQ

<https://www.rff.org/events/rff-live/the-global-energy-outlook-pathways-from-paris/>

D.) June 8: The Path to a Low-Carbon Future.

Tuesday, June 8
12:00 p.m.

On-Line Event

Reducing waste and conserving scarce natural resources are key goals of the movement to a circular economy. The majority of the world's carbon emissions are associated with extraction of resources and production of goods, but circular economy measures are rarely included in policies aimed at meeting emissions reduction targets. As the U.S. considers opportunities to reduce waste and improve recyclability, how can these efforts be aligned with those to combat climate change?

Join POLITICO for a high-level conversation on what it will take to build both a circular economy and a low-carbon future. We will also explore the roles of the private sector and government in building infrastructure for the circular economy.

Register to watch at: <https://pathtoalowcarbonfuture.splashthat.com/CMS>

<https://www.politico.com/live-events/2021/06/08/the-path-to-a-low-carbon-future-001210>

E.) June 8: Unlocking Capital for Climate Solutions - The Benefits of a National Climate Bank.

Tuesday, June 8
12:00 pm - 1:30 pm

Online @ eesi.org

The Environmental and Energy Study Institute (EESI) invites you to a briefing on how a national climate bank could deploy capital at scale to advance climate change solutions. Over 20 green banks currently exist in the United States, providing flexible and affordable financing for a wide range of clean energy projects that lower emissions and boost climate resilience. Because of their unique, mission-driven mandates to address social and environmental issues, these entities are well-positioned

to provide targeted investments in rural areas, low- and moderate-income communities, and communities of color that are disproportionately affected by polluting facilities and climate change impacts and are often unable to access traditional funding sources.

This briefing will explore the climate mitigation and adaptation benefits that would be unlocked by a national climate bank, building upon the experiences of successful green banks across the country. Panelists will discuss how these investments would also create jobs and make climate solutions more affordable, accessible, and equitable.

Speakers:

- **Jeffrey Schub, Executive Director, Coalition for Green Capital
- **Bryan Garcia, President and CEO, Connecticut Green Bank
- **Duanne Andrade, Chief Financial Officer, Solar Energy Loan Fund
- **Brittany Heller, Senior Manager of Workforce & Community Engagement, Grid Alternatives

To RSVP: <https://www.eesi.org/briefings/view/060821bank#rsvp>

<https://www.eesi.org/briefings/view/060821bank>

F.) June 8: House Homeland Security Committee Hearing on Climate Change.

Tuesday, June 8
2:00 PM

Virtual Hearing

The House Homeland Security Committee’s Subcommittee on Emergency Preparedness, Response, & Recovery will convene a hearing entitled “Examining Climate Change – A Threat to the Homeland.” The issues to be covered include emergency preparedness & communications.

Witnesses:

- **Bill Nye, Science Educator and CEO, The Planetary Society
- **Curtis Brown, State Coordinator, Virginia Department of Emergency Management and Co-Founder, Institute for Diversity and Inclusion in Emergency Management
- **Alice C. Hill, David M. Rubenstein Senior Fellow for Energy and Environment, Council on Foreign Relations
- **Pamela S. Williams, Executive Director, BuildStrong Coalition (minority witness)

https://homeland.house.gov/activities/hearings/examining-climate-change_a-threat-to-the-homeland

G.) June 9: Applying Grid Enhancing Technologies to Accelerate Renewable Energy Integration.

Wednesday, June 9
8:00 am - 9:30 am

On-Line Event

The Working for Advanced Transmission Technologies (WATT) Coalition released a new analysis titled Unlocking the Queue from The Brattle Group. The report quantifies the ability of three cutting edge Grid-Enhancing Technologies (GETs) to integrate greater amounts of wind and solar generation than possible without the technologies. This report shows how active management of the grid can deliver more clean power over the existing network, benefitting customers and the environment in the very near term.

Join members of USEA's Black Sea Transmission Planning Working Group and its Electricity Market Initiative to learn more about these technologies and their ability to accelerate the clean energy transition.

Speakers:

**Jay Caspary, Vice President, Grid Strategies LLC

**Bruce Tsuchida, Principal, The Brattle Group

To register: <https://register.gotowebinar.com/register/6860487879298763277>

<https://usea.org/event/applying-grid-enhancing-technologies-accelerate-renewable-energy-integration>

H.) June 9: Climate Change in Indonesia.

Wednesday, June 9

9:00 AM – 10:15 AM

Zoom Webinar

Indonesia is among the world's most vulnerable countries to climate change, and the shocks from more regular floods, droughts, and intense weather events are already felt today. While managing and mitigating climate risks are vital for Indonesia's future development, economic growth remains a priority for decision-makers. How can decision makers in Indonesia balance urgent economic and development needs with longer-term climate change? Join us on June 9th for a discussion with Nur Hidayati, Richard Jeo, and Ambassador Dino Patti Djalal for an in-depth discussion.

Featured Speakers:

**Nur Hidayati, Executive Director of WALHI (Friends of the Earth Indonesia)

**Ambassador (ret) Dino Patti Djalal, Senior Advisor to the Asia Group

**Richard Jeo, Senior Vice President, Conservation International

Moderated by:

**Ambassador (ret) Robert O. Blake, Senior Director at McLarty Associates

This event is co-hosted by the Stimson Center Southeast Asia Forum and the U.S.–Indonesia Society.

To RSVP: https://us02web.zoom.us/webinar/register/WN_T1O0MltkR4Gm3kNcIvLPUQ

<https://www.stimson.org/event/climate-change-in-indonesia/>

I.) June 9: Senate Appropriations Committee Hearing on EPA’s FY’22 Budget Request.

Wednesday, June 9
10:00 AM

Dirksen Senate Office Building SD-138P
Washington, DC 20510

The Senate Appropriations Committee’s Subcommittee on Interior, Environment, and Related Agencies will convene a hearing to consider the Fiscal Year 2022 Budget Request for The Environmental Protection Agency.

Presiding:
**Chair Merkley

Witness:
**The Honorable Michael Regan, Administrator, Environmental Protection Agency

<https://www.appropriations.senate.gov/hearings/fiscal-year-2022-budget-request-for-the-environmental-protection-agency>

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J.) June 9: House Homeland Security Committee Hearing on the Colonial Ransomware Attack.

Wednesday, June 9
12:00 PM

Virtual Hearing

The House Committee on Homeland Security will host a hearing entitled “Cyber Threats in the Pipeline – Using Lesson from the Colonial Ransomware Attack to Defend Critical Infrastructure.”

Witness:
**Joseph Blount, CEO - Colonial Pipeline

<https://homeland.house.gov/activities/hearings/cyber-threats-in-the-pipeline-using-lessons-from-the-colonial-ransomware-attack-to-defend-critical-infrastructure>

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K.) June 9: Pathways to Grid Decarbonization - The Generator’s Perspective.

Wednesday, June 9
12:30 pm

On-Line Event

Last month, the Biden Administration announced a target for the US to reduce emissions by 50% below 2005 levels by 2030 and to completely decarbonize the electricity grid by 2035. Achieving these targets will require many generators to make sweeping and rapid changes.

At this upcoming event, industry experts will share their reactions to the policy shift including their views on the challenges and opportunities for achieving the stated goals.

To register: https://nyu.zoom.us/webinar/register/WN_4HiNCXAjQka_oWYIJ2sOKg

L.) June 9: Powering Forward - Environmental Justice & the Clean Energy Economy.

Wednesday, June 9
2:00 pm - 3:00 pm

Webinar

Environmental justice (EJ) has become a driving theme in the energy and climate discourse at the local, state, and federal level. The Biden Administration has made it a key consideration under the American Jobs Plan and it issued Executive Order 14008 in January that includes the Justice40 Initiative, the Environmental Justice Interagency Council, and the White House Environmental Justice Advisory Council.

From a clean energy perspective, there is a growing discussion regarding how to best understand, acknowledge, and address the wide-ranging societal dimensions of the clean energy transition — with EJ issues in mind.

In this webinar, panelists will seek to address questions such as:

- **What is EJ?
- **What does it mean to consult with EJ communities?
- **How is the Biden Administration addressing EJ policy and what will the impacts be related to clean energy deployment?
- **How do states approach EJ and are they coordinating their EJ policies with federal policy?
- **What are potential implications for getting it right and getting it wrong?

To register: <https://secure.everyaction.com/WRhMJgtDkUu6FCwG1DUUtg2>

<https://bcse.org/bcse-support-events/powering-forward-environmental-justice>

M.) June 9: Cyber Governance in the Civil Nuclear Industry.

Wednesday, June 9
4:00 PM - 5:45 PM

Virtual Event

Civil nuclear power plants across the globe face increasing risks and challenges in maintaining their security in light of pervasive cyber threats. Nuclear facilities are increasingly reliant on digital systems susceptible to attack, as highlighted by the high-profile Stuxnet worm in 2010 and the recent Natanz cyberattack on Iran's nuclear enrichment facility, among many others.

As cyberattacks become more and more common, by both state and non-state actors, there is a need to reach a consensus on how to mitigate the threats to civil nuclear facilities so as not to disrupt the future of the civil nuclear industry.

This panel discussion will explore the cybersecurity governance of nuclear facilities and will assess existing standards and guidelines, as well as innovative measures for governing the civil nuclear industry. The panel will address accountability, liability and responsibility in operating nuclear power plants, as well as the implications of new technologies (e.g., small modular reactors) and future threats on governance. Speakers will also address the role of insurance in incentivizing operators in the cybersecurity domain.

To register: <https://www.chathamhouse.org/events/all/research-event/cyber-governance-civil-nuclear-industry>

<https://linktank.com/event/cyber-governance-in-the-civil-nuclear-industry>

N.) June 10: The 6th Annual Central & Eastern European Energy Security Conference.

Thursday, June 10
8:00 AM

On-Line Event

Please join the Atlantic Council Global Energy Center for the 6th Annual Central and Eastern European Energy Security Conference. The Atlantic Council Central and Eastern European Energy Security Conference is the leading platform highlighting key energy and sustainability issues and opportunities in the region.

For the sixth edition of the conference, government and private sector leaders will discuss transatlantic cooperation on Central and Eastern European energy transition and post COVID-19 economic recovery, with a special focus on regional energy security.

This event is held in cooperation with the Polish Presidency of the Visegrád Group.

To register: <https://www.atlanticcouncil.org/event/the-6th-annual-cee/#event-registration>

<https://www.atlanticcouncil.org/event/the-6th-annual-cee>

O.) June 10: Substation Protective Relay Conversion from Analog to Digital Technology.

Thursday, June 10
11:00 am - 12:00 pm

On-Line Event

The use of modern microprocessor-based equipment with modern communications technologies fundamentally changes overall protection, control, and monitoring system design. The new design

concepts can significantly improve functionality, reliability, and continuity of service and reduce initial costs, maintenance costs, and ongoing operating costs.

Using advanced protection and control features available in modern programmable relays can improve power quality and continuity of service by reducing fault clearing times, improving selectivity, and providing better information for faster service restoration. Programmable logic available in modern relays can replace hardwired logic circuits and auxiliary relays, providing a much leaner and improved electrical panel design.

In this webinar, speakers will review the design objectives of the substation protection, control, and monitoring system and how the benefits of modern microprocessor-based devices contributed to Equatorial Energia's success as an industry leader. Equatorial Energia is a holding company investing in the Brazilian electric energy sector, with business in distribution, transmission, generation, and services segments, serving approximately 20 million people.

To register: https://us02web.zoom.us/webinar/register/WN_2VEVtCkrRO6ouhyTov6T0g

<https://usea.org/event/substation-protective-relay-conversion-analog-digital-technology>

P.) June 10: A Conversation with Los Angeles Chief Sustainability Officer Lauren Faber O'Connor.

Thursday, June 10
2:00 pm – 3:00 pm

On-Line Event

Join for a conversation between WCEE President Barbara Tyran and the Chief Sustainability Officer for the City of Los Angeles, Lauren Faber O'Connor.

Lauren is responsible for driving the implementation of LA's Green New Deal, a global model for local action to confront the climate crisis. She also works to build collaboration at the international level through C40, a network of 97 of the world's megacities chaired by Mayor Garcetti, and at the national level through Climate Mayors, an organization co-founded by Mayor Garcetti to demonstrate US leadership on climate change issues.

Before joining the Garcetti Administration, Lauren was West Coast Political Director for EDF in SF. Previously, she was appointed by Governor Schwarzenegger to Asst. Secretary for Climate Change Programs at the California Environmental Protection Agency, working on the design and implementation of landmark legislation, AB 32.

Prior to her arrival in California, Lauren was located in DC working at the British Embassy and at Lighthouse Consulting Group.

To register: <https://www.wcee.org/Login.aspx?optional=1&store=1&returl=%2fstore%2fRenewMembership.aspx>

<https://www.wcee.org/events/EventDetails.aspx?id=1506625&group=>

Q.) June 10: Rising Temperatures, Falling Ratings - The Effect of Climate Change on Sovereign Creditworthiness.

Thursday, June 10
3:00 PM

Virtual Event

Enthusiasm for 'greening the financial system' is welcome, but a fundamental challenge remains: financial decision makers lack the necessary information. It is not enough to know that climate change is bad. Markets need credible, digestible information on how climate change translates into material risks. To bridge the gap between climate science and real-world financial indicators, we simulate the effect of climate change on sovereign credit ratings for 108 countries, creating the world's first climate-adjusted sovereign credit rating.

Under various warming scenarios, we find evidence of climate-induced sovereign downgrades as early as 2030, increasing in intensity and across more countries over the century. We find strong evidence that stringent climate policy consistent with limiting warming to below 2oC, honoring the Paris Climate Agreement, and following RCP 2.6 could nearly eliminate the effect of climate change on ratings. In contrast, under higher emissions scenarios (i.e., RCP 8.5), 63 sovereigns experience climate-induced downgrades by 2030, with an average reduction of 1.02 notches, rising to 80 sovereigns facing an average downgrade of 2.48 notches by 2100.

We calculate the effect of climate-induced sovereign downgrades on the cost of corporate and sovereign debt. Across the sample, climate change could increase the annual interest payments on sovereign debt by \$22-33 billion under RCP 2.6, rising to \$137-205 billion under RCP 8.5. The additional cost to corporates is \$7.2-12.6 billion under RCP 2.6, and \$35.8-62.6 billion under RCP 8.5.

To register: <https://wiiw.ac.at/rising-temperatures-falling-ratings-the-effect-of-climate-change-on-sovereign-creditworthiness-online-event-e-518.html>

<https://linktank.com/event/rising-temperatures-falling-ratings-the-effect-of-climate-change-on-sovereign-creditworthiness-online-event>

R.) June 11: House Climate Crisis Committee Hearing on Building Climate Resilient Communities.

Friday, June 11
12:30 pm

Zoom Video Conference

The House Select Committee on the Climate Crisis will hold a hearing titled “Building Climate Resilient Communities.”

Featuring mayors of cities on the front lines of the climate crisis, this hearing will focus on how the federal government can help reduce climate disaster risks in neighborhoods across America, while

fostering innovation and community leadership. The hearing will also focus on how to expand access to the tools and resources needed to manage climate risks at the local level, with an eye on environmental justice and ensuring no community is left behind.

<https://climatecrisis.house.gov/committee-activity/hearings/building-climate-resilient-communities>

S.) June 11: Modernizing America’s Transmission Network.

Friday, June 11
12:00 pm - 1:30 pm

Online @ eesi.org/livecast

The Environmental and Energy Study Institute (EESI) invites you to join us for a briefing series about the climate benefits of modernizing the nation’s energy system.

As renewable energy infrastructure is scaled up across the country, moving that energy from where it is generated to the people who will use it is critical to meeting the country’s decarbonization goals. Investments in the transmission network will not only build demand for renewable energy use, but will also create jobs, increase the grid’s efficiency, and lower costs for consumers.

Panelists will discuss what is needed to modernize the transmission network, including developing transmission infrastructure for offshore wind and increasing cooperation between states. The briefing will also cover how the transmission network can be constructed and maintained to maximize ecosystem conservation, respect Tribal lands, and increase the resilience of neighboring communities.

To RSVP: <https://www.eesi.org/briefings/view/061121grid#rsvp>

<https://www.eesi.org/briefings/view/061121grid>

T.) June 11: Report Launch of “Shifting Gears - Geopolitics of the Global Energy Transition”.

Friday, June 11
1:00 PM – 2:00 PM

Virtual Event

Please join the Atlantic Council Global Energy Center for the launch of the new report “Shifting Gears: Geopolitics of the Global Energy Transition,” by Robert Johnston, Atlantic Council Global Energy Center Senior Fellow and Managing Director for Energy, Climate, and Resource at the Eurasia Group.

Driven largely by technological advancements and policies aimed at decarbonization, the prospect that oil demand will peak in the not-too-distant future has become a topic of debate in energy circles over the past several years. So-called “peak demand” would have significant geopolitical and geoeconomic consequences for oil-producing and importing nations alike.

Shifting Gears examines major geopolitical questions related to the prospect of a peak in oil demand that include the likely redistribution of oil market share between major producers; the potential for

failed states or material internal political instability in major oil-producing countries; and the geopolitical impact of peak demand on major oil-consuming nations.

The report launch will feature a panel discussion on the key takeaways from the report and a robust discussion of how to mitigate some of the geopolitical risks from peak demand while still rapidly decarbonizing the global economy to meet net-zero goals.

To register: <https://www.atlanticcouncil.org/event/report-launch-shifting-gears-geopolitics-of-the-global-energy-transition/#event-registration>

<https://www.atlanticcouncil.org/event/report-launch-shifting-gears-geopolitics-of-the-global-energy-transition>

U.) June 11: House Armed Services Committee Hearing on DoD’s FY’22 Energy & Environmental Programs.

Friday, June 11
3:00 pm

Virtual via WebEx

The House Armed Services Committee’s Subcommittee on Readiness will convene a hearing entitled “Fiscal Year 2022 Budget Request for Military Construction, Energy, and Environmental Programs”

Witnesses:

**Mr. Paul D. Cramer, Performing the Duties of the Assistant Secretary of Defense for Sustainment, Office of the Assistant Secretary of Defense

**Mr. Jack Surash, Acting Assistant Secretary of the Army, Installations, Environment and Energy, Department of the Army

**Mr. Todd Schafer, Acting Assistant Secretary of the Navy, Installations, Environment and Energy, Department of the Navy

**Ms. Jennifer L. Miller, Acting Assistant Secretary of the Air Force, Installations, Environment and Energy, Department of the Air Force

<https://armedservices.house.gov/hearings?ID=DFE6B659-93CB-46C9-AD81-A175D90A7FB2>

V.) June 14: The Role of Natural Gas in a Decarbonized World – Regional Insights.

Monday, June 14
9:00 AM

On-Line Event

Please join the Atlantic Council Global Energy Center and the Energy Futures Initiative (EFI) for the launch of EFI’s Role of Natural Gas in a Decarbonized World – Regional Insights report on the role of natural gas in a decarbonized world, featuring perspectives from various regions.

Former US Secretary of Energy Ernest Moniz, president and chief executive officer of EFI and Atlantic Council International Advisory Board member, will offer opening remarks, and the event will feature a presentation on the findings of the report and two expert panel discussions.

EFI held eight workshops with experts and stakeholders from key regions across the world to explore the role of natural gas in the transition to low- and zero-carbon energy systems in those regions and globally. The Role of Natural Gas in a Decarbonized World – Regional Insights study is the result of this effort. It explores a range of issues in the context of global and regional energy policy, climate policy, trade, investment options, and geopolitical and energy security implications.

As the world accelerates along the path to deep decarbonization, the role of natural gas in the transition to low- and zero-carbon energy systems is evolving and varies from region to region. Even as countries look to transition to clean energy sources, natural gas could play a key role in fuel switching, reducing the carbon intensity of hard-to-abate industrial sectors, and serving as a complement to variable renewables if paired with decarbonizing technologies or pathways such as carbon capture and blue hydrogen.

This launch event will share key findings from the report, providing regional and cross-cutting insights and a forum for panelists and participants to discuss the roles that natural gas might play in the context of regional complexities, energy priorities, economic development trajectories, decarbonization goals and commitments, and the future of investments in supply and infrastructure, particularly in emerging economies.

To register: <https://www.atlanticcouncil.org/event/role-of-natural-gas-in-a-decarbonized-world/#event-registration>

<https://www.atlanticcouncil.org/event/role-of-natural-gas-in-a-decarbonized-world>

W.) June 14: Bolstering Africa’s Green Transitions - The Role of an African-European Partnership.

Monday, June 14
9:00 AM - 10:30 AM

Online only

Global shocks such as climate change and the COVID-19 pandemic are laying bare the fragility and vulnerability of social and economic systems across the world, reinforcing the need to prepare for future shocks. Such events are timely reminders that Africa must create more resilient economies and societies. One important policy choice is the acceleration of a green transition that combines opportunities for economic growth, job creation, and improvements in livelihoods. However, as with any transition, risks and cost implications create barriers to adoption.

Africa is the most-exposed region to the adverse effects of climate change despite contributing the least to the problem. Increasingly numerous climate-related disasters—including droughts, cyclones, floods, and food insecurity—provide compelling narratives for growth along a low-carbon resilient trajectory. Climate change is a global problem that requires a global solution: Already, European leaders, under the European Green Deal, are implementing policies to curb their region’s carbon contributions. Now is the right time for those policymakers to share their lessons learned to support Africa’s green transition

while also bolstering commercial and diplomatic ties.

To celebrate Africa Climate week, the Brookings Africa Growth Initiative and the United Nations University's Institute for Natural Resources in Africa (UNU-INRA) will co-host the launch of two key publications: the discussion paper "Bridges of Opportunity: Partnering for Africa-Europe Green Development" and the briefing note "Building Forward Better Towards Africa's Green Transformation: Prospects for Africa-Europe Collaboration." The discussion will feature prominent experts and policymakers to explore the challenges of pursuing a green transition for Africa and opportunities to encourage such a transition under a strengthened African-European partnership. Panelists will offer insights on regional trends and provide recommendations highlighted in the reports for national governments, regional organizations, multilateral institutions, the private sector, and civil society actors as the continent tackles climate change.

After the program, the panelists will take audience questions.

To RSVP: <https://connect.brookings.edu/register-to-watch-africa-green-transitions-african-european-partnership>

<https://www.brookings.edu/events/bolstering-africas-green-transitions-the-role-of-an-african-european-partnership>

X.) June 15: Waste-to-Energy & Other Forms of Sustainable Infrastructure.

Tuesday, June 15
2:00 PM - 3:00 PM

On-Line Event

This Women of Renewable Industries and Sustainable Energy (WRISE) webinar will focus on sustainable technologies beyond wind, solar, and storage. We will learn about using animal waste to create renewable natural gas utilizing anaerobic digesters, plastic recycling and renewal technologies, and other infrastructure-adjacent carbon reduction projects. Our panelists will provide the perspectives of a developer, an investor, an investment banker, and a major oil & gas company moving into renewable technologies.

Moderator:

**Zeina El-Azzi, Senior Vice President and Chief Development Officer - Brightmark Energy

Speakers:

**Danielle Lincoln, General Manager, Renewables - Chevron

**Sarah Nash, Director - Marathon Capital

**Nam Tran Nguyen, Chief Operating Officer - Generate Capital

To register: <https://register.gotowebinar.com/register/3461581877683546638?source=Calendar>

Y.) June 16: Local Government High-Impact Pathways to Zero Emissions.

Wednesday, June 16
11:00 am – 12:00 noon

On-Line Event

According to leading climate scientists, the world must cut emissions by 50% by 2030 and achieve zero emissions by 2050 at the latest. The Race to Zero is a global campaign to rally leadership and support from cities, regions, and other stakeholders for a healthy, resilient, zero-carbon recovery.

The Cities Race to Zero (CRTZ) urges cities to join the movement. Cities in the CRTZ pledge to reach zero emissions by 2050 and set an interim 2030 target. They then must plan at least one high-impact action to achieve these commitments, proceed with these actions, and publish their progress.

ICLEI USA's analysis of nearly one hundred city and county greenhouse gas emissions inventories shows that it is possible to reach aggressive 2030 science-based targets. The presentation will introduce this preliminary analysis and preview the renewable energy high-impact action pathway, one of the pathways ICLEI USA is developing for its members in the Race to Zero and ICLEI150.

The ICLEI150 is both a group of ICLEI USA members joining the Cities Race to Zero and a work plan to accelerate ICLEI USA members' progress towards zero emissions.

To register: https://us02web.zoom.us/webinar/register/WN_xt0OEN_0TEuF6lea5jiDZw

<https://icleiusa.org/event/local-government-high-impact-pathways-to-zero-emissions/>

Z.) June 16: Transportation of Carbon Dioxide & Hydrogen & Its Potential Regulation - The Forgotten Issue.

Wednesday, June 16
12:00 PM - 1:00 PM

On-Line Event

In the green and greener economy, both carbon capture and sequestration and the extensive use of hydrogen in formerly natural gas applications are important subjects, albeit with a lot of issues.

Most focus has seemed to be on the technologies of extracting and storing carbon dioxide and producing hydrogen.

There has been little focus on the newly long-distance transportation of both, and—now that they will have a consumer impact—the economic regulation of that transportation.

This session will explore the order of magnitude of the facilities involved and the potential paths interstate regulation might take.

Speaker:

****Rick Smead is Managing Director of Advisory Services for RBN Energy LLC**

Free for NCAC members; \$35 for non-members.

To register: <https://www.ncac-usaee.org/event-4310543/Registration>

<https://www.ncac-usaee.org/event-4310543?CalendarViewType=1&SelectedDate=6/7/2021>

i.) June 16: Climate Change & the Roles for Ecosystem Restoration.

Wednesday, June 16

1:00 PM – 2:00 PM

On-Line Event

Four professors from American University's School of International Service (SIS) will discuss the issues of climate change and the roles for ecosystem restoration in climate mitigation and ecosystem resiliency. A Q&A with the audience will follow the discussion.

Speakers:

**Ken Conca

**Judith Shapiro

**Paul Wapner

**Simon Nicholson (moderator)

<https://www.eventbrite.com/e/climate-change-and-the-roles-for-ecosystem-restoration-tickets-157234824593>

ii.) June 17: Financing the Future - The Economics of Climate Transition.

Thursday, June 17

9:00 AM

On-Line Event

Please join the Atlantic Council's GeoEconomics Center for a panel discussion on the role central banks, finance ministries, other government institutions, and the private sector should play in accelerating economic transitions in response to climate change. The panel will feature Jake Levine, the Chief Climate Officer at the US International Development Finance Corporation, Kara Mangone, Global Head of Climate Strategy at Goldman Sachs, and Barbara Matthews, Founder and CEO of BCMstrategy and a Nonresident Senior Fellow with the Atlantic Council. The conversation will be moderated by Ryan Heath, Senior Editor of POLITICO.

The economic and financial consequences of the climate transition are potentially as disruptive as climate change itself. Finding ways to define, measure, and manage its risks raises deep questions about the role of private markets and the official sector in those markets. With this panel, the GeoEconomics Center hopes to analyze the intense climate finance discussions currently underway inside central banks and financial regulators and the implications for how the climate transition will impact issuers of securities and regulated financial institutions.

Speakers:

**Jake Levine, Chief Climate Officer, The US International Development Finance Corporation

**Kara Mangone, Global Head of Climate Strategy, Goldman Sachs

**Barbara Matthews, Founder and CEO, BCMstrategy, Nonresident Senior Fellow, GeoEconomics Center, Atlantic Council

Moderated by:

**Ryan Heath, Senior Editor, POLITICO

To register: <https://www.atlanticcouncil.org/event/financing-the-future-the-economics-of-climate-transition/#event-registration>

<https://www.atlanticcouncil.org/event/financing-the-future-the-economics-of-climate-transition/>

iii.) June 17: Environmental Justice - Climate Impacts, Adaptation & Resilience.

Thursday, June 17

11:00 a.m. – 12:00 noon

On-Line Event

Join Resources for the Future (RFF) and the Urban Institute for a webinar on environmental justice. Who stands to win—or lose—as a result of climate change? The impacts of temperature increases, sea level rise, and extreme weather events often hit low-income neighborhoods and communities of color particularly hard. Government policies can exacerbate these problems because investments in hazard mitigation and the disbursement of disaster aid often disproportionately benefit wealthier households and neighborhoods. This panel will discuss research in this area, grassroots advocacy, and policy challenges and solutions.

Speakers:

**Sonal Jessel, WE ACT for Environmental Justice

**Carolyn Kousky, Wharton Risk and Decision Processes Center, University of Pennsylvania

**Earthea Nance, Barbara Jordan-Mickey Leland School of Public Affairs, Texas Southern University

**Eric Tate, Department of Geographical and Sustainability Sciences, University of Iowa

**Carlos Martín, Urban Institute (moderator)

**Margaret Walls, Resources for the Future (moderator)

To RSVP: https://us02web.zoom.us/webinar/register/WN_gVSOK_i_Qfqm8QRBSFCV9A

<https://www.rff.org/events/environmental-justice-series/climate-impacts-adaptation-and-resilience>

iv.) June 17: The Social Cost of Carbon.

Thursday, June 17

12:00 pm - 1:30 pm

Webinar Only

As part of its new climate change policy, the Biden Administration reinstated the social cost of carbon (SCC) as a tool to inform federal regulatory decision-making with climate change impacts in first-day Executive Order 13990. The social cost of carbon (SCC) is an estimate of the economic damages that occur from emitting one additional ton of carbon into the atmosphere. Following the mandate of a 2008 federal court ruling, it was included in the required analysis of costs and benefits for federal regulatory review of major rules with climate impacts; however, the Trump Administration removed the requirement.

EO 13990 mandated an interagency process to provide an estimate of the SCC that reflects the “best available science” by January 2022. It also posed a number of important questions to consider. How can the measure take into account climate risks, environmental justice, and intergenerational equity? In addition to regulatory review, should the SCC be used in other applications? How should it be updated to take into account the best available science as it evolves?

Join the Environmental Law Institute and leading experts as they explore the key elements of the social cost of carbon, including: what is at stake with regulatory, and potential other, uses of the social cost of carbon? How should risks, distributional and intergenerational impacts be taken into account? What updating process should be used to ensure incorporation of the best possible science?

Panelists:

**Carol Adaire Jones, Ph.D., Visiting Scholar, Environmental Law Institute, Moderator

**Rachel Cleetus, Ph.D., Policy Director and Lead Economist, Climate and Energy Program, Union of Concerned Scientists

**Richard Newell, Ph.D., President and CEO, Resources for the Future

**Ann Wolverton, Ph.D., Senior Research Economist, US Environmental Protection Agency (EPA)

To register: <https://www.eli.org/civicrm/event/info?reset=1&id=979>

<https://www.eli.org/events/environmental-law-finance-series-social-cost-carbon>

v.) June 18: Leveraging Grid Edge Integration for Resilience & Decarbonization.

Friday, June 18

12:00 pm - 1:30 pm

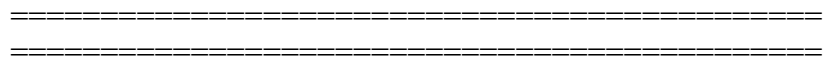
Online @ [eesi.org/livecast](https://www.eesi.org/livecast)

The energy system is rapidly transforming, especially at the “grid edge” where “smart” building technologies, electric vehicles, and distributed energy generation combine and interact in new ways. These innovations provide opportunities to re-envision the nation’s energy system and how we use, store, and move energy around the country.

They also create new ways to increase the resilience of people, communities, and the system itself without increasing greenhouse gas emissions. Briefing panelists will discuss policy opportunities such as a federal energy efficiency resource standard, state level efforts, and the nexus between buildings, transportation, energy storage, and the grid.

To register: <https://www.eesi.org/briefings/view/061821grid#rsvp>

<https://www.eesi.org/briefings/view/061821grid>

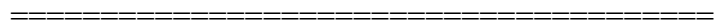


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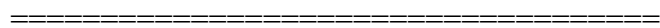
The SUN DAY Campaign is a non-profit research and educational organization founded in 1992 to support a rapid transition to 100% reliance on renewable energy sources and energy efficiency as cost-effective alternatives to nuclear power and fossil fuels and as a strategy for addressing climate change.

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!



- * 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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