

**7 May 2021**

Hello, Climate & Security Network Members.

Here are some updates for this week and events coming up.

Feel free to send me updates and I'll include them in the weekly update or send them directly to the group.

Have a great weekend,

Kristen

### **PUBLICATIONS/REPORTS**

- The Center for Climate and Security has released [Security Highlights from the Leaders Summit on Climate](#).
- NOAA has released the [April 2021 U.S. Climate Report](#).

### **VIDEOS**

- The Naval War College hosted an evening Lecture on Climate Change and National Security by Commander Andrea Cameron. [Video available here](#).
- Atlantic Council Climate Summit Events  
Surrounding President Biden's April 22–23 Leaders Summit on Climate, the Atlantic Council presented the [Raising Ambitions event series](#). The series focused on the climate goals that the Biden Administration has set, and it highlighted key technologies that can help reach these goals, sectoral approaches to decarbonization, and heightened country commitments to climate action. Videos include US and international perspectives.
- Sponsored by the University of Washington Center for Environmental Politics' Duck Family Colloquium Series, Professor Robert Keohane, Emeritus Professor of International Affairs at Princeton, presented a talk titled, "The Paris Agreement, The Biden Climate Plan, and New Prospects for Climate Progress" on May 3. [View Video](#)

### **EVENTS**

- *Arctic Climate Change: Can it be Measured with Acoustics?*  
Thursday, 13 May 2021, 1:00 – 2:30 pm PT  
Presented by Matthew Dzieciuch, Scripps Institution of Oceanography  
Dr. Dzieciuch is a Researcher at the Institute of Geophysics and Planetary Physics in the Scripps Institution of Oceanography, University of California, San Diego. He has carried out research in a number of areas involving ocean acoustic tomography and signal processing, specifically in understanding low-frequency sound propagation in the ocean, used to monitor ocean temperatures and currents on scales that are important for understanding climate change. [Register here](#)
- Environmental and Energy Study Institute (EESI) Briefing

[Ambition and Opportunity in America's New Climate Commitments: U.S. Pledges to Reduce Emissions More Than 50% by 2030](#)

12 May 2021

2:00 pm - 3:30 pm ET/10:00 – 12:30 PT

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

- EPA Center for Corporate Climate Leadership  
Webinar: Key Steps in the GHG Inventory Development Process  
19 May 2021, 2 – 3 pm ET/11 – Noon PT  
[Register here](#)  
Speakers: Melissa Klein, Lead, Center for Corporate Climate Leadership, EPA; Jessie Curry, Manager, Sustainable Business Innovation, Outdoor Industry Association (OIA); Katie Eisenbrown, Project Director, Sustainability, Energy and Climate Change, WSP USA
- The National Academies of Sciences Government-University-Industry Research Roundtable (GUIRR) is hosting a series of five short virtual meetings under the theme: Supporting New Climate Approaches with Science and Technology Collaboration and Partnership.

The State of U.S. Climate Science and Research Infrastructure

June 15, 2pm-3:30pm ET

[Register here](#)

Developments in the Clean Energy Transition

June 23, 11am-12:30pm ET

[Register here](#)

Technologies for Decarbonization

June 30, 2-3:30pm ET

[Register here](#)

The Social Cost of Carbon and Developing a Carbon Market

July 14, 2-3:30pm ET

[Register here](#)

Climate Impacts on Health, Equity, and Security

July 22, 11am-12:30pm ET

[Register here](#)

**14 May 2021**

Hello, Climate & Security Network Members.

Here are some updates for this week and events coming up.

Feel free to send me updates and I'll include them in the weekly update or send them directly to the group.

Also, many thanks to those who participated in the Planning Team call today!

Have a great weekend,

Kristen

### **Opportunities**

- OSD is seeking and consolidating subject matter expert comments on the second-order draft **Summary for Policymakers (SPM) of the Working Group I contribution to the IPCC Sixth Assessment Report (AR6)**. Submissions are due by COB Wednesday, May 19. Email [kristen.fletcher@nps.edu](mailto:kristen.fletcher@nps.edu) for more information.
- **Post-Doctoral Scholar Opportunity:** The [NPS Center for Infrastructure Defense](#) is currently hiring a post doctoral scholar in military installation climate resilience. The CID in collaboration with the Energy Academic Group ([EAG](#)) are leading efforts to assess and improve the resilience of US military installations and surrounding communities to climate change related disasters. The scholar will support modeling, analysis, and outreach efforts to improve installation resilience and climate literacy across the US and DoD. The position is coordinated through the Oak Ridge Institute for Science and Engineering (ORISE) program. Please visit the [ORISE job opportunity page](#) for details.
- **[Climate Change: Impacts and Responses Research Network](#):** Founded in 2009, the Climate Change: Impacts & Responses Research Network is brought together by a common concern for the science of, and social responses to, climate change. [Become a member](#).

### **PUBLICATIONS/REPORTS/RESOURCES**

- **[Melting Mountains, Mounting Tensions: Climate Change and the India-China Rivalry](#):** This is the first of a series of case studies integrating security analysis of instability and conflict involving nuclear-armed states with cutting-edge climate science. The outcome of a novel collaboration between the [Converging Risks Lab](#) of the [Council](#)

[on Strategic Risks](#) and the [Woodwell Climate Research Center](#), the case studies aim to raise awareness and flag the urgency of converging climate and nuclear risks at a time when the global security landscape is becoming more complex.

- [NCEI's Global Annual Temperature Rankings Outlook](#): The global temperature for April 2021 was the ninth highest for the month of April in the 142-year NOAA record, which dates back to 1880. The year-to-date (January-April) global surface temperature was the eighth highest on record.
- The federal [Climate Change and Water Working Group](#) (CCAWWG) is working with the University Corporation for Atmospheric Research COMET Program and NOAA-RISA Western Water Assessment to develop a new COMET Professional Development Series, "Assessing Natural Systems Impacts under Climate Change." Resources are available [here](#).

## NEWS

- [Biden-Harris Administration Approves First Major Offshore Wind Project in U.S. Waters](#) (Department of the Interior Press Release)

## EVENTS

- [Interagency Arctic Research Policy Committee Webinar](#)  
**17 May 2021, 2 – 3 pm ET/11 – Noon PT**  
The IARPC has [released a draft](#) of the next five-year Arctic Research Plan, which will span from 2022-2026. To provide additional information about the draft plan contents and development, the Committee is offering a series of one-hour information sessions. The next webinar will focus on Priority Area 4 - Risk Management & Hazard Mitigation.
- [Drought Update and Wildfire Outlook Webinar for California and the Southwest](#)  
**24 May 2021, 11:00 – Noon PT**  
The Drought Update and Wildfire Outlook Webinar for California and the Southwest is designed to provide stakeholders and other interested parties in the region with timely information on the current drought status and outlook and wildland fire potential outlook. This webinar is a special joint region webinar, combining the California-Nevada Drought Early Warning System Drought & Climate Outlook Webinar Series and Southwest Drought Briefings, which are produced by the Intermountain West Drought Early Warning System and the USDA Southwest Climate Hub.
- [GEOINT and Climate Change](#)  
**2 June 2021, 1:00 PM ET/10:00 AM PT**  
Climate change presents challenges but also opportunities for the Geospatial Intelligence (GEOINT) community which can play a critical role in future efforts to address it.

GEOINT can help to better monitor and understand climate change and to provide well integrated, accurate, and timely data, technologies, human insight, and methodologies to better predict crises and build problem specific solutions. Topics to be covered include climate change impacts on the frequency, scale, and complexity of future defense and intelligence missions, current and future efforts to tackle it, and ways the GEOINT community can leverage its tradecraft and tools to move from data to empirically formed decisions on climate change.

- **World War E: How the World is Fighting for Environmental Security Environmental Security Summit 2021**  
**SAVE THE DATE: 15-16 September 2021 (11 – 3 pm ET each day/8 am – Noon PT)**  
The event will be unclassified over WebEx on 15 September and classified on 16 September 2021 over secret phone teleconference. More information to come on registration and the agenda. *Note: For those at NPS, Kristen Fletcher will secure a space for the 16 September classified event. Registration is required for both days. Stay tuned for details.*

**21 May 2021**

Hello, NPS Climate & Security Network Members.

Here are some updates for this week and events coming up.

This week's list starts off with a news article on CSN Member and NPS Student Lt. Monica Killoran. Great work, Lt Killoran!

Have a great weekend,

Kristen

Kristen M Fletcher  
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[Energy Academic Group](#)  
[NPS Climate & Security Network](#)  
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## NEWS

- [\*\*NPS Student Uses Multidisciplinary Approach to Study Sea Level Rise at Navy Installation\*\*](#)
  - *Features CSN Member Lt. Monica Killoran*
  - *Learn more about her research on the CSN webpage [here](#).*
- [\*\*Pentagon Looks To Incorporate 'Climate Resilience' Into Future Weapon Systems\*\*](#)  
National Defense Magazine
- An article about the climate-focused **Elliptic Thunder TTX** came out this week:  
[DoD Exercise Highlights Need to Address Climate Change, Its Impacts](#)  
[View article on DoD Spotlight: Tackling the Climate Crisis](#)
- [\*\*ICRC and IFRC adopt the Climate and Environment Charter for Humanitarian Organizations\*\*](#)  
The Charter is now open for signature. It intends to galvanize and steer collective action in response to the impacts of climate and environmental crises.
- [\*\*The Prospects for US-Russia Climate Engagement Under Moscow's Chairing of the Arctic Council\*\*](#)  
Harvard Kennedy School/Belfer Center for Science and International Affairs

## OPPORTUNITIES

- **The Climate and Security Advisory Group** is now accepting applications for the [2021-2022 Climate and Security Fellowship Program](#). The program connects prospective future leaders with established climate security experts through a year-long mentorship program. The deadline for submission is June 25, 2021. The fellowship begins in September 2021.
- The [DoD Minerva Research Initiative Federal Opportunity Announcement \(FOA\)](#) was issued recently (*see attachment*). This program enables critical basic science (6.1) research (mostly from university-based scientists) on social dynamics; interdependence between social, natural, and physical systems; new models of humans in complex systems; geopolitical dynamics; cultural analyses; among other topics. See Page 29 on the attached FOA for topic descriptions and relevant POCs. This year's topics are:
  - Topic 1: Social Implications of Environmental Change
  - Topic 2: Resource Competition, Social Cohesion, and Strategic Climate Resilience
  - Topic 3: Security Risks in Ungoverned, Semi-Governed, and Differently-Governed Spaces
  - Topic 4: Analysis of Foreign Influence Operations in Cross-Cultural Perspective
  - Topic 5: Community Studies on Online and Offline Influence
  - Topic 6: Computational Social Science Research on Difficult-to-Access Environments
  - Topic 7: Social and Cultural Implications of Artificial Intelligence
  - Topic 8: Humans and Outer Space
  - Topic 9: Management and Information in the Defense Environment

## PUBLICATIONS/REPORTS/RESOURCES

- [Ahead of Arctic Council Meeting, New “Story Map” Analysis Outlines Mounting Climate Change Risks to Arctic Security](#)
  - Link to Story Map Analysis: [Temperatures and Tensions Rise](#)
- [DOD Climate Website: Tackling the Climate Crisis](#)
- [DON Website: Energy, Environment and Climate Change](#) (*note: some broken links on this page*)

## EVENTS

- **IARPC: [May Marine Ecosystems Collaboration Team Meeting](#)**  
26 May 2021, 2 -3 PM ET/11-Noon PT [Meeting Zoom Link](#)  
This meeting will give updates and opportunities for discussion on international Arctic survey efforts, with guest speakers giving talks on:
  - Update on the Joint Ocean Ice Study - Bill Williams (Fisheries and Oceans Canada)

- Brief update on Synoptic Arctic Survey 2021 and MOSAiC Projects - Carin Ashjian (Woods Hole Oceanographic Institute)
- Update on the DBO and Pacific Arctic Group ASSW21 activities, Jackie Grebmeier, University of Maryland Center for Environmental Science
- **[NPS Climate & Security Speaker Series: Advancing Arctic Research](#)**  
3 June 2021, Noon – 1 pm PT [Register to receive Zoom Link.](#)  
In the third session of the Climate and Security Speaker Series, Dr. Julia Nesheiwat of the U.S. Arctic Research Commission will share the role of the Commission in Arctic research and policy and perspectives on the national security implications of a changing Arctic. NPS Faculty members CDR (ret) John Joseph and Dr. Wieslaw Maslowski of the Oceanography Department will share NPS expertise including Navy relevant observations during the recent Ice Exercises (ICEXs) and Arctic System Modeling and Predictive Capability. *Event flyer is attached.*
- **[West Coast Ocean Alliance Stakeholder Forum](#)**  
17 June 2021, 10 am - Noon PT  
The stakeholder forum is an opportunity to hear directly from those working on a range of topics relevant to general ocean management, policy and planning on the U.S. West Coast, with [West Coast Ocean Alliance](#) members (federal, tribal and state leadership & staff) in attendance. Presentations may focus on ocean science, policy, data, tribal affairs, ocean planning, new ocean uses, stakeholder engagement, or similar.



**27 May 2021**

Hello, Climate & Security Network Members.

Here are some updates for this week and events coming up.

Have a great weekend,

Kristen

## **Opportunities**

**\*\*Several NPS faculty members are part of the first two networks listed - ESWG and RECESS. Reach out to me if you'd like more information or to talk with one of the NPS community who participate. The groups do not have an online presence.\*\***

- **The Environmental Security Working Group (ESWG)** is a grassroots organization and network operating under the sponsorship of the U.S. Civil Applications Committee, National Intelligence University, and National Intelligence Council Strategic Futures Group that promotes the provision, collaboration and coordination of environmental security-related intelligence and information between the intelligence, government and academic communities. ESWG Membership is limited to authorized government, military, and contractor personnel. Join the ESWG [Pix Portal](#) to learn more or email [ESWG\\_Leadership@nga.mil](mailto:ESWG_Leadership@nga.mil).
- **Resource Competition, Environmental Security, and Stability DOD Working Group (RECESS)** brings together more than 100 civilians and military officers from Office of the Secretary of Defense, the Military Services, the Joint Staff, the Combatant Commands, and other DoD Components. RECESS informs policy and strategy, breaks down silos, coordinates messaging, and promotes cooperation on environmental security and stability across DoD. RECESS also serves as a bridge to the Intelligence Community and key stakeholders in other U.S. Government departments and agencies, academia, think tanks, non-governmental organizations, and international organizations. Bringing together the talent, diverse perspectives, and knowledge of these communities can help to ensure that DoD has the necessary information, context, and insights to prepare for the growing security risks of global environmental change and instability. For more information, contact [kristen.fletcher@nps.edu](mailto:kristen.fletcher@nps.edu).
- The [DoD Minerva Research Initiative Federal Opportunity Announcement \(FOA\)](#) was issued recently. This program enables critical basic science (6.1) research (mostly from university-based scientists) on social dynamics; interdependence between social, natural, and physical systems; new models of humans in complex systems; geopolitical

dynamics; cultural analyses; among other topics. It is a program that encourages multidisciplinary teams of scientists. See Page 29 on the attached FOA for topic descriptions and relevant POCs. This year's topics are:

- Topic 1: Social Implications of Environmental Change
- Topic 2: Resource Competition, Social Cohesion, and Strategic Climate Resilience
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- Topic 8: Humans and Outer Space
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## **PUBLICATIONS/REPORTS/RESOURCES**

- [\*\*Ahead of Arctic Council Meeting, New “Story Map” Analysis Outlines Mounting Climate Change Risks to Arctic Security\*\*](#)
  - Link to Story Map Analysis: [Temperatures and Tensions Rise](#)
- DoD has a number of online resources related to climate change.
  - [DOD Climate Website: Tackling the Climate Crisis](#)
  - [DON Energy, Environment and Climate Change](#) (note: broken links on this page)

## **NEWS**

- [\*\*Pentagon Looks To Incorporate ‘Climate Resilience’ Into Future Weapon Systems\*\*](#)  
National Defense Magazine, 19 May 2021
- Several articles about the March climate-focused **Elliptic Thunder Tabletop Exercise (TTX)** came out this week:  
[DoD Exercise Highlights Need to Address Climate Change, Its Impacts](#)  
[View article on DoD Spotlight: Tackling the Climate Crisis](#)

## **EVENTS**

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  - Update on the DBO and Pacific Arctic Group ASSW21 activities, Jackie Grebmeier, University of Maryland Center for Environmental Science

- **[West Coast Ocean Alliance Stakeholder Forum](#)**

17 June 2021, 10 am-Noon PT

The stakeholder forum is an opportunity to hear directly from those working on a range of topics relevant to general ocean management, policy and planning on the U.S. West Coast, with [West Coast Ocean Alliance](#) members (federal, tribal and state leadership & staff) in attendance. Presentations may focus on ocean science, policy, data, tribal affairs, ocean planning, new ocean uses, stakeholder engagement, or similar.

**4 June 2021**

Hello, Climate & Security Network Members.

Thanks to those who participated in yesterday's Advancing Arctic Research panel. If you missed it, the video is posted [here](#).

Below are updates for this week and events coming up, beginning with a special section on the President's budget. Feel free to forward information for inclusion in the weekly update.

Have a great weekend,

Kristen

#### **NEWS: PRESIDENT'S BUDGET**

- [\*\*Combating Climate Change Factors Into Defense Budget Request\*\*](#)  
DOD News, 2 June 2021
- [\*\*Initial Reactions to the Biden Budget: Takes Systemic Security Risks Seriously, But More is Needed\*\*](#)  
Center for Climate & Security, 28 May 2021
- [\*\*Statement by BOEM Director Amanda Lefton on the President's Fiscal Year 2022 Budget\*\*](#)  
Bureau of Energy Management, 28 May 2021
- [\*\*Climate Security: A Tale of Two Defense Hearings\*\*](#)  
Center for Climate & Security, 3 June 2021

#### **OTHER NEWS**

- [\*\*Departments of Energy and Homeland Security to Collaborate on Climate Mitigation at Federal Facilities\*\*](#)  
Energy.gov, 27 May 2021
- [\*\*Climate change among shipping's top security threats\*\*](#)  
Lloyd's List, 28 May 2021

#### **EVENTS**

- [\*\*US DOE: Electrifying Our Buildings: Challenges and Solutions\*\*](#)  
8 June 2021, 3 – 4 pm ET/12 – 1 pm PT  
The move to clean energy and renewable sources of power is driving a move to electrification in the building stock. This panel discussion will explore options available

today and different approaches to meet carbon goals, featuring building owners and design teams that are leading the market to achieve electrification goals.

- **[Report Launch – Shifting Gears: Geopolitics of the Global Energy Transition](#)**  
11 June 2021, 1 – 2 pm ET/10 – 11 am PT [Registration Link](#)  
Offered by the Atlantic Council Global Energy Center, 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.
- **[House Hearing: Building Climate Resilient Communities](#)**  
11 June 2021, 12:30 pm ET/9:30 am PT  
Held by the House Select Committee on the Climate Crisis, the hearing will feature mayors of cities on the front lines of the climate crisis and focus on how the federal government can help reduce climate disaster risks in neighborhoods across America. This hearing will take place remotely via Zoom and will be broadcast live [here](#).
- **[Resilient Infrastructure + Secure Energy Consortium: Addressing Energy Security and the Climate Crisis](#)**  
15 June 2021, 1 – 3 pm ET/10 am – 12 pm PT [Registration Link](#)  
The event will unpack how industry and the federal government can work together to reimagine how energy is used, generated, transported, and stored; how to build efficient, modern, resilient infrastructure; and how to scale innovative technologies to accelerate energy security and infrastructure modernization.
- **[Program Manager Chat: Department of Energy Arctic Energy Office](#)**  
30 June 2021, 12 – 1 pm ET/9 – 10 am PT  
The Department of Energy's [Arctic Energy Office](#) leads cross-cutting operations in the Arctic with a mission to tackle 21st century energy, science, and national security challenges. The webinar will highlight the office's mission, leadership, and partnerships, as well as opportunities for the research community to collaborate with the office. Pre-registration is not required for this webinar.

**11 June 2021**

Hello, Climate & Security Network Members.

Below are updates for this week and events coming up. Feel free to forward information for inclusion in the weekly update – and thanks to those members how have sent in information!

Have a great weekend,

Kristen

## NEWS

- [\*\*DOD Announces Center to Collaborate on, Advance Shared Interests in Arctic Region\*\*](#)  
DOD News, 9 June 2021
- [\*\*U.S. Leaders See NATO Summit as Means to Strengthen Trans-Atlantic Ties\*\*](#)  
DOD News, 7 June 2021

## EVENTS

- [\*\*Resilient Infrastructure + Secure Energy Consortium: Addressing Energy Security and the Climate Crisis\*\*](#)  
16 June 2021, 1 – 3 pm ET/10 am – 12 pm PT [Registration Link](#)  
The event will unpack how industry and the federal government can work together to reimagine how energy is used, generated, transported, and stored; how to build efficient, modern, resilient infrastructure; and how to scale innovative technologies to accelerate energy security and infrastructure modernization.
- [\*\*Climate Conversations: Infrastructure\*\*](#)  
17 June 2021, 3:00 – 4:00 pm ET [Registration Link](#)  
Sponsored by the National Academies of Sciences, Engineering, and Medicine, the conversation will focus on the role of infrastructure and engineering in building a climate resilient future. [Climate Conversations: Pathways to Action](#) is a new monthly webinar series from the National Academies of Sciences, Engineering, and Medicine that aims to convene high-level, cross-cutting, nonpartisan conversations about issues relevant to national policy action on climate change.
- [\*\*Program Manager Chat: Department of Energy Arctic Energy Office\*\*](#)  
30 June 2021, 12 – 1 pm ET/9 – 10 am PT  
The Department of Energy's [Arctic Energy Office](#) leads cross-cutting operations in the Arctic with a mission to tackle 21st century energy, science, and national security challenges. The webinar will highlight the office's mission, leadership, and partnerships,

as well as opportunities for the research community to collaborate with the office. Pre-registration is not required for this webinar.

## REPORTS, PUBLICATIONS & OTHER RESOURCES

- The Expert Group of the International Military Council on Climate and Security released its 2<sup>nd</sup> Annual [World Climate and Security Report](#) issued on 7 June 2021, warning of the compound security threats posed by the convergence of climate change with other global risks.
  - Read the World Climate and Security Report [here](#).
  - Read the 2-page “Key Risks and Opportunities” summary from the report [here](#).
- [Environmental and Energy Study Institute \(EESI\)](#) provides a legislative tracker every 2 weeks that lists the environmental and energy bills introduced and passed by Congress, as well as the relevant hearings held by committees. View recent Congressional Round-up releases and subscribe [here](#).
- NOAA released the [May 2021 U.S. Climate report](#). Other NOAA resources include:
  - U.S. Climate Report Summary for 2020: <https://ncei.noaa.gov/news/national-climate-202013>
  - NOAA.gov Highlight: <https://www.noaa.gov/news/may-capped-off-warm-dry-spring-and-ushered-in-1st-tropical-storm-of-2021>
  - NOAA Climate.gov: <https://www.climate.gov>
  - U.S. Drought Portal: <https://www.drought.gov>

## OPPORTUNITIES

- [2021-2022 Veterans Advanced Energy Fellowship](#)

The Atlantic Council Global Energy Center is accepting applications for the 2021-2022 Veterans Advanced Energy Fellowship now through August 16, 2021. The Fellowship develops leaders to become peer mentors, advocates, and spokespeople for other veterans, reservists, and military spouses, and solidifies the advanced energy connection to national security and the mission-driven progress of veterans’ employment in advanced energy. Advanced energy is defined as leading-edge energy technologies including solar, wind, batteries, geothermal, microgrids, advanced nuclear, electric vehicles, end-user energy efficiency, among other innovations. **Applications due 16 August 2021.**

**18 June 2021**

Hello, Climate & Security Network Members.

Below are updates for this week with lots of rich events coming up.

I'll be on leave for a few weeks so the next weekly update will be July 2. Feel free to forward information for inclusion in the update for that week.

Thanks!

Kristen

## NEWS

- [\*\*There's a new ocean now – can you name all 5?\*\*](#)  
National Geographic, 8 June 2021
- [\*\*Is Climate Change America's Greatest Security Threat?\*\*](#)  
Defense One, 14 June 2021
- [\*\*Military Operations will be Strained by Climate Change\*\*](#)  
Scientific American, E&E News 8 June 2021
- [\*\*Brussels Summit Communiqué\*\*](#)  
NATO, 14 June 2021      *See ¶58 for climate change focus.*
- [\*\*Secretary Granholm Launches Hydrogen Energy Earthshot to Accelerate Breakthroughs Toward a Net-Zero Economy\*\*](#)  
Department of Energy, 7 June 2021

## EVENTS

- **Two-Part EPA Webinar Series: Climate and Heat Trends**  
[\*\*Part 1: Overview of EPA's Climate Change Indicators\*\*](#)  
17 June 2021 | 1-2 pm ET/10 – 11 am PT  
EPA recently released a major update, expansion, and enhancement of its [Climate Change Indicators in the United States](#) website. This one-hour webinar will explore the new website, which is a comprehensive and accessible resource that includes 54 indicators (140 figures). The presentation will provide key findings, highlight several indicators, and describe ways to explore, share and use the information including interactive data tools and story maps.  
To join, please [REGISTER HERE](#)



## **Part 2: Climate and Heat: Trends, Health Impacts and Risks**

24 June 2021 | 2-3 pm ET/11 am – Noon PT

This one-hour webinar will feature climate-related temperature trends particularly related to extreme heat and urban heat, human health effects, social vulnerability, and risks (happening now and looking into the future). The presentation will highlight information on observed U.S. trends from EPA's [Climate Change Indicators](#) and future conditions based on EPA's [Climate Impacts and Risk Analysis efforts](#). The presentation will feature recent science on extreme heat and health impacts including from the [U.S. Global Change Research Program](#) and EPA research on climate vulnerability and heat islands. To join, please [REGISTER HERE](#)

- **Jackson Hole Global Forum: 2021: Climate Change and National Security**

24 June 2021 9 am – 5 pm MT/8 am – 4 pm PT

The [Center for Climate and Security](#) has partnered with the [Jackson Hole Center for Global Affairs](#) and [Prime Movers Lab](#) on the Jackson Hole Global Forum 2021: Climate Change and National Security. This virtual conference will bring together U.S. and global military leaders, security professionals, business executives, entrepreneurs, investors, policy leaders and citizens to advance understanding and action that responds to the security implications of a changing climate. Sen. Tammy Duckworth (D-IL) will kick off a day of panel discussions on a range of security, resilience, and energy topics, many of which feature experts from the Center for Climate and Security. A more detailed agenda can be found [here](#). [Register here](#).

- **Water Security: Key Pathways for Climate Resilience**

29 June 2021, 10-11:30 am ET/7-8:30 am PT

Hosted by the U.S. Department of State Bureau of Oceans and International Environmental and Scientific Affairs and the Bureau of Global Public Affairs, this is the latest in a series of online programs focused on water and climate adaptation. This live webinar will explore the relationship between climate and water and highlight the importance of integrated approaches to strengthen water security and advance climate resilience. The program is free and open to the public. No registration required. [Join here](#).

- **Program Manager Chat: Department of Energy Arctic Energy Office**

30 June 2021, 12 – 1 pm ET/9 – 10 am PT

The Department of Energy's [Arctic Energy Office](#) leads cross-cutting operations in the Arctic with a mission to tackle 21st century energy, science, and national security challenges. The webinar will highlight the office's mission, leadership, and partnerships, as well as opportunities for the research community to collaborate with the office. Pre-registration not required.

- **Climate Security Policy: An Overview of Some Commercial Influences**

13 July 2021, 1200-1300 PT

Professor Nick Dew, NPS Graduate School of Defense Management,  
CSN Speaker Series: July 2021

Climate security policy depends in some crucial ways on assumptions about commercial factors such as the development of new technologies and the strategies of MNCs (multi-national corporations). Sometimes these assumptions are empirically well-grounded; other times not so much. This presentation will address some key empirical trends and recent events in the business landscape that policymakers may want to keep one eye on.

*This event is open only to NPS students and staff who are Climate and Security Network Members.*

To join the Network, visit [nps.edu/climate](https://nps.edu/climate).

Event will be virtual via MS Teams. To attend, RSVP by July 12 to:

[kristen.fletcher@nps.edu](mailto:kristen.fletcher@nps.edu)

## REPORTS, PUBLICATIONS & OTHER RESOURCES

- [\*\*Climate Security and the U.S.-Russia Summit\*\*](#)  
This post by the Center for Climate and Security posits that the imperative to adapt and build resilience to climate change risks fueling greater geopolitical competition between Moscow and Washington.
  
- The Council on Strategic Risks and Woodwell Climate Research Center have released two new story-maps on climate and environmental security issues.
  - [\*\*Melting Mountains, Mounting Tensions: Climate Change and the India-China Rivalry\*\*](#)
    - *This story-map derives from a new report, [Climate Change and the India-China Rivalry](#).*
  - [\*\*Temperatures and Tensions Rise: Security and Climate Risks in the Arctic\*\*](#)
    - *This story-map derives from a forthcoming report: [Arctic Temperatures and Tensions Rise: A Case Study of Climate and Security Risk in the Arctic](#).*
  
- [\*\*Shifting Gears: Geopolitics of the Global Energy Transition\*\*](#)  
This new Atlantic Council report 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. [Read the report](#).