



Hi Earth & Environment team!
Happy July!
Check out the information below for updates and events.

UPCOMING EVENTS & HAPPENINGS

MONDAY 07/10

11:00am - 1:00pm: [Virtual Resume and Cover Letter Review Drop-In](#)

The CCD offers personalized feedback for resumes and cover letters during Drop-Ins, no appointments needed. This summer we're going virtual! Don't forget to have your documents ready.

TUESDAY 07/11

4:00pm: [Virtual Radcliffe Book Talk](#)

The 2023 Summer Radcliffe Book Talk series will begin with Ann-Christine Duhaime, author of [Minding the Climate: How Neuroscience Can Help Solve Our Environmental Crisis](#). Visit [the event page](#) for more information and to register.

WEDNESDAY 07/12

11:00am - 1:00pm: [Virtual Resume and Cover Letter Review Drop-In](#)

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THURSDAY 07/13

1:00pm: [U.S. C3E Women in Clean Energy Webinar Series: Hydrogen: A rising pillar for our clean energy future](#)

Hydrogen has been recognized as a key pillar of decarbonizing the global energy system, with application across numerous sectors including transportation, heavy industry and energy storage. Indeed, it is anticipated that the use of clean hydrogen will avoid up to 60 Gt of CO₂ emissions over the next 30 years (IEA). Developing the policy, technology and commercial solutions necessary to realize the full potential of hydrogen is not for the weak-hearted. **In this webinar, we'll hear from leading women experts who are paving the way forward for a hydrogen economy and discuss the opportunities and challenges that lie ahead.**

2:00pm: [The Art of Saying "No"](#)

Presented by the National Center for Faculty Development & Diversity:

- Are you confused about when to say "yes" and "no" to other people's requests?
- Do you often say "yes" to requests without realizing the impact that response will have on your time and productivity?
- Do you find yourself feeling angry and resentful during the academic year because you've said "yes" too often?

You're not alone! Many faculty (pre and post-tenure) find it incredibly difficult to sort out when, why, and how to say "NO."

In this webinar, you will learn:

- The biggest mistakes faculty make in responding to requests
- How to identify and disrupt problematic patterns
- Our favorite strategies that you can implement immediately so you can add "no" to your vocabulary

While this seminar is designed for faculty, it is also open to graduate students! [Membership](#) is required to attend, but it is completely free to sign up.

6:00 - 9:00pm: [MIT Museum After Dark](#)

Enjoy a lively evening of entertainment, science, and tinkering for the 21+ crowd!

After Dark is a monthly adults-only, after-hours event at the museum. Full of science and surprises, expect demonstrations, tastings, conversation and interactive play. We'll always have live music and a pop-up cash bar featuring artisan lite-bites by culinary specialists from around the city.

This month, we're turning up the heat at After Dark. Paint with thermochromic pigments, play with infrared cameras, and learn what makes hot sauce HOT through tastings and demos by Craic Sauce. Beat the heat with Winter Hill Brewing Company, and slow cooked BBQ courtesy of Scott Brothers, available for purchase.

Space is limited. Advance purchase is recommended.

MONDAY 07/17

11:00am - 1:00pm: [Virtual Resume and Cover Letter Review Drop-In](#)

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7:00pm: [Sarafina El-Badry Nance with Sasha Sagan: Starstruck](#)

"In a beautifully written, science-packed, and inspirational memoir, Egyptian-American astrophysicist Sarafina El-Badry Nance shares how she boldly carved out a place in the field of astrophysics, grounding herself in a lifelong love of the stars to face life's inevitable challenges and embrace the unknown." Come hear her discuss her work, [Starstruck](#), at the Brookline Booksmith in Coolidge Corner. [Register here](#).

TUESDAY 07/18

7:00pm: [Laura Trethewey with Jeffrey Marlow: The Deepest Map](#)

"The future of humanity depends on our ability to protect [our ocean], this vast, precious, and often ignored resource. A true tale of science, nature, technology, and an extreme outdoor adventure, [The Deepest Map](#) illuminates why we love - and fear - the earth's final frontier and is a crucial addition to the increasingly urgent conversation about climate change." Come hear the author in conversation with BU Biology's [Jeffrey Marlow](#) at the Brookline Booksmith in Coolidge Corner. [Register here](#).

WEDNESDAY 07/19

11:00am: [Lucila Bloemendaal Dissertation Defense](#)

"Impact of waves and storms on salt marsh erosion and sedimentation." CAS132. Zoom link available [here](#).

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ONGOING

[Arnold Arboretum: Guided Tours](#)

Now through July 30th

Join the Arnold Arboretum staff for a 90-minute walk through the groups! Tour seasonal plant highlights and learn about Arboretum history from a trained docent.

Registration [required](#), group tours available!

[Farmers' Markets - Boston Metro Area](#)

Now through September

Looking for fresh food this summer? Want to support your local growers? Check out this comprehensive list of farmers' markets in the Boston Metro Area.

DISABILITY PRIDE MONTH



"Disability is a part of the rich tapestry of human diversity, and something that nearly all of us will experience at some point in our lives. It's also a significant identity that defines how we experience the world. Yet people with disabilities have been marginalized and misunderstood for generations. **All disabilities and their intersecting identities should be acknowledged, valued, and respected, and one way to do that is during [Disability Pride Month](#).**

Disability Pride Month is celebrated every July and is an opportunity to honor the history, achievements, experiences, and struggles of the disability community.

Why July? It marks the anniversary of the Americans with Disabilities Act, landmark legislation that broke down barriers to inclusion in society."

"Around the world, disability communities are becoming increasingly vocal in calling attention to the ways in which they are disproportionately affected by climate change and the need to ensure that disability rights are respected, protected, and fulfilled in climate solutions. **As we will explain in this opinion, one key element of this emerging**

[Nothing about us without us: The urgent need for disability-inclusive climate research](#)

agenda for disability-inclusive climate justice is the need for in-depth and participatory action research on the intersections of disability and climate change.

People with disabilities are experiencing disproportionate rates of mortality and harm in heatwaves, cyclones, floods, droughts, famines, and other climate impacts. They face unique barriers and challenges when they are displaced by climate change, including discriminatory migration policies and inaccessible transportation and shelter options. These impacts are felt most acutely by people with disabilities that face intersecting barriers of oppression, including women, girls, Indigenous and racialized individuals, and the poor with disabilities. In addition, people with disabilities are negatively impacted by climate mitigation solutions that are designed without due consideration of their perspectives and requirements, for example, the total ban on plastic straws.

OPINION

Nothing about us without us: The urgent need for disability-inclusive climate research

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OPEN ACCESS

Citation: Jodanis S, Buttgen A, Groppe N, Gurung P, Kaiser C, Katt M, et al. (2023) Nothing about us without us: The urgent need for disability-inclusive climate research. PLOS ONE 18(3): e0240153. <https://doi.org/10.1371/journal.pone.0240153>

Editor: Jamie Miles, PLOS Climate, UNITED KINGDOM

Published: March 6, 2023

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Funding: This work was supported by a Canada Research Chair grant awarded to the Social Sciences and Humanities Research Council of Canada (to Dr. Jodanis). The funders had no role in study design, data collection and analysis, decision to publish, or preparation of the manuscript.

Competing interests: The authors have declared that no competing interests exist.

Around the world, disability communities are becoming increasingly vocal in calling attention to the ways in which they are disproportionately affected by climate change and the need to ensure that disability rights are respected, protected, and fulfilled in climate solutions [1–3]. As we will explain in this opinion, one key element of this emerging agenda for disability-inclusive climate justice is the need for in-depth and participatory action research on the intersections of disability and climate change.

Very little is known about how and why people with disabilities are affected by different climate impacts, the contextual factors that shape their exposure, sensitivity, and adaptive capacity, and the solutions needed to ensure their resilience [1–3]. The lack of research concerning the implications of initiatives addressing climate mitigation, adaptation, and loss and damage for disability communities is even greater. There are very few studies examining how policies and projects to decarbonize products, services, and infrastructure, and enhance land-based carbon sequestration impact people with disabilities. There is even less research on how these efforts can be designed to wear that discourse, rather than reinforce, existing social, physical, and economic inequities [3,4]. More broadly, scholarship is lacking on whether and how evidence and advocacy influence policymakers' perceptions of alternative climate actions and the implications of their decisions on disability communities [7].

These gaps in knowledge are leading to the development and implementation of inequitable and ineffective climate solutions that undermine the human rights and dignity of people with disabilities [5,6,8,9]. People with disabilities are experiencing disproportionate rates of mortality and harm in heatwaves, cyclones, floods, droughts, famines, and other climate impacts [2,3,6,8]. They face unique barriers and challenges when they are displaced by climate change, including discriminatory migration policies and inaccessible transportation and shelter options [6]. These impacts are felt most acutely by people with disabilities that face intersecting barriers of oppression, including women, girls, Indigenous and racialized individuals, and the poor with disabilities [3,6,9]. In addition, people with disabilities are negatively impacted by climate mitigation solutions that are designed without due consideration of their perspectives and requirements [6], for example, the total ban on plastic straws [10].

In-depth, systematic, and applied research is needed to address these gaps in knowledge and support the development and implementation of disability-inclusive climate solutions. To

E&E (and BU) IN THE NEWS



Prof. Ian Sue Wing Publishes on Mismatch of Adaptation and Mitigation Strategies

"Between now and 2050 the use of air conditioners to cope with rising temperatures risks generating an increase in emissions in the order of 10 million metric tonnes of carbon dioxide in Europe and as much as 120 million tonnes in India.

These figures were revealed in a study published in the journal *Scientific Reports* by environmental economists Francesco Colelli and Enrica De Cian ... and Ian Sue Wing of Boston University. The study is the first to illustrate the impacts of climate change on the demand for air conditioners and electricity for cooling in Europe and India: between now and 2050, with the current fuel mix, there is a risk of a mismatch between what is done for adaptation and mitigation, with increased emissions as a result."

From [*Aircon Wide Adoption To Fight Heat in India and Europe: Risk For Dramatic Rise in Emissions*](#)

SPH Study Shows "Domestic oil and gas production responsible for \$77 billion in health impacts yearly"

A joint study by the Boston University School of Public Health, the University of North Carolina Institute for the Environment, PSE Healthy Energy and the Environmental Defense Fund has found air pollution from domestic oil and gas production to be responsible for about **\$77 billion in health impacts nationwide every year**, with Texas among the states with the highest proportion of associated health damages.

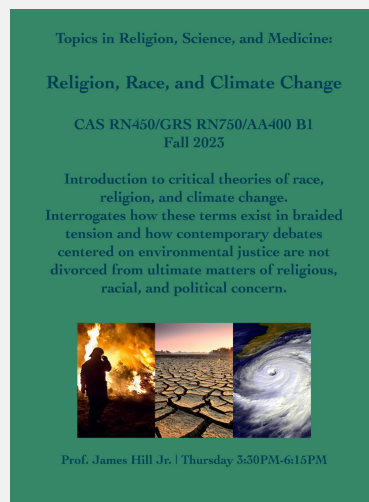
Lead researcher [Jonathan Buonocore](#), assistant professor of environmental health at Boston University's School of Public Health, joined Texas Standard to discuss the report's findings.



OPPORTUNITIES

[Check out previous opportunities here.](#)

ADVISING REMINDERS



FALL 2023 COURSE REC:

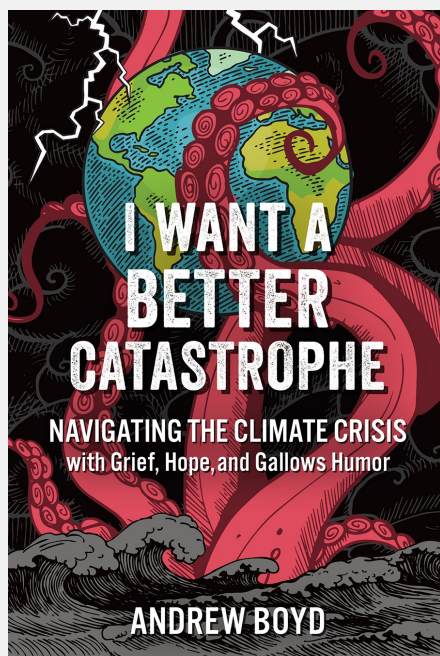
Religion, Race, and Climate Change

This course is offered by the Religion Department and is taught by [Professor James Hill Jr.](#)

We highly recommend this course for Environmental Policy & Analysis students, but also encourage all students to sign up.

You can find more information about the course [here](#), or reach out to Meredith Rippert in the Religion Department at mmripp@bu.edu.

FUN-GI SECTION



SUMMER MEDIA REC [I Want A Better Catastrophe](#)

By Andrew Boyd

With global warming projected to rocket past the 1.5°C limit, lifelong activist Andrew Boyd is thrown into a crisis of hope, and off on a quest to learn how to live with the "impossible news" of our climate doom.

He searches out eight leading climate thinkers — from collapse-psychologist Jamey Hecht to grassroots strategist adrienne maree brown, eco-philosopher Joanna Macy, and Indigenous botanist Robin Wall Kimmerer — asking them: "Is it really the end of the world? and if so, now what?"

With gallows humor and a broken heart, Boyd steers readers through their climate angst as he walks his own. From storm-battered coastlines to pipeline



SUMMER MEDIA REC [Princess Mononoke](#)

A Studio Ghibli Movie

Are you looking for an incredible movie to watch this summer, that still has a message about climate change? Look no further than *Princess Mononoke*, the Studio Ghibli classic movie currently streaming on HBO.

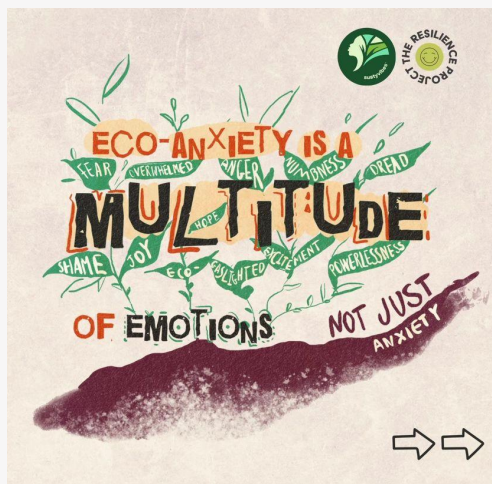
"Set during the 14th Century, the Muromachi period of Japan, Princess Mononoke tells the story of Ashitaka, a young prince cursed by the hatred of a dying boar god, who has been corrupted by an iron ball lodged in his body. "Hear me loathsome humans," the boar says, "you shall know my agony and my hatred". To seek a cure for his curse, Ashitaka travels across the land, hoping to find the Shishigami, a deer-like forest spirit with the power to bring life and death.

blockades and “hopelessness workshops,” he maps out our existential options, and tackles some familiar dilemmas: “Should I bring kids into such a world?” “Can I lose hope when others can’t afford to?” and “Why the fuck am I recycling?”

Along the way, Ashitaka discovers a world out of balance.”

Eco-Anxiety: Global Convening of Youth

[The Resilience Project](#) and [SustyVibes](#) co-hosted the Global Convening of Youth on Eco-Anxiety this past month. The following graphics summarize the session.



MEME OF THE WEEK

we all know that one weird friend who spends the whole beach trip picking up trash



If you have updates, announcements, or events that you would like sent via the newsletter, please reach out to Emma Roth (they/them) at emroth@bu.edu.



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