

Earth & Environment

Weekly News

May 1st - May 7th

Hi Earth & Environment team!

Happy May! We're almost to the end of the semester and you are all crushing it!

SPECIAL ANNOUNCEMENT



Introducing the Earth & Environment Convocation Speaker: [Dr. Grace Andrews!](#)

Dr. Andrews is a climate change mitigation scientist and is the Vice President & Head of Science at [Vesta](#). She graduated from BU in 2010 with a BA in Earth Science.

[Read more about her work here.](#)

UPCOMING EVENTS & HAPPENINGS

MONDAY 05/01

10:00am: [PCC Open House: Shake Up Your Summer Work Wardrobe](#)

Get ready for your summer job or internship with the Professional Clothing Closet! On May 1, 12-6pm, drop by the Professional Clothing Closet at 100 Bay State Road for our end of the year Open House. You'll be able to select up to four new or gently used items of professional clothing to take home, absolutely free. **No appointment required, and you're eligible to pick out items even if you already had a PCC appointment this academic year!**

One time, in person only, drop in. No registration required.

TUESDAY 05/02

12:00pm: [Repairing, Re-Doing, or Disrupting? What Works and Not in Climate Finance and Action](#)

Harvard Evet: Located in the Starr Auditorium, Belfer Building, 79 HFK St., Cambridge

[Tanja Faller](#) will discuss her work leading governments and investors towards decarbonizing their economies and transforming their energy systems:

"Progress on climate action is moving, but not at the pace that's needed. How comes that the international community – well aware of

the risks that climate change provides – is not acting faster? Why are we lacking more projects that would move the needle, and save the planet and the people? Will the ongoing technologic advancements – such as green hydrogen – be game changing? We offer billions of climate finance, is it enough? Is money the issue to move on climate Action? Enjoy a provocative conversation on what works and what does not with one of the leading women in climate finance."

WEDNESDAY 05/03

Last Day of Classes!

12:20pm: [E&E Speaker Series: Dr. Sonali McDermid](#)

[Dr. Sonali McDermid](#) is an Associate Professor in the Dept. of Environmental Studies at NYU. Her research focuses on understanding both climate change impacts on agriculture and food security, and the impacts of agriculture on the environment. She will be presenting "*Co-benefits and tradeoffs of agricultural mitigation and adaptation: a rice case study* ." CAS 132.

2:30pm: [Asst. Professor Cedric Fichot Tenure Seminar](#)

Come hear about Asst. Professor Fichot's work at BU during his talk, "From streams to the open ocean: *Integrating in situ measurements, remote sensing, and modeling to understand change across Earth's aquatic systems*." CAS 132.

3:00pm: [Disinformation & Misinformation: How are these affecting society?](#)

This panel brings together the perspectives of a first amendment professor of law, the former editor of a major newspaper and a scholarly researcher that has conducted studies about the flow of disinformation, to focus on the impact that disinformation and misinformation have on American society. The panelists will also explore what can be done to limit the influence of disinformation.

[Register here.](#)

THURSDAY 05/04

12:00pm: [Find Funding for Early-Career Scientists](#)

The Beckman Foundation supports breakthroughs in life sciences and chemistry – in particular, the invention of methods, instruments, and materials – by young scientists. **This Zoom webinar will feature two of the foundation's signature programs, one for assistant professors within four years of independence who have not yet received a major external grant and one for postdocs.** Anne Hultgren, PhD, Executive Director and CEO of the Arnold & Mabel Beckman Foundation, and Nicole Patras, Program Officer for the Young Investigator Program, will present detailed information about the above programs. They will be joined by BU's Hadi Nia, PhD, Assistant Professor of Biomedical Engineering and a 2022 Beckman Young Investigator, who will share his experience as an applicant and awardee. [Register here.](#)

FRIDAY 05/05

10:00am - 5:30pm: [Boston Colloquium for Philosophy of Science: Geosciences](#)

Join the BU Center of Philosophy and History of Science for a two-day event on the philosophy of geosciences. Featured lectures include:

- The Cinderella Science: Intellectual Obstacles Facing the History & Philosophy of Geology in the Mid-20th Century
- Geology & the Sustainable University
- Using Paleoclimate Analogues to Inform Climate Projections

[Register here.](#)

5:00pm: [Undergraduate Experiential Learning Expo](#)

The Expo will showcase dozens of student projects undertaken in conjunctions with the Cross-College Challenge, the Learning Assistant Program, and BU Spark!. Highlighted classes and projects include:

- Unheard Voices: Deconstructing the Dominant Narratives by Inclusion
- Thinking through Puppets
- Marketing and Social Equity in the Cannabis Industry
- Photography for Youth Activism
- **Bike to BU (Co-taught by E&E's Nathan Phillips!)**

BU Spark! will also present Demo Day, an opportunity for students participating in Spark! supported courses and programs to showcase their work to members of the BU community and with our partners from industry and civil society who engage with Spark! as project sponsors, instructors, and mentors. Register here.

SATURDAY 05/06

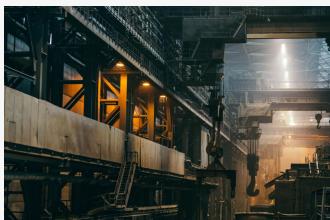
10:00am - 5:30pm: [Boston Colloquium for Philosophy of Science: Geosciences](#)

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- Skeletons in the Closet: The Issue of Scientific Colonialism in Paleontology
- Performing the Origins of US Geology from the Classroom to the Field
- To the End of the Earth: Fieldwork on a Changing Planet

SPOTLIGHT

Have you checked out [The Emerald Review](#), Boston University's environmental magazine? *The Review* is wholly student run and written, and we are proud to see so many of our E&E undergraduate students publishing and operating this magazine. **Check out some of their work!**



[Green Steel: A 120 Million-Dollar Idea](#)

By Natalie Clott

"Steel is present in a myriad of everyday items from cutlery to refrigerators, and the global steel industry directly employs more than six million people. It is, undoubtedly, a necessary material and industry, but it contributes to a significant amount of climate change-inducing emissions. So, how can the steel industry cut its emissions in order to abide by the goals of the Paris Climate Agreement? As it turns out, Boston Metal can provide the answer: green steel."



[Inequality in Access to Air Conditioning Exacerbated by Climate Change](#)

[Ft. Professor Ian Sue Wing](#)

By Zoe Tseng

"Some areas around the world are already feeling a dystopian-esque level of heat, and even New England cities are not spared from this effect of climate change. The only relief seems to be seeking out air-conditioned spaces. However, not everyone has that luxury."



[Alaskan Willow Oil Project Expected to Emit Large Amounts of CO2 and Damage Indigenous Communities](#)

By Macie Parker

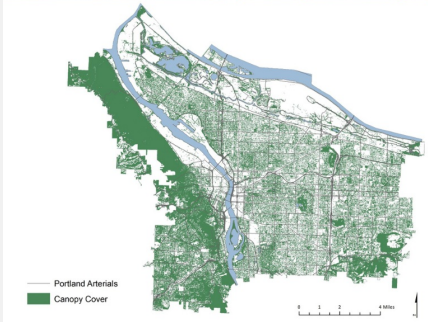
"On March 13, 2023, the Biden Administration approved a large oil extraction program called the Willow Project. The largest oil producer in Alaska, called ConocoPhillips, is conducting the project. However, the project has raised concern among Indigenous communities located on Willow Project land because it will have significant ecological and health impacts."

E&E IN THE NEWS

[Just Environmentalism: PhD Candidate Claudia Diezmartínez Peregrina and Assoc. Professor Anne Short Gianotti Featured by CAS](#)

"CAS researchers say more cities are putting equity and justice in their plans to address climate change. Will those plans lead to action?"

In 2022, PhD Candidate [Claudia Diezmartínez Peregrina](#) and Associate Professor [Anne Short Gianotti](#) published their article, "[US cities increasingly integrate justice into climate planning and create policy tools for climate justice](#)", in Nature Communications. Recently, they and their research were profiled by the BU College of Arts and Sciences. You can find the full [article here](#).



[Professor Sergio Fagherazzi Featured on Sweaty Penguin Climate News](#)

Professor Sergio Fagherazzi was featured in PBS's [The Sweaty Penguin](#), discussing his work on climate change and salt marshes!

You can check out the full article and interview transcript [here](#).



You can also follow the E&E Department on Twitter [@BUEarth](#) and on Instagram [@bostonuearth](#) for more news and updates!

OPPORTUNITIES

LITTLESIS

Hiring: Full Time, Sr. Researcher: Climate Program - Remote

[LittleSis](#) (opposite of Big Brother), an organization that "investigates cronyism and systemic corruption at the heights of business and government." They are hiring a [Senior Researcher in their Climate Program](#):

"Applicants are people who are interested in developing more power research analysis and capacity in the climate, energy, and environmental justice movements. The position's main objective will be to conduct and facilitate corporate research in support of and in collaboration with movement partners and campaigns." This position pays ~\$70,000 per year.

C&S COMPANY

Hiring: Full Time, Environmental Engineer / Scientist

[C&S Company](#) is seeking a full-time Environmental Scientist or Environmental Engineer to join our Environmental Service Group in our **Buffalo, New York office**. Responsibilities include, but are not limited to:

- Prepare calculations, inventories, and reports required under various compliance programs (i.e. stormwater, hazardous waste, chemical and oil storage, air, etc.)
- Assist in compliance reviews, compliance audits and various permitting processes
- Perform environmental reviews pursuant to SEQR and NEPA
- Perform sampling of soil, groundwater and other media
- Create or assist with the creation of technical reports

[Apply Here](#).

EARTH HACKS

Hiring: Part Time, Summer Environmental Justice in Tech Fellow

[Earth Hacks](#) is a non-profit that works with college students and organizations to host environmental hackathons focused on creating

innovative, equitable, and just solutions to the climate crisis. This position will support advancing environmental justice principles in technology projects by contributing to the [Environmental Justice in Tech \(EJIT\) Project](#). The EJIT Fellow will focus on research, writing, and providing content for the various EJIT project resources.

This position includes a \$4,000 stipend. [You can find more information about this opportunity here.](#)

BOSTON CLIMATE ACTION NETWORK

Hiring: Part Time, Paid Summer Internship

The [Boston Climate Action Network \(BCAN\)](#) organizes Boston residents and collaborate with other social justice allies to advocate for climate justice and urgent action on the climate emergency by the City of Boston and other policymakers.

They are hiring for two summer internships. **Both are paid \$18/hr, and [applications are due by April 30th](#).**

[Communications Internship](#) / [Event Planning Internship](#)

THE SWEATY PENGUIN NEWS

Hiring: Part Time, Paid Summer Fellowship - Remote

The Sweaty Penguin are currently looking to hire a few people from the college classes of 2026 and 2027 for two summer fellowships, one in Research and one in Journalism & Social Media. Both positions are part-time, remote, paid opportunities (\$15/hr) and offer young students an incredible opportunity to learn about climate change, develop their writing skills, and gain leadership experience.

[Apply Here.](#)

[Check out previous opportunities here.](#)

ADVISING REMINDERS

It's officially Finals Season! **You are all capable and brilliant. You are worthy and important. Please take care of yourselves during this time.** Don't hesitate to stop by our offices if you need anything. You can check out these resources for support:

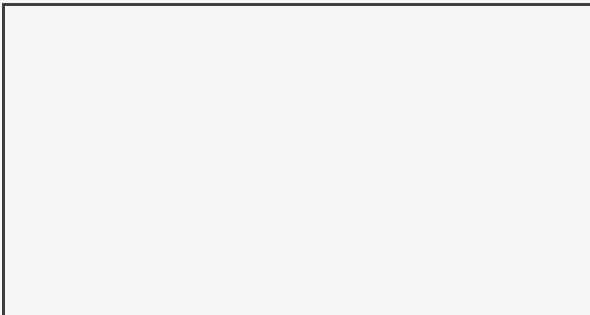
[BU: Wellbeing Resources](#)

[Vibrant: Safe Space \(Various Resources\)](#)

[A Reminder: "Your Grades Don't Define You"](#)

[E&E Summer Classes - Information](#)

FUN-GI SECTION





Fast Fashion's Dirty Little Secret (Hint: It's Oil)

By Alex Bloomberg & Kendra Pierre-Louis

"Whether you consider yourself a fashion maven or not one thing is true: you wear clothes. It's a basic rule of most societies. But in recent years, it's become clear that the clothes that keep us warm in winter and protect us from the sun in summer are also harming the planet. According to the EPA in the United States we threw out close to 13 million tons of clothing in 2018 alone. One factor? Clothes have gotten really cheap. And that's partly because these days much of it is made from fossil fuels. **We take a deep look at our clothes, their climate impact, how they got so much oil in them and what we can do about it.**"



Afterglow: Climate Fiction for Future Ancestors

Edited by Grist

"Hopeful and forward-looking futuristic short stories that explore how the power of storytelling can help create the world we need."

"This is a glorious book that challenges our conceptions of bookmaking as much as it questions our conceptions of world-building. We, as earthlings, will be better to the earth after experiencing this book. That is not hyperbole." —New York Times bestselling author Kiese Laymon

[Buy it here](#) or find it at your local library!



Meme / Joke of the Week

It's that time of the year again :)

If you would like to submit a meme or a joke for the weekly newsletter, please reach out to Emma Roth (they/them) at emroth@bu.edu

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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