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NEWS FROM THE BERKELEY CLIMATE CHANGE NETWORK - DEC 14, 2023

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1. **Why We Do This Work: North Pole in Trouble - San Francisco Too**
2. Our **BCCN Podcast Series** kicks off with David Sedlak!
3. **Kim Stanley Robinson** here January 24th, 4 pm — Register NOW
4. The **1.5°C Target** and Human Rights of Billions
5. **COP28 and Fossil Fuels** — Breakthrough? Loopholes? Failure?
6. Haas Cleantech to Market 2023: **8 Cool Young Companies**
7. Center for Responsible Business: **Measuring Social Impact**
8. LLNL Roadmap — **Carbon Removal Capacity by COUNTY**
9. Berkeley Lab: More cool projects - **Plastics and FLEXLAB**

BCCN Climate Calendar

— See below

1. **Why We Do This Work: North Pole in Trouble - San Francisco Too**

NOAA's annual [Arctic Report Card](#) says Arctic warming 4X faster than the overall globe with serious ramifications for the entire planet. Important but less dramatic, this [Climate Central graphic](#) shows San Francisco winters warming steadily since 1970. On the realistic hopeful side, NYT's David Gelles brings us "[Joy in Action](#)" featuring Ayana Elizabeth Johnson.

2. **Our BCCN Podcast Series** kicks off with David Sedlak!

Podcast #1 (15 minutes) spotlights Berkeley's David Sedlak and his brand new book "Water for All - Global Solutions for a Changing Climate." For now, find us on [Spotify](#) (more platforms coming soon) and find David's excellent book everywhere.

3. **Kim Stanley Robinson** here January 24th, 4 pm — Register NOW

The award-winning author of *Ministry for the Future* talks CLIMATE with Berkeley's Katherine Snyder (English, Cli-Fi) and Daniel Aldana Cohen (Sociology, SC(2)). Networking reception follows. Brought to you by BCCN, Rausser College of Natural Resources, the Center for Interdisciplinary Critical Inquiry, the J-School, Berkeley English, and the Socio-Spatial Climate Collaborative. David Brower Center Theater, 2150 Allston Way. [Free registration required.](#)

4. **The 1.5°C Target** and Human Rights of Billions

New [essay](#) by Alexia Koenig (Berkeley Law's Human Rights Center) and Baiboon Sakulkarunaarree (Berkeley Law alum): "Just as flawed forensic evidence strips the innocent of fundamental rights, aiming for the political—rather than scientific—target of

innocent of fundamental rights, aiming for the political rather than scientific target of 1.5°C will deprive billions of their most basic human rights."

5. COP28 and Fossil Fuels — Breakthrough? Loopholes? Failure?

COP28 in Dubai, attended by a number of Berkeley faculty, staff and students, is over. Here are three views on the critical "fossil fuel question" that dominated the last days. [Guardian](#), [New York Times](#), and [Washington Post](#).

6. Haas Cleantech to Market 2023: 8 Cool Young Companies

C2M's annual [Climate Tech Summit](#) at Haas a few weeks back featured 8 climate-focused companies with VERY fresh takes on some of our most vexing problems—carbon sequestration, water purification, green hydrogen, rare earth elements, water desal, creating green their homes, and lithium ion batteries. See company website links [here](#).

7. Center for Responsible Business: Measuring Social Impact

[CRB](#) has a new, multi-year partnership with Ørsted to measure the social impact of green energy. UC Berkeley faculty and graduate students will team up with community organizations, policy-makers, and industry experts to help Ørsted lay the foundation for people-positive renewable energy projects that can set new standards across the industry. Read more in [Ørsted's press release](#).

8. LLNL Roadmap — Carbon Removal Capacity by COUNTY

Lawrence Livermore National Laboratory has unveiled [Roads to Removal](#), a county-by-county analysis of US carbon removal potential. The report outlines opportunities in all 50 states for a wide range of pathways — soil and forest management, biomass conversion, direct air capture — as well as geologic storage. By closely assessing economic and capacity considerations, it pinpoints optimal locations for removal in every region, guiding decision-makers toward projects benefiting local communities and the climate.

9. Berkeley Lab: More Cool projects - Plastics and FLEXLAB

[Putting an End to Plastic Separation Anxiety](#) finds Berkeley Lab working with Google X to address the HUGE problem of plastics recycling mixing bio-based and regular plastics. And while you are there, checkout [How FLEXLAB is Helping to Decarbonize the Grid, Communities and Buildings](#).

BCCN Climate Calendar

- HEAT HEALTH CLIMATE Workshop Postponed to Spring Semester
- Enjoy ALL the holidays
- [We've already had the earliest sunset!](#)

Bruce Riordan

Berkeley Climate Change Network

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“The five-alarm nature of climate chaos requires revising curriculum, research, and innovation throughout higher education and changing requirements for graduation so that every student in every field knows what planet they’re on, how it works, and why such things are important for our public life and for their own lives and careers.”

— Democracy in a Hotter Time: Climate Change and Democratic Transformation by David W. Orr, Bill McKibben

<https://a.co/gZu0l9k>

