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NEWS FROM THE BERKELEY CLIMATE CHANGE NETWORK DECEMBER 5, 2022

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The cool new **BCCN Web Site** will be up and running VERY soon — www.bccn.berkeley.edu

Postponements:

- The Berkeley-focused webinar for [ECCLPs](#) (Environmental and Climate Change PK-12 Projects) TODAY (DEC 5 1 PM) now Feb 6 12 pm
- The BCCN webinar for Community-Engaged Research now early January (more info below)
- The Labor Center's [Beyond the Horizon: Workers Leading the Fight for Climate Change](#) (Nov 29) now early 2023 TBD

1. Kim Stanley Robinson in SF this week
2. \$100M UCOP research funding UPDATE
3. New LBNL climate research for SF a "game changer"
4. MIT Climate and Energy Prize Competition
5. Congratulations Patrick G and Bill C
6. New EBI Postdoctoral Research Fellowship Program
7. Coastal Climate Resiliency research funding
8. Patents for reducing GHGs!
9. Climate Story of the Week: 1,200 Possible Futures — These Are Our Best Hope

1. THIS WEEK! **Kim Stanley Robinson** ([The Ministry for the Future](#)) speaks in San Francisco Wednesday Dec 7th, 7:30 pm.
[IN-PERSON AND VIRTUAL TICKETS.](#)

2. Latest on the \$100M UCOP climate research funding opportunity

- Berkeley's Innovation & Entrepreneurship proposal (\$1M, 1 per campus) is in development (due 12/15) led by Rich Lyons, Associate VC for I&E
- We are still waiting ("early-to-mid December") for the [Seed Grant](#) and [Matching Grant](#) RFPs from University Office of the President (UCOP)
- Without RFPs, we are postponing our planned webinar on Community-Engaged Research until early January. In the meantime, please use BCCN's growing list of [Community-Engaged Research Resources](#) (thank you to SPH's Emily Ozer and all contributors!)

3. New LBNL Research a "Game-Changer" for San Francisco

The SFPUC, in partnership with LBNL, just released a "pioneering" new climate climate study that will provide much more detailed info to help the City prepare and adapt to extreme storms. [The peer-reviewed study](#) was recently published in *Weather and Climate*

extreme storms. [The peer-reviewed study](#) was recently published in *Weather and Climate Extremes*. It found the effect of climate change on future storms will be significant, leading to more powerful storms unleashing substantially more water. Lead Author Christina Patricola (LBNL, Iowa State): "We simulated how historically impactful storm events could change if similar events occurred in future climates."

Dennis Herrera, SFPUC GM: "Having this level of detail is a game changer. This groundbreaking data will help us develop tools to allow our port, airport, utilities, and the City as a whole to adapt to our changing climate and increasingly extreme storms. LBNL co-author Michael Wehner: "This collaboration is one of the first of its kind to apply the climate modeling expertise at Berkeley Lab to inform local decision-makers." By tailoring our models to the City's specific questions, we are able to provide more confident answers in the amount of heavy rainfall that can be expected in a future warmer world."

4. Berkeley students wanted — MIT Climate and Energy Prize Competition

BCCN met with MIT reps last week. Berkeley students are highly encouraged to jump into the big [MIT Climate and Energy Prize](#) (mentors, \$\$\$ and more!). Applications due mid-January. Register for the [December 6th info session](#). Watch 3-minute fun video of past winners [here](#). The [CEP website](#) has all the info.

5. Congratulations Patrick Gonzalez and Bill Collins

Climate expert [Patrick Gonzalez](#), just back from the White House OSTP, has been named the director of [Berkeley's Institute for Parks, People and Biodiversity](#). At the same time, world-class climate leader [Bill Collins](#) is the new Associate Lab Director at LBNL for [Earth and Environmental Sciences](#).

6. New Berkeley EBI Postdoctoral Research Fellowship Program — Materials-Based Abatement Pathways.

The deadline for applications is this Friday, December 9th — full details on the [EBI website](#). The program is looking to support 3-4 exceptional young scientists of great promise who recently received, or are about to be awarded, a doctoral degree. Questions? Please contact EBI Program Manager Shelley Brozenick at sbrozenick@berkeley.edu.

7. Coastal Climate Resiliency research funding for the Bay Area and California

The California State Coastal Conservancy has announced [significant grant funding](#) for projects that benefit California's coast, coastal watersheds and San Francisco Bay. FAQ from 11/9 webinar is [here](#) with [slides](#) and [recording](#) also available.

8. Accelerating Patent Applications for Reducing Greenhouse Gas Emissions

Berkeley's Office of Intellectual Property and Industry Research Alliances (IPIRA) reminds us that the US Patent and Trademark Office is accelerating its examination of [patent applications for innovations that reduce GHGs](#). The exam period for the [Climate Mitigation Pilot Program](#) is open until June 2023 OR 1000 applications are received.

9. Story of the Week: The Post Looked at 1,200 Possibilities for the Planet's Future These Are Our Best Hone

...and these are our best hope.

The Post provides a [short version and a long version](#).

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